

**-DRAFT-**

**PROJECT STATUS MEMORANDUM**

**NO. 03-12**

**TO:** Pamela Tames, USEPA  
**FROM:** Mark M. Goldberg, P.E.  
Tunde H. Komuves-Sandor  
  
**DATE:** June 11, 2012  
  
**PROJECT:** Rowe Industries Superfund Site  
Groundwater Recovery and Treatment System  
March 2012 Status Report  
Sag Harbor, New York

LBG Engineering Services, P.C. (LBG) commenced operation of the Full-Scale Pump and Treat (FSP&T) groundwater remediation system at the above-referenced site on December 17, 2002. Starting in September 2008, the groundwater recovered by the Focus Pump and Treat (FP&T) system was routed to the FSP&T system for treatment. This status report presents a summary of performance, operation and maintenance for both systems and monitoring activities for the site from March 1, 2012 through March 31, 2012. The report includes a summary of system performance parameters, system operation parameters, and analytical results for groundwater, system effluent samples, and air quality results.

**SUMMARY OF SYSTEM PERFORMANCE AND OPERATION**

*(March 1, 2012 through March 31, 2012)*

- |                                                                                                                 |                                      |
|-----------------------------------------------------------------------------------------------------------------|--------------------------------------|
| 1. Hours of operation during the reporting period:                                                              | 609 hours (81.9%)                    |
| 2. Alarm conditions during the reporting period:                                                                | See Table 1                          |
| 3. Was the SPDES VOC discharge permit criteria achieved:                                                        | yes, (see Table 2)                   |
| 4. Total volume of water pumped during the reporting period:                                                    | 15,815,680 gal.*                     |
| 5. Was the system effluent flow below the SPDES limit of 1,023,000 gpd:                                         | yes, (see Graph 1)                   |
| 6. Mass of VOCs recovered during the reporting period:                                                          | 0.36 pounds*                         |
| 7. Cumulative mass of VOCs recovered since startup on 12/17/02:<br>(calculations can be provided upon request)  | 223.5 pounds                         |
| 8. Effluent VOC vapor concentration for the reporting period:                                                   | 0.03 mg/m <sup>3</sup> (see Table 3) |
| 9. Was the effluent VOC vapor emission rate below 0.022 lbs/hr.:<br>(calculations can be provided upon request) | yes (0.00035 lbs/hr)                 |

\*Values represent both FSP&T system recovery wells and the FP&T system recovery wells.

## FULL SCALE PUMP AND TREAT SYSTEM STATUS SUMMARY

The following table summarizes select recovery well parameters for the reporting period. Table 4 presents a summary of the quality results for water samples collected from recovery wells. Graph 2 presents PCE concentrations for each recovery well. For wells with water quality that meets or is approaching remedial criteria, Graph 3 presents PCE concentrations at an expanded scale in order to compare them to the PCE aquifer restoration concentration of 5 ug/L. Laboratory analytical reports are included as Appendix I.

| Well | Volume pumped (gal) | Average Flow (gpm) | Lowest Measured Flow (gpm) <sup>1/</sup> | Total VOC Concentration (µg/L) | VOC Recovery (lbs) |
|------|---------------------|--------------------|------------------------------------------|--------------------------------|--------------------|
| RW-2 | 912,587             | 26                 | 13                                       | 1.2                            | 0.01               |
| RW-3 | 1,056,203           | 30                 | 10                                       | 1.3                            | 0.01               |
| RW-4 | 1,282,818           | 38                 | 10                                       | 6.6                            | 0.07               |
| RW-5 | 1,585,188           | 50                 | 50                                       | 0.9                            | 0.01               |
| RW-6 | 528,185             | 15                 | 15                                       | 7.5                            | 0.03               |
| RW-7 | 2,369,359           | 70                 | 69                                       | 2.7                            | 0.05               |
| RW-8 | 1,626,100           | 49                 | 41                                       | 0.1                            | 0                  |
| RW-9 | 2,626,576           | 80                 | 16                                       | 0                              | 0                  |

<sup>1/</sup> Lowest measured flows are based on the lowest average 24-hour pumping rates for each well recorded to date.

Based on the results from the 2007 groundwater model for the site, the plume is not migrating beyond the influence of the FSP&T system if the recovery well pumps operate at or above the “Lowest Measured Flows”. All recovery wells were operating at or above their lowest measured flow during the month of March.

On February 23, 2012, National Grid damaged the below-grade pipe adjacent to RW-9 during horizontal drilling work. On March 1, Alpine Environmental completed the repairs to the damaged below-grade pipe adjacent to RW-9. RW-9 was started briefly to test the integrity of the repair and then was left off overnight to allow for adhesives used during the repair to set. The FSP&T system, including RW-9, was restarted at 7:45 am on March 2, 2012.

On March 29, the electrical conduit on Brick Kiln Road between RW-8 and RW-9 was damaged during National Grid horizontal drilling activities. Initial inspection of the conduit by LBG revealed that the conduit was cracked but no damage occurred to the internal wiring. RW-9 was left off as a precautionary measure, and will remain off because this well is scheduled to be permanently shut off due to improved groundwater quality in this area. However, Alpine Environmental will complete a more detailed inspection of the damage to the conduit and, based on that assessment, a determination to repair the conduit will be made.

## FOCUS PUMP AND TREAT SYSTEM STATUS SUMMARY

LBG monitors the FP&T system for indications of any fouling that had been problematic with the FP&T system. During this reporting period, iron bacteria accumulation was observed in the FRW-1 and effluent flow meters. The FRW-1 flow meter was cleaned three times and the effluent flow meter was cleaned twice during March. An increase in the amount of iron bacteria accumulation in the FRW-1 flow meter has been observed during the last several months.

The following table summarizes the parameters for the FRWs for the reporting period of February 21, 2012 through March 27, 2012. Tables 5 through 8 present a summary of the quality

results for water samples collected from the FRWs. Graphs 4 through 7 present VOC concentrations for each FRW. Laboratory analytical reports are included in Appendix II.

| Well  | Volume Pumped (gal)   | VOC Concentration (µg/L) | VOC Recovery (lbs) |
|-------|-----------------------|--------------------------|--------------------|
| FRW-1 | 27,757                | 41.4                     | 0.010              |
| FRW-2 | 5,275                 | 31.5                     | 0.001              |
| FRW-3 | 9,345                 | 20.9                     | 0.002              |
| FRW-4 | 279,944               | 30.4                     | 0.071              |
| Total | 304,582 <sup>1/</sup> | --                       | --                 |

<sup>1/</sup> Routed to equalization tank in FSP&T system, for treatment.

## OTHER O&M ACTIVITIES AND FUTURE O&M ACTIVITIES

O&M activities conducted in March 2012 included:

- on March 1, Alpine Environmental completed the repairs to the damaged below-grade pipe at RW-9. Depth-to-water was measured during static conditions in all piezometers, monitor and recovery wells;
- on March 13, inspected the recharge basins for proper drainage;
- on March 21, depth-to-water was measured during pumping conditions in all piezometers, monitor and recovery wells; and semi-annual groundwater quality sampling was started;
- on March 22, continued semi-annual groundwater quality sampling;
- on March 23, completed semi-annual groundwater quality sampling;
- on March 26, greased the FSP&T system pumps and motors;
- on March 27, met with Mr. Tom Franks of National Grid and discussed the location of the planned installation of gas main on Brick Kiln Road; and
- on March 29, the electrical conduit on Brick Kiln Road between RW-8 and RW-9 was damaged by National Guard. LBG inspected the conduit and, as a precautionary measure, shut down RW-9 for the duration of the National Grid work.

Future O&M activities scheduled for the spring and summer of 2012 include:

- normal weekly/monthly O&M activities;
- conduct recovery well rehabilitation;
- clean the EQ tank, transfer tank, bag filter housing (screens and butterfly valves) and the air stripper tower sump;
- clean the catch basin in the rear driveway and the trench drain in front of the FSP&T building;
- inspect condition of the air stripper tower packing material; and
- clean FP&T system carbon unit, holding tank, evacuate FRW sumps.

MMG:nv

Attachments

cc: Ken W. Wengert - Kraft Foods Group, Inc. - .pdf  
Lisa Krogman, Environ – .pdf  
Jeff Trad, NYSDEC – .pdf  
Chief-Operation Maintenance and Support Section, NYSDEC – .pdf  
William Spitz, RWM, R-1, NYSDEC  
Tiffany Scarloto, Town of Southampton Attorney - .pdf

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## TABLES

**TABLE 1**  
**GROUNDWATER REMEDIAL ACTION**  
**ROWE INDUSTRIES SUPERFUND SITE**  
**SAG HARBOR, NEW YORK**

**MAINTENANCE LOG**  
(Mar 1, 2012 through March 31, 2012)

| Date      | Time     | System Changes/Modifications                                                                                                                                                                                             | Personnel |
|-----------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 3/1/2012  |          | Completed the RW-9 below-grade pipe repairs, tested the integrity of the repairs. FSP&T system remains off to allow pipe adhesives to set.                                                                               | SH/Alpine |
|           |          | Completed depth-to-water measurements during static conditions in all piezometers, monitor and recovery wells.                                                                                                           | CC/BR     |
| 3/2/2012  |          | Changed the multi-bag filter bags (400 um) in Banks 1 and 2, seven of eight housings used. Banks 1 and 2 left open. Bank 3 closed.                                                                                       | SH        |
|           | 7:45 AM  | Restarted the FSP&T system.                                                                                                                                                                                              | SH        |
|           | 7:50 AM  | Restarted the FP&T recovery wells.                                                                                                                                                                                       | SH        |
|           |          | Marked out LBG piping locations along Brick Kiln Road per dig safe request.                                                                                                                                              | SH        |
| 3/6/2012  |          | Changed the multi-bag filter bags (400 um) in Banks 1 and 2, seven of eight housings used. Banks 1 and 2 left open. Bank 3 closed.                                                                                       | SH        |
|           |          | Cleaned iron bacteria fouling from the FRW-1 and FP&T system effluent flow meter paddle wheels.                                                                                                                          | SH        |
| 3/12/2012 | 8:00 AM  | FSP&T and FP&T systems shut down due to a power failure alarm.                                                                                                                                                           |           |
| 3/13/2012 |          | Changed the multi-bag filter bags (400 um) in Banks 1 and 2, seven of eight housings used. Banks 1 and 2 left open. Bank 3 closed.                                                                                       | SH        |
|           |          | Adjusted the time on the FSP&T control computer and the effluent flow meter to account for daylight savings.                                                                                                             | SH        |
|           |          | Marked out the monitor wells near Bay Burger on Sag Harbor Turnpike per dig safe request.                                                                                                                                | SH        |
|           |          | Cleaned iron bacteria fouling from the FRW-1 flow meter paddle wheels.                                                                                                                                                   | SH        |
|           | 9:15 AM  | Reset the alarms and restarted the FSP&T system.                                                                                                                                                                         | SH        |
|           | 10:30 AM | Restarted the FP&T recovery wells.                                                                                                                                                                                       | SH        |
|           |          | Inspected the recharge basins for proper drainage.                                                                                                                                                                       | SH        |
| 3/16/2012 | 8:37 AM  | FSP&T and FP&T systems shut down due to a power failure alarm.                                                                                                                                                           |           |
| 3/19/2012 |          | Changed the FSP&T system multi-bag filter bags (400 um) in Banks 1 and 2, seven of eight housings used. Banks 1 and 2 left open. Bank 3 closed.                                                                          | SH        |
|           | 10:00 AM | Reset the alarms and restarted the FSP&T system.                                                                                                                                                                         | SH        |
|           | 10:15 AM | Restarted the FP&T recovery wells.                                                                                                                                                                                       | SH        |
| 3/21/2012 |          | Completed depth-to-water measurements during pumping conditions in all piezometers, monitor and recovery wells; began semi-annual groundwater quality sampling.                                                          | CC/BR     |
| 3/22/2012 |          | Continued semi-annual groundwater quality sampling.                                                                                                                                                                      | CC/BR     |
| 3/23/2012 |          | Completed semi-annual groundwater quality sampling.                                                                                                                                                                      | CC/BR     |
| 3/26/2012 |          | Changed the FSP&T system multi-bag filter bags (400 um) in Banks 1 and 2, seven of eight housings used. Banks 1 and 2 left open. Bank 3 closed.                                                                          | SH        |
|           |          | Adjusted FSP&T control computer time to compensate for daylight savings time.                                                                                                                                            | SH        |
|           |          | Greased all pumps and motors.                                                                                                                                                                                            | SH        |
| 3/27/2012 |          | Cleaned iron bacteria fouling from the FRW-1 and FP&T system effluent flow meter paddle wheels.                                                                                                                          | SH        |
|           |          | Met Mr. Tom Franks from National Grid on Brick Kiln Road to discuss the location of the gas main installation. Planned drilling location appears clear of FSP&T below grade lines, FSP&T system will remain operational. | SH        |
| 3/29/2012 | 11:30 AM | FSP&T and FP&T systems shut down due to an unknown alarm.                                                                                                                                                                |           |
|           |          | The electrical conduit on Brick Kiln Road, between RW-8 and RW-9 was damaged by National Grid. Inspection of the conduit revealed that the conduit was cracked but no damage occurred to the internal wiring.            | SH        |
|           |          | Marked out the locations of the MWs on Brick Kiln Rd. as requested by dig safe.                                                                                                                                          | SH        |
|           | 1:15 PM  | Restarted the FSP&T system without RW-9.                                                                                                                                                                                 | SH        |
|           | 1:15 PM  | Restarted the FP&T recovery wells.                                                                                                                                                                                       | SH        |

TABLE 2

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

**Effluent Water Quality Results**

| Date<br>Sampled <sup>2/</sup> | pH <sup>1/</sup>  | TDS<br>(mg/l) | PCE<br>(ug/l) | 1,1,1-TCA<br>(ug/l) | TCE<br>(ug/l) | 1,1-DCA<br>(ug/l) | 1,1-DCE<br>(ug/l) | cis-<br>1,2-DCE<br>(ug/l) | trans-<br>1,2-DCE<br>(ug/l) | Xylene<br>(ug/l) | Toluene<br>(ug/l) | Ethyl-<br>benzene<br>(ug/l) | Methylene<br>Chloride<br>(ug/l) | Freon 113<br>(ug/l) | Naphthalene<br>(ug/l) | Chloroform<br>(ug/l) | Total Iron<br>(mg/l) | Dissolved<br>Iron<br>(mg/l) |
|-------------------------------|-------------------|---------------|---------------|---------------------|---------------|-------------------|-------------------|---------------------------|-----------------------------|------------------|-------------------|-----------------------------|---------------------------------|---------------------|-----------------------|----------------------|----------------------|-----------------------------|
| <b>SPDES Limits</b>           | <b>5.0 to 8.5</b> | ---           | <b>5</b>      | <b>5</b>            | <b>5</b>      | <b>5</b>          | <b>5</b>          | <b>5</b>                  | <b>5</b>                    | <b>5</b>         | <b>5</b>          | <b>5</b>                    | <b>5</b>                        | ---                 | <b>10</b>             | <b>7</b>             | ---                  | ---                         |
| 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                       |

SPDES: State Pollutant Discharge Elimination System

mg/l: Milligrams per liter

ug/l: Micrograms per liter

---: Not established

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

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.

**Notes:**

- Based on the SPDES criteria from an NYSDEC letter dated on May 11, 2006, the new allowable pH range for the Rowe Site is between 5.0 and 8.5.  
The pH was obtained from the electronic pH meter installed in the effluent transfer tank.
- "Effluent" samples were collected from sample port labeled NP2-10 unless otherwise noted.

TABLE 3

**GROUNDWATER REMEDIAL ACTION  
ROWE INDUSTRIES SUPERFUND SITE  
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  |
| AQ4511:1330NP4-1    | 4/5/2011   | 13:30 | 0.0830             | 0.0073 | 0.0380 | 0.0016 | 0.0097 | 0.0059  | ND        | 0.0031  | ND          | ND       | 0.0077 | 0.0030              | ND     | ND        | 0.16  |
| AQ5311:1120NP4-1    | 5/3/2011   | 11:20 | 0.0290             | 0.0042 | 0.0300 | 0.0032 | 0.0075 | ND      | ND        | 0.0130  | 0.0034      | 0.0015   | 0.0046 | 0.0081              | 0.0018 | ND        | 0.12  |
| AQ060611:1400NP4-1  | 6/6/2011   | 14:00 | 0.0490             | 0.0039 | 0.0094 | 0.0006 | 0.0047 | 0.0028  | ND        | 0.0025  | ND          | ND       | 0.0054 | NA                  | ND     | ND        | 0.09  |
| AQ7611:1420NP4-1    | 7/6/2011   | 14:20 | 0.0660             | 0.0061 | 0.0170 | 0.0009 | 0.0064 | 0.0095  | ND        | 0.0059  | ND          | ND       | 0.0049 | NA                  | ND     | ND        | 0.13  |
| AQ83011:1200NP4-1   | 8/30/2011  | 12:00 | 0.0160             | 0.0020 | 0.0049 | ND     | 0.0020 | ND      | ND        | 0.0140  | 0.0027      | ND       | 0.0026 | NA                  | ND     | ND        | 0.05  |
| AQ92811:1120NP4-1   | 9/28/2011  | 11:20 | 0.0170             | 0.0036 | 0.0160 | ND     | 0.0069 | ND      | ND        | 0.0017  | 0.0028      | 0.0013   | 0.0037 | 0.0490              | 0.0011 | 0.0054    | 0.23  |
| AQ101811:1300NP4-1  | 10/18/2011 | 13:00 | 0.0370             | 0.0031 | 0.0170 | ND     | 0.0081 | ND      | ND        | 0.0010  | 0.0009      | 0.0004   | 0.0034 | NA                  | 0.0003 | ND        | 0.14  |
| AQ112111:1100NP4-1  | 11/21/2011 | 11:00 | 0.0190             | 0.0035 | 0.0160 | ND     | 0.0075 | ND      | ND        | 0.0016  | 0.0022      | ND       | 0.0036 | NA                  | ND     | ND        | 0.09  |
| AQ122711:11:30NP4-1 | 12/27/2011 | 11:30 | 0.0480             | 0.0038 | 0.0170 | ND     | 0.0081 | 0.0032  | ND        | 0.0740  | 0.0190      | 0.0062   | 0.0031 | NA                  | 0.0120 | ND        | 0.26  |
| 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 <sup>B</sup> | 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  |

| 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  |
| AQ4511:1335NP4-2   | 4/5/2011   | 13:35 | 0.0055             | 0.0017 | 0.0390 | 0.0014 | 0.0081 | 0.0029  | ND        | 0.0180  | ND          | ND       | 0.0071 | 0.0170              | ND     | ND        | 0.11  |
| AQ5311:1125NP4-2   | 5/3/2011   | 11:25 | 0.0099             | 0.0019 | 0.0550 | 0.0044 | 0.0140 | 0.0043  | ND        | ND      | ND          | ND       | 0.0110 | 0.0023              | ND     | ND        | 0.11  |
| AQ060611:1405NP4-2 | 6/6/2011   | 14:05 | 0.1900             | 0.0310 | 0.0330 | ND     | 0.0012 | 0.0017  | ND        | 0.0048  | ND          | ND       | 0.0020 | NA                  | ND     | ND        | 0.28  |
| AQ7611:1425NP4-2   | 7/6/2011   | 14:25 | 0.1400             | 0.0160 | 0.0130 | ND     | ND     | ND      | ND        | 0.0056  | ND          | ND       | ND     | NA                  | ND     | ND        | 0.19  |
| AQ83011:1205NP4-2  | 8/30/2011  | 12:05 | 0.1100             | 0.0130 | 0.0110 | ND     | 0.0009 | ND      | ND        | 0.0079  | ND          | ND       | ND     | NA                  | ND     | ND        | 0.15  |
| AQ92811:1125NP4-2  | 9/28/2011  | 11:25 | 1.3000             | 0.0270 | 0.0086 | ND     | 0.0040 | ND      | ND        | 0.0041  | 0.0024      | 0.0009   | ND     | 0.0230              | 0.0012 | 0.0058    | 1.45  |
| AQ101811:1305NP4-2 | 10/18/2011 | 13:05 | 0.1100             | 0.0140 | 0.0110 | ND     | 0.0054 | ND      | ND        | 0.0016  | 0.0016      | 0.0007   | 0.0015 | NA                  | 0.0006 | 0.0036    | 0.31  |
| AQ112111:1105NP4-2 | 11/21/2011 | 11:05 | 0.0830             | 0.0042 | 0.0058 | ND     | 0.0080 | ND      | ND        | 0.0017  | 0.0020      | 0.0094   | 0.0031 | NA                  | ND     | ND        | 0.19  |
| AQ122711:1135NP4-2 | 12/27/2011 | 11:35 | 0.2400             | 0.0058 | 0.0140 | ND     | 0.0095 | ND      | ND        | 0.0480  | 0.0036      | ND       | ND     | NA                  | 0.0048 | ND        | 0.38  |
| 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 <sup>B</sup> | 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  |

| 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  |
| AQ4511:1340NP4-3   | 4/5/2011   | 13:40 | ND                 | ND  | 0.0600 | 0.0021 | 0.0110 | 0.0052  | ND        | 0.0055  | ND          | ND       | 0.0110 | 0.0038              | ND     | ND        | 0.11  |
| AQ5311:1130NP4-3   | 5/3/2011   | 11:30 | ND                 | ND  | 0.0620 | 0.0049 | 0.0099 | 0.0060  | ND        | 0.0025  | ND          | ND       | 0.0090 | 0.0031              | ND     | ND        | 0.10  |
| AQ060611:1410NP4-3 | 6/6/2011   | 14:10 | ND                 | ND  | ND     | ND     | ND     | ND      | ND        | 0.0062  | 0.0035      | 0.0013   | ND     | NA                  | ND     | ND        | 0.02  |
| AQ7611:1430NP4-3   | 7/6/2011   | 14:30 | ND                 | ND  | ND     | ND     | ND     | ND      | ND        | 0.0049  | 0.0034      | ND       | ND     | NA                  | ND     | ND        | 0.02  |
| AQ83011:1210NP4-3  | 8/30/2011  | 12:10 | ND                 | ND  | ND     | ND     | ND     | ND      | ND        | 0.0040  | ND          | ND       | ND     | NA                  | ND     | ND        | 0.02  |
| AQ92811:1130NP4-3  | 9/28/2011  | 11:30 | 0.0023             | ND  | ND     | ND     | ND     | ND      | ND        | 0.0019  | 0.0013      | ND       | ND     | 0.0058              | 0.0012 | ND        | 0.05  |
| AQ101811:1310NP4-3 | 10/18/2011 | 13:10 | 0.0083             | ND  | ND     | ND     | ND     | ND      | ND        | 0.0069  | ND          | ND       | ND     | NA                  | ND     | ND        | 0.29  |
| AQ112111:1110NP4-3 | 11/21/2011 | 11:10 | ND                 | ND  | ND     | ND     | ND     | ND      | ND        | ND      | 0.0016      | 0.0009   | ND     | ND                  | ND     | ND        | 0.07  |
| AQ122711:1140NP4-3 | 12/27/2011 | 11:40 | ND                 | ND  | ND     | ND     | ND     | ND      | ND        | 0.2800  | 0.0680      | 0.0210   | ND     | NA                  | 0.0440 | ND        | 0.62  |
| 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 <sup>B</sup> | 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  |

PCE: Tetrachloroethane

DCE: 1,1-Dichloroethene

CF: Chloroform

TCE: Trichloroethene

DCA: 1,1-Dichloroethane

MC: Methylene Chloride

TCA: 1,1,1-Trichloroethane

cis-DCE: cis-1,2-Dichloroethene

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

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 4

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

**Recovery Well Water Quality Results**

| Recovery Well | Date Sampled         | PCE (ug/L) | TCE (ug/L) | TCA (ug/L) | Chloroform (ug/L) | MTBE (ug/L) | Total Iron (mg/L) | Dissolved Iron (mg/L) | 1,1-Dichloro-ethane (ug/L) | 1,1-Dichloro-ethene (ug/L) | Methylene Chloride (ug/L) | Toluene (ug/L) | Bromoform (ug/L) | Dibromochloromethane (ug/L) | Naphthalene (ug/L) | m,p-Xylene (ug/L) | o-Xylene (ug/L) | Ethylbenzene (ug/L) | Chloroethane (ug/L) | Acetone (ug/L) |
|---------------|----------------------|------------|------------|------------|-------------------|-------------|-------------------|-----------------------|----------------------------|----------------------------|---------------------------|----------------|------------------|-----------------------------|--------------------|-------------------|-----------------|---------------------|---------------------|----------------|
|               | ARAR's               | 5          | 5          | 5          | 7                 | NE          | 300               | 300                   | 5                          | 5                          | 5                         | NE             | NE               | NE                          | NE                 | 5                 | 5               | NE                  | NE                  | NE             |
| RW-1          | 15-Sep-04            | ND<1       | ND<1       | ND<1       | 2.8               | ND<1        | 0.0865            | ND<0.02               | ND<1                       | ND<1                       | ND<1                      | ND<1           | 2.5              | ND<1                        | 8.0                | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 7-Oct-04             | ND<1       | ND<1       | ND<1       | ND<1              | 2.2         | 0.0332            | ND<0.02               | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 3-Nov-04             | ND<1       | ND<1       | ND<1       | 1.9               | 2.0         | 0.0133            | ND<0.02               | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 15-Dec-04            | ND<1       | ND<1       | ND<1       | 9.8               | ND<1        | 0.0475            | 0.0229                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 13-Jan-05            | ND<1       | ND<1       | ND<1       | 1.5               | 2.1         | 0.0703            | 0.0326                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 8-Feb-05             | ND<1       | ND<1       | ND<1       | 4.6               | ND<1        | ND<0.02           | ND<0.02               | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 15-Mar-05            | ND<1       | ND<1       | ND<1       | 2.5               | ND<1        | 0.0285            | ND<0.02               | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 19-Apr-05            | ND<1       | ND<1       | ND<1       | 1.5               | ND<1        | 0.0357            | 0.0217                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 2-May-05             | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | ND<0.02           | ND<0.02               | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 16-Jun-05            | ND<1       | ND<1       | ND<1       | 4.0               | ND<1        | ND<0.02           | ND<0.02               | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 14-Jul-05            | ND<1       | ND<1       | ND<1       | 2.1               | ND<1        | 0.0289            | ND<0.02               | ND<1                       | ND<1                       | 8.4*                      | ND<1           | ND<1             | ND<1                        | 13.0               | 3.3               | 1.3             | 1.0                 | 1.0                 | 6.9*           |
|               | 7-Mar-06             | ND<1       | ND<1       | ND<1       | 5.2               | ND<1        | 0.1650            | ND<0.02               | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | 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<1               | ND<2              | ND<1            | ND<1                | ND<1                | 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<1               | ND<2              | ND<1            | ND<1                | ND<1                | 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<1               | ND<2              | ND<1            | ND<1                | ND<1                | 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<1               | ND<2              | ND<1            | ND<1                | ND<1                | 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<1               | ND<2              | ND<1            | ND<1                | ND<1                | 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<1               | ND<2              | ND<1            | ND<1                | ND<1                | 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<1               | ND<2              | ND<1            | ND<1                | ND<1                | 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<1               | ND<2              | ND<1            | ND<1                | ND<1                | 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<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 9-Mar-11             | ND<1       | ND<1       | ND<1       | 0.80              | ND<1        | -                 | -                     | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 15-Sep-11            | ND<5       | ND<5       | ND<5       | 0.84 J            | ND<5        | -                 | -                     | ND<5                       | ND<1                       | 7.1 B                     | ND<1           | ND<5             | ND<5                        | ND<5               | ND<10             | ND<5            | ND<5                | ND<5                | 3.8 B          |
|               | 23-Mar-12            | ND<0.5     | ND<0.5     | ND<0.5     | 1.3               | ND<0.5      | -                 | -                     | ND<0.5                     | ND<0.5                     | 0.75 J,B                  | 0.11 J         | ND<0.5           | ND<0.5                      | 0.12 J,B           | ND<2              | ND<0.5          | ND<0.5              | ND<0.5              | 1.1 J,B        |
| RW-2          | 08-Apr-10            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 5.43              | 0.036                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 25-May-10            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 0.06              | 0.052                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 15-Jun-10            | 1.9        | ND<1       | ND<1       | ND<1              | ND<1        | 6.76              | 0.036                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 20-Jul-10            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 9.60              | 0.047                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | Aug-10 <sup>1/</sup> | NS         | NS         | NS         | NS                | NS          | NS                | NS                    | NS                         | NS                         | NS                        | NS             | NS               | NS                          | NS                 | NS                | NS              | NS                  | NS                  | NS             |
|               | 16-Sep-10            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 1.50              | 0.893                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 13-Oct-10            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 1.31              | 0.039                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 16-Nov-10            | 2.7        | ND<1       | ND<1       | ND<1              | ND<1        | 1.68              | 0.073                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 14-Dec-10            | 0.44 J     | ND<1       | 0.77       | ND<1              | ND<1        | 2.86              | 0.050                 | 0.32 J                     | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 11-Jan-11            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 10.30             | 0.012                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 17-Feb-11            | 0.55 J     | ND<1       | ND<1       | ND<1              | ND<1        | 2.69              | 0.160                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 15-Mar-11            | 0.91 J     | ND<1       | ND<1       | ND<1              | ND<1        | 2.85              | 0.019                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 12-Apr-11            | 0.57 J     | ND<1       | ND<1       | ND<1              | ND<1        | 3.82              | 0.010                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 23-May-11            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 3.72              | 0.199                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 21-Jun-11            | 0.85 J     | ND<1       | ND<1       | ND<1              | ND<1        | 1.83              | 0.033                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 12-Jul-11            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 2.71              | 0.013                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 23-Aug-11            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 2.20              | 0.021                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 15-Sep-11            | 0.96 J     | ND<5       | ND<5       | ND<5              | ND<5        | -                 | -                     | ND<5                       | ND<5                       | 3.9 B                     | ND<5           | ND<5             | ND<5                        | ND<5               | ND<10             | ND<5            | ND<5                | ND<5                | 4.5 B          |
|               | 18-Oct-11            | 0.97       | 0.18 J     | 0.74       | 0.17 J            | ND<0.5      | -                 | -                     | 0.25 J                     | ND<0.5                     | 0.96 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | 0.24 J,B           | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 8-Nov-11             | 1.6        | 0.20 J     | 0.12 J     | 0.22 J            | ND<0.5      | -                 | -                     | ND<0.5                     | ND<0.5                     | 0.95 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | 0.13 J,B           | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 20-Dec-11            | 1.0        | 0.25 J     | 0.49 J     | 0.16 J            | ND<0.5      | -                 | -                     | 0.11 J                     | ND<0.5                     | 0.44 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | 0.41 J,B           | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 24-Jan-12            | 0.64       | 0.22 J     | 0.41 J     | 0.13 J            | ND<0.5      | -                 | -                     | ND<0.5                     | ND<0.5                     | 0.27 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | 0.29 J,B           | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 14-Feb-12            | 0.84       | 0.28 J     | 0.45 J     | 0.15 J            | ND<0.5      | -                 | -                     | ND<0.5                     | ND<0.5                     | 0.42 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | 0.53 J             | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 19-Mar-12            | 0.81       | 0.16 J     | 0.11 J     | 0.12 J            | ND<0.5      | -                 | -                     | ND<0.5                     | ND<0.5                     | 0.93 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | 0.26 J,B           | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |

TABLE 4

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

**Recovery Well Water Quality Results**

| Recovery Well | Date Sampled         | PCE (ug/L) | TCE (ug/L) | TCA (ug/L) | Chloroform (ug/L) | MTBE (ug/L) | Total Iron (mg/L) | Dissolved Iron (mg/L) | 1,1-Dichloro-ethane (ug/L) | 1,1-Dichloro-ethene (ug/L) | Methylene Chloride (ug/L) | Toluene (ug/L) | Bromoform (ug/L) | Dibromochloromethane (ug/L) | Naphthalene (ug/L) | m,p-Xylene (ug/L) | o-Xylene (ug/L) | Ethylbenzene (ug/L) | Chloroethane (ug/L) | Acetone (ug/L) |
|---------------|----------------------|------------|------------|------------|-------------------|-------------|-------------------|-----------------------|----------------------------|----------------------------|---------------------------|----------------|------------------|-----------------------------|--------------------|-------------------|-----------------|---------------------|---------------------|----------------|
|               | ARAR's               | 5          | 5          | 5          | 7                 | NE          | 300               | 300                   | 5                          | 5                          | 5                         | NE             | NE               | NE                          | NE                 | 5                 | 5               | NE                  | NE                  | NE             |
| RW-3          | 08-Apr-10            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 2.61              | 0.170                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 25-May-10            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 3.39              | 0.538                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 15-Jun-10            | ND<1       | 1.5        | ND<1       | ND<1              | ND<1        | 2.30              | 0.757                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 20-Jul-10            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 3.48              | 0.497                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | Aug-10 <sup>1/</sup> | NS         | NS         | NS         | NS                | NS          | NS                | NS                    | NS                         | NS                         | NS                        | NS             | NS               | NS                          | NS                 | NS                | NS              | NS                  | NS                  | NS             |
|               | 16-Sep-10            | ND<1       | ND<1       | 0.63 J     | ND<1              | ND<1        | 2.04              | 0.948                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 13-Oct-10            | ND<1       | ND<1       | 0.84 J     | ND<1              | ND<1        | 2.86              | 0.896                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 16-Nov-10            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 1.95              | 0.369                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 14-Dec-10            | ND<1       | 0.36       | ND<1       | ND<1              | ND<1        | 2.07              | 1.76                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 11-Jan-11            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 2.65              | 0.599                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 17-Feb-11            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 2.43              | 0.501                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 15-Mar-11            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 3.09              | 0.732                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 12-Apr-11            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 5.20              | 0.571                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 23-May-11            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 2.13              | 1.250                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 21-Jun-11            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 2.11              | 0.824                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 12-Jul-11            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 2.29              | 0.611                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 23-Aug-11            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 3.25              | 0.423                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 15-Sep-11            | ND<5       | 0.93       | ND<5       | ND<5              | ND<5        | -                 | -                     | ND<5                       | ND<5                       | 7.0 J,B                   | ND<5           | ND<5             | ND<5                        | ND<5               | ND<10             | ND<5            | ND<5                | ND<5                | 4.3 B          |
|               | 18-Oct-11            | 0.16 J     | 0.59       | 0.19 J     | ND<0.5            | ND<0.5      | -                 | -                     | ND<0.5                     | ND<0.5                     | 0.70 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | 0.11 J,B           | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 8-Nov-11             | 0.16 J     | 0.81       | 0.22 J     | ND<0.5            | ND<0.5      | -                 | -                     | ND<0.5                     | ND<0.5                     | 0.66 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 20-Dec-11            | 0.17 J     | 0.87       | 0.33 J     | ND<0.5            | ND<0.5      | -                 | -                     | ND<0.5                     | ND<0.5                     | 0.53 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 24-Jan-12            | 0.20 J     | 1.0        | 0.33 J     | ND<0.5            | ND<0.5      | -                 | -                     | ND<0.5                     | ND<0.5                     | 0.33 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | 0.19 J,B           | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 14-Feb-12            | 0.23 J     | 0.90       | 0.33 J     | ND<0.5            | ND<0.5      | -                 | -                     | ND<0.5                     | ND<0.5                     | 0.47 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | 0.28 J             | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | 1.7 J,B        |
|               | 19-Mar-12            | 0.19 J     | 0.81       | 0.27 J     | ND<0.5            | ND<0.5      | -                 | -                     | ND<0.5                     | ND<0.5                     | 0.92 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | 0.13 J,B           | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | 1.7 J,B        |
| RW-4          | 08-Apr-10            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 5.70              | 0.07                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 25-May-10            | 1.7        | ND<1       | ND<1       | ND<1              | ND<1        | 3.72              | 0.03                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 15-Jun-10            | 3.3        | ND<1       | 2.5        | ND<1              | ND<1        | 4.93              | 1.70                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 20-Jul-10            | ND<1       | ND<1       | 5.6        | ND<1              | ND<1        | 5.80              | 0.04                  | 0.66                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | Aug-10 <sup>1/</sup> | NS         | NS         | NS         | NS                | NS          | NS                | NS                    | NS                         | NS                         | NS                        | NS             | NS               | NS                          | NS                 | NS                | NS              | NS                  | NS                  | NS             |
|               | 16-Sep-10            | ND<1       | ND<1       | 1.9        | ND<1              | ND<1        | 8.96              | 1.92                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 13-Oct-10            | 1.7        | ND<1       | ND<1       | ND<1              | ND<1        | 5.07              | 2.00                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 16-Nov-10            | 2.9        | ND<1       | 3.5        | ND<1              | ND<1        | 6.53              | 0.27                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 14-Dec-10            | 0.55 J     | ND<1       | 1.2        | ND<1              | ND<1        | 4.69              | 1.64                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 11-Jan-11            | 0.5 J      | ND<1       | ND<1       | ND<1              | ND<1        | 4.09              | 0.01                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 17-Feb-11            | 0.61 J     | ND<1       | 0.76       | ND<1              | ND<1        | 7.46              | ND<0.02               | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 10-Mar-11            | 0.82 J     | ND<1       | ND<1       | ND<1              | ND<1        | 4.14              | 1.78                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 12-Apr-11            | 0.61 J     | ND<1       | 0.74 J     | ND<1              | ND<1        | 4.98              | 1.05                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 23-May-11            | ND<1       | ND<1       | 1.2        | ND<1              | ND<1        | 4.81              | 0.33                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 21-Jun-11            | 1.0        | ND<1       | ND<1       | ND<1              | ND<1        | 5.12              | 2.95                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 12-Jul-11            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 6.53              | 0.07                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 23-Aug-11            | ND<1       | ND<1       | 0.92       | ND<1              | ND<1        | 4.90              | 0.79                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 15-Sep-11            | 1.1 J      | ND<5       | 2.7        | ND<5              | ND<5        | -                 | -                     | 1.4 J                      | ND<5                       | 3.9 B                     | ND<5           | ND<5             | ND<5                        | ND<5               | ND<10             | ND<5            | ND<5                | ND<5                | ND<5           |
|               | 18-Oct-11            | 1.1        | 0.14 J     | 3.9        | 0.15 J            | ND<0.5      | -                 | -                     | 1.8                        | 0.17 J                     | 0.47 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | 0.17 J             | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 8-Nov-11             | 1.5        | 0.22 J     | 1.8        | 0.15 J            | ND<0.5      | -                 | -                     | 0.61                       | ND<0.5                     | 0.66 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 20-Dec-11            | 1.2        | 0.14 J     | 4.2        | 0.16 J            | ND<0.5      | -                 | -                     | 1.6                        | 0.18 J                     | 0.47 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | 0.16 J,B           | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 24-Jan-12            | 0.93       | 0.14 J     | 3.3        | 0.17 J            | ND<0.5      | -                 | -                     | 1.4                        | 0.15 J                     | 0.34 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | 0.11 J,B           | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 14-Feb-12            | 1.10       | 0.13 J     | 4.0        | 0.19 J            | ND<0.5      | -                 | -                     | 1.8                        | 0.26 J                     | 0.43 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | 0.15 J             | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | 1.7 J,B        |
|               | 19-Mar-12            | 1.40       | 0.18 J     | 3.6        | 0.16 J            | ND<0.5      | -                 | -                     | 1.1                        | 0.19 J                     | 0.91 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |

TABLE 4

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

**Recovery Well Water Quality Results**

| Recovery Well | Date Sampled         | PCE (ug/L) | TCE (ug/L) | TCA (ug/L) | Chloroform (ug/L) | MTBE (ug/L) | Total Iron (mg/L) | Dissolved Iron (mg/L) | 1,1-Dichloro-ethane (ug/L) | 1,1-Dichloro-ethene (ug/L) | Methylene Chloride (ug/L) | Toluene (ug/L) | Bromoform (ug/L) | Dibromochloromethane (ug/L) | Naphthalene (ug/L) | m,p-Xylene (ug/L) | o-Xylene (ug/L) | Ethylbenzene (ug/L) | Chloroethane (ug/L) | Acetone (ug/L) |
|---------------|----------------------|------------|------------|------------|-------------------|-------------|-------------------|-----------------------|----------------------------|----------------------------|---------------------------|----------------|------------------|-----------------------------|--------------------|-------------------|-----------------|---------------------|---------------------|----------------|
|               | ARAR's               | 5          | 5          | 5          | 7                 | NE          | 300               | 300                   | 5                          | 5                          | 5                         | NE             | NE               | NE                          | NE                 | 5                 | 5               | NE                  | NE                  | NE             |
| RW-5          | 08-Apr-10            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 0.087             | 0.0092                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 25-May-10            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 5.390             | 0.0052                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 15-Jun-10            | ND<1       | ND<1       | ND<1       | 2.3               | ND<1        | 0.481             | 0.0300                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 20-Jul-10            | ND<1       | ND<1       | 1.0        | ND<1              | ND<1        | 0.062             | 0.0177                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | Aug-10 <sup>1/</sup> | NS         | NS         | NS         | NS                | NS          | NS                | NS                    | NS                         | NS                         | NS                        | NS             | NS               | NS                          | NS                 | NS                | NS              | NS                  | NS                  | NS             |
|               | 16-Sep-10            | ND<1       | ND<1       | ND<1       | 2.3               | ND<1        | 0.030             | 0.0114                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 13-Oct-10            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 0.035             | 0.0093                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 16-Nov-10            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 1.78              | 0.0188                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 14-Dec-10            | ND<1       | ND<1       | 0.7 J      | ND<1              | ND<1        | 0.034             | 0.0080                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 11-Jan-11            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 0.047             | 0.0070                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 17-Feb-11            | ND<1       | ND<1       | 1.3        | ND<1              | ND<1        | 0.260             | 0.0150                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 10-Mar-11            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 0.041             | 0.0100                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 12-Apr-11            | ND<1       | ND<1       | 1.2        | ND<1              | ND<1        | 0.041             | 0.0240                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 23-May-11            | ND<1       | ND<1       | 0.8 J      | ND<1              | ND<1        | 0.258             | 0.0050                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 21-Jun-11            | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 0.031             | 0.0200                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 12-Jul-11            | ND<1       | ND<1       | 0.6 J      | ND<1              | ND<1        | 0.027             | 0.0009                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 23-Aug-11            | ND<1       | ND<1       | 0.6 J      | ND<1              | ND<1        | 0.074             | 0.0240                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 15-Sep-11            | ND<5       | ND<5       | 1.1 J      | ND<5              | ND<5        | -                 | -                     | ND<5                       | ND<1                       | 4.8 J,B                   | ND<5           | ND<5             | ND<5                        | ND<5               | ND<10             | ND<5            | ND<5                | ND<5                | 3.4 J,B        |
|               | 18-Oct-11            | 0.12 J     | ND<0.5     | 1.4        | 0.50              | ND<0.5      | -                 | -                     | 0.51                       | ND<0.5                     | 0.45 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | 0.14 J,B           | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 8-Nov-11             | ND<0.5     | ND<0.5     | ND<0.5     | 0.76              | ND<0.5      | -                 | -                     | ND<0.5                     | ND<0.5                     | 0.86 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 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<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 24-Jan-12            | ND<0.5     | ND<0.5     | 0.68       | 0.54              | ND<0.5      | -                 | -                     | 0.43 J                     | ND<0.5                     | 0.35 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 14-Feb-12            | ND<0.5     | ND<0.5     | 0.76       | 0.66              | ND<0.5      | -                 | -                     | 0.61                       | ND<0.5                     | 0.36 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | 1.6 J,B        |
|               | 19-Mar-12            | 0.16 J     | ND<0.5     | 0.12 J     | 0.65              | ND<0.5      | -                 | -                     | ND<0.5                     | ND<0.5                     | 1.1 J,B                   | ND<0.5         | ND<0.5           | ND<0.5                      | 0.13 J,B           | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
| RW-6          | 08-Apr-10            | 6.9        | ND<1       | 2.9        | ND<1              | ND<1        | 0.0855            | 0.0546                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 25-May-10            | 6.4        | ND<1       | 6.2        | ND<1              | ND<1        | 0.2080            | 0.0582                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 15-Jun-10            | 6.3        | ND<1       | 7.0        | ND<1              | ND<1        | 0.1640            | 0.0221                | 1.5                        | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 20-Jul-10            | 3.4        | ND<1       | 4.5        | ND<1              | ND<1        | 0.2890            | 0.0162                | 1.1                        | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | Aug-10 <sup>1/</sup> | NS         | NS         | NS         | NS                | NS          | NS                | NS                    | NS                         | NS                         | NS                        | NS             | NS               | NS                          | NS                 | NS                | NS              | NS                  | NS                  | NS             |
|               | 16-Sep-10            | 4.3        | ND<1       | 2.8        | 1.8               | ND<1        | 0.0512            | 0.023                 | 0.36 J                     | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 13-Oct-10            | 4.3        | ND<1       | 4.2        | ND<1              | ND<1        | 0.1040            | 0.037                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 16-Nov-10            | 5.3        | ND<1       | 3.0        | ND<1              | ND<1        | 0.0218            | 0.016                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 14-Dec-10            | 1.7        | ND<1       | 0.8 J      | ND<1              | ND<1        | 0.1080            | 0.008                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 11-Jan-11            | 2.6        | ND<1       | ND<1       | ND<1              | ND<1        | 0.3650            | 0.015                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 17-Feb-11            | 1.6        | ND<1       | 0.7        | ND<1              | ND<1        | 0.7000            | 0.008                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 10-Mar-11            | 1.9        | ND<1       | 0.9 J      | ND<1              | ND<1        | 0.1000            | 0.011                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 12-Apr-11            | 1.4        | ND<1       | 0.7 J      | ND<1              | ND<1        | 0.3200            | 0.012                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 23-May-11            | 1.2        | ND<1       | 0.9 J      | ND<1              | ND<1        | 0.0460            | 0.005                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 21-Jun-11            | 1.7        | ND<1       | 0.8 J      | ND<1              | ND<1        | 0.0450            | 0.037                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 12-Jul-11            | 1.0        | ND<1       | 0.8 J      | ND<1              | ND<1        | 0.0440            | 0.010                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 23-Aug-11            | 1.3        | ND<1       | 1.2        | ND<1              | ND<1        | 0.2340            | 0.017                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 15-Sep-11            | 3.6 J      | ND<5       | 2.7 J      | ND<5              | ND<5        | -                 | -                     | 1.0 J                      | ND<1                       | 4.5 J,B                   | ND<5           | ND<5             | ND<5                        | ND<5               | ND<10             | ND<5            | ND<5                | ND<5                | 3.5 J,B        |
|               | 18-Oct-11            | 3.5        | 0.13 J     | 2.8        | 0.26 J            | 0.27 J      | -                 | -                     | 0.87                       | 0.19 J                     | 0.37 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 8-Nov-11             | 4.2        | 0.13 J     | 3.4        | 0.35 J            | 0.35 J      | -                 | -                     | 1.1                        | 0.11 J                     | 0.83 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 20-Dec-11            | 4.0        | 0.15 J     | 2.4        | 0.33 J            | 0.23 J      | -                 | -                     | 0.83                       | 0.17 J                     | 0.49 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 24-Jan-12            | 2.8        | 0.12 J     | 2.3        | 0.28 J            | ND<0.5      | -                 | -                     | 0.65                       | 0.15 J                     | 0.35 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 14-Feb-12            | 3.2        | 0.11 J     | 2.6        | 0.28 J            | ND<0.5      | -                 | -                     | 0.82                       | 0.19 J                     | 0.47 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 19-Mar-12            | 3.2        | 0.12 J     | 2.7        | 0.22 J            | 0.25 J      | -                 | -                     | 0.86                       | 0.19 J                     | 1.2 J,B                   | ND<0.5         | ND<0.5           | ND<0.5                      | 0.11 J,B           | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |

TABLE 4

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

**Recovery Well Water Quality Results**

| Recovery Well | Date Sampled            | PCE (ug/L) | TCE (ug/L) | TCA (ug/L) | Chloroform (ug/L) | MTBE (ug/L) | Total Iron (mg/L) | Dissolved Iron (mg/L) | 1,1-Dichloro-ethane (ug/L) | 1,1-Dichloro-ethene (ug/L) | Methylene Chloride (ug/L) | Toluene (ug/L) | Bromoform (ug/L) | Dibromochloromethane (ug/L) | Naphthalene (ug/L) | m,p-Xylene (ug/L) | o-Xylene (ug/L) | Ethylbenzene (ug/L) | Chloroethane (ug/L) | Acetone (ug/L) |
|---------------|-------------------------|------------|------------|------------|-------------------|-------------|-------------------|-----------------------|----------------------------|----------------------------|---------------------------|----------------|------------------|-----------------------------|--------------------|-------------------|-----------------|---------------------|---------------------|----------------|
|               | ARAR's                  | 5          | 5          | 5          | 7                 | NE          | 300               | 300                   | 5                          | 5                          | 5                         | NE             | NE               | NE                          | NE                 | 5                 | 5               | NE                  | NE                  | NE             |
| RW-7          | 08-Apr-10               | 5.0        | ND<1       | ND<1       | ND<1              | ND<1        | 0.118             | 0.0679                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 25-May-10               | 8.0        | ND<1       | 0.73       | ND<1              | ND<1        | 0.070             | 0.0304                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 15-Jun-10               | 6.9        | ND<1       | 3.2        | ND<1              | ND<1        | 0.115             | 0.0284                | 2.2                        | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 20-Jul-10               | 1.2        | ND<1       | 1.0        | ND<1              | ND<1        | 0.309             | 0.0694                | 0.44                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | Aug-10 <sup>1/</sup>    | NS         | NS         | NS         | NS                | NS          | NS                | NS                    | NS                         | NS                         | NS                        | NS             | NS               | NS                          | NS                 | NS                | NS              | NS                  | NS                  | NS             |
|               | 16-Sep-10               | ND<1       | ND<1       | 0.67       | ND<1              | ND<1        | 0.163             | 0.0343                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 13-Oct-10               | 4.6        | ND<1       | 2.4        | ND<1              | ND<1        | 0.480             | 0.1430                | 0.89                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 16-Nov-10               | 3.8        | ND<1       | ND<1       | ND<1              | ND<1        | 0.239             | 0.1490                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 14-Dec-10               | 0.9 J      | ND<1       | ND<1       | ND<1              | ND<1        | 0.802             | 0.2070                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 11-Jan-11               | 1.8        | ND<1       | ND<1       | ND<1              | ND<1        | 0.198             | 0.0280                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 17-Feb-11               | 0.9 J      | ND<1       | ND<1       | ND<1              | ND<1        | 0.752             | 0.0120                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 10-Mar-11               | 1.8        | ND<1       | ND<1       | ND<1              | ND<1        | 2.34              | 0.0190                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 12-Apr-11               | 1.4        | ND<1       | ND<1       | ND<1              | ND<1        | 0.43              | 0.1180                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 23-May-11               | 0.5 J      | ND<1       | ND<1       | ND<1              | ND<1        | 0.37              | 0.1600                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 21-Jun-11               | 1.7        | ND<1       | ND<1       | ND<1              | ND<1        | 1.30              | 0.0610                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 12-Jul-11               | 0.5 J      | ND<1       | ND<1       | ND<1              | ND<1        | 0.27              | 0.1430                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 23-Aug-11               | 0.8 J      | ND<1       | ND<1       | ND<1              | ND<1        | 0.64              | 0.1320                | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 9/15/2011 <sup>3/</sup> | NS         | NS         | NS         | NS                | NS          | NS                | 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                     | 0.36 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 8-Nov-11                | 4.4        | 0.15 J     | 0.60       | ND<0.5            | 0.25        | --                | --                    | 0.59                       | ND<0.5                     | 0.82 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 20-Dec-11               | 2.2        | 0.11 J     | 0.43 J     | 0.11 J            | 0.13        | --                | --                    | 0.28 J                     | ND<0.5                     | 0.50 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 24-Jan-12               | 1.4        | ND<0.5     | 0.33 J     | 0.15 J            | 0.20 J      | --                | --                    | 0.22 J                     | ND<0.5                     | 0.37 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | 0.47 J,B           | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | 2.0 B          |
|               | 14-Feb-12               | 1.9        | 0.11 J     | 0.40 J     | 0.18 J            | ND<0.5      | --                | --                    | 0.28 J                     | ND<0.5                     | 0.38 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | 1.8 J,B        |
|               | 19-Mar-12               | 2.2        | 0.12 J     | 0.29 J     | ND<0.5            | 0.11 J      | --                | --                    | 0.02 J                     | ND<0.5                     | 1.3 J,B                   | ND<0.5         | ND<0.5           | ND<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
| RW-8          | 08-Apr-10               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 9.18              | 0.20                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 25-May-10               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 4.94              | 0.04                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 15-Jun-10               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 9.84              | 2.42                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 20-Jul-10               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 9.69              | 0.02                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | Aug-10 <sup>1/</sup>    | NS         | NS         | NS         | NS                | NS          | NS                | NS                    | NS                         | NS                         | NS                        | NS             | NS               | NS                          | NS                 | NS                | NS              | NS                  | NS                  | NS             |
|               | 16-Sep-10               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 7.88              | 0.06                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 13-Oct-10               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 10.8              | 0.13                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 16-Nov-10               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 8.29              | 0.42                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 14-Dec-10               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 6.96              | 1.83                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 11-Jan-11               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 22.4              | 0.06                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 17-Feb-11               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 11.2              | 0.02                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 10-Mar-11               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 4.34              | 0.23                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 12-Apr-11               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 7.23              | 1.24                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 23-May-11               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 1.58              | 0.57                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 21-Jun-11               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 5.48              | 2.52                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 12-Jul-11               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 11.6              | 0.05                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 23-Aug-11               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 9.81              | 0.05                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 15-Sep-11               | ND<5       | ND<5       | ND<5       | ND<5              | ND<5        | -                 | -                     | ND<5                       | ND<1                       | 4.4 J,B                   | ND<5           | ND<5             | ND<5                        | ND<5               | ND<10             | ND<5            | ND<5                | ND<5                | 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                     | 0.40 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 8-Nov-11                | 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<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 20-Dec-11               | 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<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 24-Jan-12               | 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<0.5                      | 2.0 B              | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 14-Feb-12               | 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<0.5                      | 2.0 B              | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | 1.6 J,B        |
|               | 19-Mar-12               | 0.12 J     | 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<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |

TABLE 4

**GROUNDWATER REMEDIAL ACTION  
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SAG HARBOR, NEW YORK**

**Recovery Well Water Quality Results**

| Recovery Well | Date Sampled            | PCE (ug/L) | TCE (ug/L) | TCA (ug/L) | Chloroform (ug/L) | MTBE (ug/L) | Total Iron (mg/L) | Dissolved Iron (mg/L) | 1,1-Dichloro-ethane (ug/L) | 1,1-Dichloro-ethene (ug/L) | Methylene Chloride (ug/L) | Toluene (ug/L) | Bromoform (ug/L) | Dibromochloromethane (ug/L) | Naphthalene (ug/L) | m,p-Xylene (ug/L) | o-Xylene (ug/L) | Ethylbenzene (ug/L) | Chloroethane (ug/L) | Acetone (ug/L) |
|---------------|-------------------------|------------|------------|------------|-------------------|-------------|-------------------|-----------------------|----------------------------|----------------------------|---------------------------|----------------|------------------|-----------------------------|--------------------|-------------------|-----------------|---------------------|---------------------|----------------|
|               | ARAR's                  | 5          | 5          | 5          | 7                 | NE          | 300               | 300                   | 5                          | 5                          | 5                         | NE             | NE               | NE                          | NE                 | 5                 | 5               | NE                  | NE                  | NE             |
| RW-9          | 08-Apr-10               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 1.70              | 0.18                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 25-May-10               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 0.44              | 0.03                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 15-Jun-10               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 0.93              | 0.07                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 20-Jul-10               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 18.00             | 0.06                  | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | Aug-10 <sup>1/</sup>    | NS         | NS         | NS         | NS                | NS          | NS                | NS                    | NS                         | NS                         | NS                        | NS             | NS               | NS                          | NS                 | NS                | NS              | NS                  | NS                  | NS             |
|               | 16-Sep-10               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 1.91              | 0.694                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 13-Oct-10               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 53.30             | 0.027                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 16-Nov-10               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 3.18              | 0.723                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 14-Dec-10 <sup>2/</sup> | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 3.36              | 1.130                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 11-Jan-11               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 2.79              | 0.143                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 17-Feb-11               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 2.55              | 0.034                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 10-Mar-11               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 0.65              | 0.048                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 12-Apr-11               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 5.26              | 0.991                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 23-May-11               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 3.53              | 0.389                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 21-Jun-11               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 0.50              | 0.054                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 12-Jul-11               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 5.06              | 0.030                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 23-Aug-11               | ND<1       | ND<1       | ND<1       | ND<1              | ND<1        | 5.34              | 0.060                 | ND<1                       | ND<1                       | ND<1                      | ND<1           | ND<1             | ND<1                        | ND<1               | ND<2              | ND<1            | ND<1                | ND<1                | ND<1           |
|               | 15-Sep-11               | ND<5       | ND<5       | ND<5       | ND<5              | ND<5        | -                 | -                     | ND<5                       | ND<1                       | 4.6 J,B                   | ND<5           | ND<5             | ND<5                        | ND<5               | ND<10             | ND<5            | ND<5                | ND<5                | 3.4 J,B        |
|               | 18-Oct-11               | 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<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 8-Nov-11                | ND<0.5     | ND<0.5     | ND<0.5     | 0.16              | ND<0.5      | -                 | -                     | ND<0.5                     | ND<0.5                     | 0.82 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | 0.16                | ND<2           |
|               | 20-Dec-11               | 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<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 24-Jan-12               | ND<0.5     | ND<0.5     | ND<0.5     | ND<0.5            | 0.14 J      | -                 | -                     | ND<0.5                     | ND<0.5                     | 0.44 J,B                  | ND<0.5         | ND<0.5           | ND<0.5                      | 0.27 J,B           | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |
|               | 14-Feb-12               | 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<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | 1.4 J,B        |
|               | 19-Mar-12               | 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<0.5                      | ND<2               | ND<1              | ND<0.5          | ND<0.5              | ND<0.5              | ND<2           |

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.

<sup>1/</sup> The FSP&T Recovery system was not operational during most of the month, due to a leaking pipe, thus the recovery wells were not sampled during August 2010.

<sup>2/</sup> Chloromethane, a constituent not previously detected, was detected in the groundwater sample collected from RW-9 at a concentration of 1.8 ug/l.

<sup>3/</sup> RW-7 was not sampled because the RW-7 pump was not operable at the time of the sampling event.

TABLE 5

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

**Recovery Well FRW-1 VOC Concentrations, micrograms per liter**

| FRW-1                                       |       |        |        |        |                 |        |        |        |         |           |              |         |                 |            |          |         |
|---------------------------------------------|-------|--------|--------|--------|-----------------|--------|--------|--------|---------|-----------|--------------|---------|-----------------|------------|----------|---------|
| Date                                        | PCE   | TCE    | 12DCE  | TCA    | 135TMB          | 124TCB | 124TMB | EB     | Benzene | o-Xylenes | m-&p-Xylenes | Toluene | VC              | Napthalene | MC       | Acetone |
| ARARs                                       | 5     | 5      | 5      | 5      | 5 <sup>1/</sup> |        |        | 5      |         | 5         | 5            | 5       | 1 <sup>1/</sup> | NE         | 5        | NE      |
| 8-Apr-10                                    | 110   | 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    |
| The FRWs were shut down on April 13, 2010   |       |        |        |        |                 |        |        |        |         |           |              |         |                 |            |          |         |
| 18-May-10                                   | 170   | 40     | 290    | 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-Jun-10                                   | 32    | ND<1   | 7.8    | 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    |
| 13-Jul-10                                   | 22    | 2.2    | 3.1    | 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    |
| 31-Aug-10                                   | 170   | ND<1   | 42     | 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    |
| 17-Sep-10                                   | 180   | 3.1    | 79     | 5.7    | ND<1            | ND<1   | ND<1   | ND<1   | ND<1    | ND<1      | ND<1         | ND<1    | ND<1            | ND<1       | ND<1     | ND<1    |
| 13-Oct-10                                   | 190   | 5.4    | 15     | 6.0    | 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-Nov-10                                   | 48    | 2.9    | 6.2    | 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    |
| 7-Dec-10                                    | 7.6   | 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    |
| 4-Jan-11                                    | 110   | 2.7    | 4.7    | 2.6    | ND<1            | ND<1   | ND<1   | ND<1   | ND<1    | ND<1      | ND<1         | ND<1    | ND<1            | ND<1       | ND<1     | ND<1    |
| The FRWs were restarted on January 20, 2011 |       |        |        |        |                 |        |        |        |         |           |              |         |                 |            |          |         |
| 20-Jan-11<br>(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    |
| 20-Jan-11<br>(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    |
| 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    |
| 17-Feb-11                                   | 46    | 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    |
| 10-Mar-11                                   | 68    | 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    |
| 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    |
| 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    |
| 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    |
| 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    |
| 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    |
| 15-Sep-11                                   | 37    | ND<5   | ND<5   | ND<5   | ND<5            | ND<5   | ND<5   | ND<1   | ND<1    | ND<1      | ND<5         | ND<5    | ND<5            | ND<10      | 4.4 J,B  | 4.0 J,B |
| 11-Oct-11                                   | 16    | ND<5   | ND<5   | ND<5   | ND<5            | ND<10  | ND<1   | ND<1   | ND<1    | ND<1      | ND<5         | ND<5    | ND<5            | ND<10      | 5.0 J,B  | --      |
| 8-Nov-11                                    | 38    | 0.41 J | 0.18 J | 0.26 J | 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          | ND<2       | 0.87 J,B | ND<2    |
| 20-Dec-11                                   | 74    | 2.4    | 12     | 1.4    | ND<0.5          | ND<2   | ND<0.5 | ND<0.5 | ND<0.5  | ND<0.5    | ND<0.5       | ND<0.5  | 0.34 J          | 0.28 J,B   | 0.36 J,B | ND<2    |
| 24-Jan-12                                   | 52    | 1.5 J  | 6.6    | ND<5   | ND<5            | ND<20  | 2.2 J  | 2.3 J  | 2.2 J   | 4.7 J     | 8.8 J        | 12      | ND<5            | 2.3 J,B    | 14 J,B   | ND<20   |
| 14-Feb-12                                   | 66    | 2.0 J  | 8.0    | ND<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   | ND<6            | 3.8 J,B    | 18 J,B   | 32.0    |
| 19-Mar-12                                   | 37    | 1.0 J  | 3.0    | 0.24 J | 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          | 0.12 J     | 1.5 J,B  | ND<2    |

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.

PCE: Tetrachloroethylene  
TCE: Trichloroethene  
12DCE: cis-1,2-Dichloroethene  
TCA: 1,1,1-Trichloroethane

124TMB:  
EB:  
VC:  
MC:

1,2,4-Trimethylbenzene  
Ethylbenzene  
Vinyl Chloride  
Methylene chloride

TABLE 6

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

**Recovery Well FRW-2 VOC Concentrations, micrograms per liter**

| FRW-2                                       |     |        |       |        |         |                 |            |            |        |         |          |         |
|---------------------------------------------|-----|--------|-------|--------|---------|-----------------|------------|------------|--------|---------|----------|---------|
| Date                                        | PCE | TCE    | 12DCE | TCA    | Toluene | VC              | Napthalene | Chloroform | EB     | Benzene | MC       | Acetone |
| ARARs                                       | 5   | 5      | 5     | 5      | 5       | 1 <sup>1/</sup> | NE         | 7          | 5      | --      | 5        | NE      |
| 8-Apr-10                                    | 46  | ND<1   | ND<1  | ND<1   | ND<1    | ND<1            | ND<1       | ND<1       | ND<1   | ND<1    | ND<1     | ND<1    |
| The FRWs were shut down on April 13, 2010   |     |        |       |        |         |                 |            |            |        |         |          |         |
| 18-May-10 <sup>2/</sup>                     | 19  | 1.3    | 3.8   | ND<1   | ND<1    | ND<1            | ND<1       | 890        | ND<1   | ND<1    | ND<1     | ND<1    |
| 17-Jun-10                                   | 87  | 3.2    | 14    | ND<1   | 0.54 J  | ND<1            | ND<1       | 51         | ND<1   | ND<1    | ND<1     | ND<1    |
| 13-Jul-10                                   | 38  | 6.7    | 8.4   | ND<1   | ND<1    | ND<1            | ND<1       | 4.4        | ND<1   | ND<1    | ND<1     | ND<1    |
| 31-Aug-10                                   | 100 | 9.2    | 12    | ND<1   | ND<1    | ND<1            | ND<1       | 10         | ND<1   | ND<1    | ND<1     | ND<1    |
| 16-Sep-10                                   | 150 | 18.0   | 34    | ND<1   | ND<1    | ND<1            | ND<1       | 9.8        | ND<1   | ND<1    | ND<1     | ND<1    |
| 13-Oct-10                                   | 110 | 7.7    | 35    | ND<1   | ND<1    | ND<1            | ND<1       | 1.8        | 0.39 J | ND<1    | ND<1     | ND<1    |
| 11-Nov-10                                   | 2.2 | ND<1   | 4.7   | ND<1   | ND<1    | ND<1            | ND<1       | ND<1       | ND<1   | ND<1    | ND<1     | ND<1    |
| 7-Dec-10                                    | 5.0 | ND<1   | 3.1   | ND<1   | ND<1    | ND<1            | ND<1       | ND<1       | ND<1   | ND<1    | ND<1     | ND<1    |
| 4-Jan-11                                    | 35  | 2.2    | 4.6   | ND<1   | ND<1    | ND<1            | ND<1       | 0.3 J      | ND<1   | ND<1    | ND<1     | ND<1    |
| The FRWs were restarted on January 20, 2011 |     |        |       |        |         |                 |            |            |        |         |          |         |
| 20-Jan-11<br>(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    |
| 20-Jan-11<br>(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    |
| 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    |
| 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    |
| 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    |
| 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    |
| 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    |
| 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    |
| 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    |
| 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    |
| 15-Sep-11                                   | 24  | 1.4 J  | 1.4 J | 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<10      | ND<5       | ND<5   | ND<5    | 4.0 J,B  | --      |
| 8-Nov-11                                    | 27  | 2.7    | 16    | ND<0.5 | 0.33 J  | ND<0.5          | 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          | 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          | 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 | 1.33 J  | ND<0.5          | 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 | ND<0.5  | 0.10 J          | ND<2       | ND<0.5     | ND<0.5 | 0.10 J  | 1.8 J,B  | ND<2    |

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.

2. During the May 2010 sampling event 2-Butanone (33 ug/l), bromodichloromethane (7.7 ug/l), carbon tetrachloride (1.4 ug/l) and chloroform (890 ug/l) were also detected in the groundwater sample from FRW-2. With the exception of 2-Butanone these detections are believed to have been caused by residual chlorine solution in the below grade pipes from the 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.

PCE: Tetrachloroethylene  
TCE: Trichloroethene  
12DCE: cis-1,2-Dichloroethene  
TCA: 1,1,1-Trichloroethane

VC: Vinyl chloride  
EB: Ethylbenzene  
MC: Methylene chloride

TABLE 7

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

Recovery Well FRW-3 VOC Concentrations, micrograms per liter

| FRW-3                                       |      |       |       |        |                 |                 |        |        |              |         |                 |            |        |                 |                 |            |        |          |         |
|---------------------------------------------|------|-------|-------|--------|-----------------|-----------------|--------|--------|--------------|---------|-----------------|------------|--------|-----------------|-----------------|------------|--------|----------|---------|
| Date                                        | PCE  | TCE   | 12DCE | TCA    | IPB             | NPB             | EB     | 11DCA  | m-&p-Xylenes | Toluene | VC              | Napthalene | p-IPT  | SBB             | 1,3,5TMB        | Chloroform | CM     | MC       | Acetone |
| ARARs                                       | 5    | 5     | 5     | 5      | 5 <sup>1/</sup> | 5 <sup>1/</sup> | 5      | 5      |              | 5       | 1 <sup>1/</sup> |            |        | 5 <sup>1/</sup> | 5 <sup>1/</sup> | 7          | 5      | 5        | NE      |
| 8-Apr-10                                    | 240  | ND<1  | 38    | ND<1   | ND<1            | ND<1            | ND<1   | ND<1   | ND<1         | ND<1    | ND<1            | ND<1       | ND<2   | ND<1            | ND<1            | ND<1       | ND<1   | ND<1     | ND<1    |
| The FRWs were shut down on April 13, 2010   |      |       |       |        |                 |                 |        |        |              |         |                 |            |        |                 |                 |            |        |          |         |
| 18-May-10 <sup>2/</sup>                     | 180  | 1.9   | 9.8   | ND<1   | ND<1            | ND<1            | ND<1   | ND<1   | ND<1         | ND<1    | ND<1            | ND<1       | ND<1   | ND<1            | ND<1            | 580        | 4.4    | ND<1     | ND<1    |
| 17-June-10 <sup>3/</sup>                    | NS   | NS    | NS    | NS     | NS              | NS              | ND<1   | NS     | NS           | NS      | NS              | NS         | NS     | NS              | NS              | NS         | NS     | NS       | NS      |
| 13-Jul-10                                   | 10   | ND<1  | 47    | 1.4    | 6.7             | 2.1             | ND<1   | ND<1   | ND<1         | ND<1    | ND<1            | ND<1       | ND<1   | 1.1             | ND<1            | 21         | ND<1   | ND<1     | ND<1    |
| 31-Aug-10                                   | 78   | 13    | 190   | ND<1   | ND<1            | ND<1            | ND<1   | ND<1   | ND<1         | ND<1    | ND<1            | ND<1       | ND<1   | ND<1            | ND<1            | 13         | ND<1   | ND<1     | ND<1    |
| 16-Sep-10                                   | 110  | 12    | 62    | 1.8    | ND<1            | ND<1            | ND<1   | ND<1   | ND<1         | ND<1    | ND<1            | ND<1       | ND<1   | ND<1            | ND<1            | 4.4        | ND<1   | ND<1     | ND<1    |
| 13-Oct-10                                   | 9.8  | ND<1  | 22    | ND<1   | 5.8             | 2.9             | 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    |
| 11-Nov-10                                   | ND<1 | ND<1  | 11    | 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    |
| 7-Dec-10                                    | 1.9  | ND<1  | 4.7   | ND<1   | 1.2             | 0.53 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    |
| 4-Jan-11                                    | 13   | 0.8 J | 5.6   | ND<1   | 0.9 J           | 0.38 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    |
| The FRWs were restarted on January 20, 2011 |      |       |       |        |                 |                 |        |        |              |         |                 |            |        |                 |                 |            |        |          |         |
| 20-Jan-11 (10:04 AM)                        | 7.6  | ND<1  | 5.2   | ND<1   | 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    |
| 20-Jan-11 (1:34 PM)                         | ND<1 | ND<1  | 1.8   | ND<1   | 0.8 J           | 0.4 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    |
| 25-Jan-11                                   | ND<1 | 1.3   | 2.6   | ND<1   | 0.6 J           | 0.4 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    |
| 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    |
| 10-Mar-11                                   | 19   | 2.6   | 17    | ND<1   | 0.6 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    |
| 26-Apr-11                                   | 60   | 2.8   | 11    | ND<1   | 0.7 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     | ND<1    |
| 11-May-11                                   | 85   | 3.5   | 13    | ND<1   | 0.7 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     | 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    |
| 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    |
| 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    |
| 15-Sep-11                                   | 16   | 1.5 J | 2.4 J | ND<5   | 3.6 J           | 3.0 J           | ND<5   | ND<5   | ND<5         | ND<5    | ND<5            | ND<20      | ND<5   | ND<5            | ND<5            | ND<5       | ND<5   | 4.5 J.B  | 4.4 J.B |
| 11-Oct-11                                   | 28   | 2.5   | 15    | 2.5 J  | 1.6 J           | 1.0 J           | ND<5   | ND<5   | ND<5         | ND<5    | ND<5            | ND<20      | ND<5   | ND<5            | ND<5            | ND<5       | ND<5   | 4.6 J.B  | --      |
| 8-Nov-11                                    | 36   | 0.78  | 3.0   | 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          | ND<0.5     | ND<0.5 | 0.75 J.B | ND<2    |
| 20-Dec-11                                   | 68   | 4.3   | 9.7   | 0.74   | ND<0.5          | ND<0.5          | ND<0.5 | 0.21 J | ND<0.5       | ND<0.5  | 0.28 J          | ND<2       | ND<0.5 | ND<0.5          | ND<0.5          | ND<0.5     | ND<0.5 | 0.43 J.B | ND<2    |
| 24-Jan-12                                   | 23   | 1.7   | 12    | ND<0.5 | 1.8             | 0.9             | 0.12 J | ND<0.5 | ND<0.5       | 0.16 J  | 0.64            | 0.12 J.B   | ND<0.5 | ND<0.5          | ND<0.5          | ND<0.5     | ND<0.5 | 0.34 J.B | ND<2    |
| 14-Feb-12                                   | 22   | 1.3   | 3.4   | ND<0.5 | 1.8             | 1.4             | 0.10 J | ND<0.5 | 0.15 J       | 0.10 J  | 0.33 J          | 0.19 J.B   | ND<0.5 | ND<0.5          | 0.27 J          | ND<0.5     | ND<0.5 | 0.38 J.B | ND<2    |
| 19-Mar-12                                   | 12   | 1.1   | 4.0   | ND<0.5 | 1.7             | 0.97            | 0.18 J | ND<0.5 | 0.15 J       | 0.11 J  | 0.14 J          | 0.12 J     | 0.17 J | 0.11 J          | 0.19 J          | ND<0.5     | ND<0.5 | 1.5 J.B  | ND<2    |

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.  
 2. During the May 2010 sampling event 2-Butanone (19 ug/l), bromodichloromethane (15 ug/l), carbon tetrachloride (1.0ug/l) and chloroform (580 ug/l) were also detected in the groundwater sample from FRW-2. With the exception of 2-Butanone these detections are believed to have been caused by residual chlorine solution in the below grade pipes from the below grade pipe cleanout.

3. FRW-3 was not sampled during June 2010 because the pump was inoperable. The groundwater will be sampled during July following pump replacement.

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.

PCE: Tetrachloroethylene  
 TCE: Trichloroethene  
 12DCE: cis-1,2-Dichloroethene  
 TCA: 1,1,1-Trichloroethane  
 IPB: Isopropylbenzene  
 NPB: n-Propylbenzene  
 11DCA: 1,1-Dichloroethane  
 VC: Vinyl chloride

SSB: Sec-butylbenzene  
 CM: Chloromethane  
 MC: Methylene chloride  
 EB: Ethyl Benzene

TABLE 8

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

**Recovery Well FRW-4 VOC Concentrations, micrograms per liter**

| FRW-4                                       |        |        |        |        |                 |                 |                 |            |          |         |
|---------------------------------------------|--------|--------|--------|--------|-----------------|-----------------|-----------------|------------|----------|---------|
| Date                                        | PCE    | TCE    | 12DCE  | TCA    | IPB             | NPB             | VC              | Napthalene | MC       | Acetone |
| ARARs                                       | 5      | 5      | 5      | 5      | 5 <sup>1/</sup> | 5 <sup>1/</sup> | 1 <sup>1/</sup> | NE         | 5        | NE      |
| 8-Apr-10                                    | ND<1   | ND<1   | ND<1   | ND<1   | ND<1            | ND<1            | ND<1            | ND<1       | ND<1     | ND<1    |
| The FRWs were shut down on April 13, 2010   |        |        |        |        |                 |                 |                 |            |          |         |
| 18-May-10                                   | 1.7    | ND<1   | ND<1   | ND<1   | ND<1            | ND<1            | ND<1            | ND<1       | ND<1     | ND<1    |
| 15-Jun-10                                   | 0.81 J | ND<1   | ND<1   | ND<1   | ND<1            | ND<1            | ND<1            | ND<1       | ND<1     | ND<1    |
| 13-Jul-10                                   | 1.9    | ND<1   | ND<1   | ND<1   | ND<1            | ND<1            | ND<1            | ND<1       | ND<1     | ND<1    |
| 31-Aug-10                                   | ND<1   | ND<1   | ND<1   | ND<1   | ND<1            | ND<1            | ND<1            | ND<1       | ND<1     | ND<1    |
| 16-Sep-10                                   | ND<1   | 4.5    | 0.52 J | ND<1   | ND<1            | ND<1            | ND<1            | ND<1       | ND<1     | ND<1    |
| 13-Oct-10                                   | ND<1   | ND<1   | ND<1   | ND<1   | ND<1            | ND<1            | ND<1            | ND<1       | ND<1     | ND<1    |
| 11-Nov-10                                   | ND<1   | ND<1   | ND<1   | ND<1   | ND<1            | ND<1            | ND<1            | ND<1       | ND<1     | ND<1    |
| 7-Dec-10                                    | 0.58 J | ND<1   | ND<1   | ND<1   | ND<1            | ND<1            | ND<1            | ND<1       | ND<1     | ND<1    |
| 4-Jan-11                                    | ND<1   | ND<1   | ND<1   | ND<1   | ND<1            | ND<1            | ND<1            | ND<1       | ND<1     | ND<1    |
| The FRWs were restarted on January 20, 2011 |        |        |        |        |                 |                 |                 |            |          |         |
| 20-Jan-11<br>(10:06 AM)                     | ND<1   | ND<1   | ND<1   | ND<1   | ND<1            | ND<1            | ND<1            | ND<1       | ND<1     | ND<1    |
| 20-Jan-11<br>(1:36 PM)                      | 1.7    | 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    |
| 17-Feb-11                                   | 2.3    | 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    |
| 26-Apr-11                                   | 1.7    | 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    |
| 6-Jun-11                                    | 2.8    | ND<1   | 0.7 J  | 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    |
| 18-Aug-11                                   | 2.8    | ND<1   | 1.0    | 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<10      | 4.8 J,B  | 4.5 J,B |
| 11-Oct-11                                   | 13     | 2.0 J  | 1.6 J  | ND<5   | ND<5            | ND<5            | ND<5            | ND<10      | 4.3 J,B  | --      |
| 8-Nov-11                                    | 30     | 1.8    | 6.0    | 0.19 J | 0.19 J          | 0.13 J          | ND<0.5          | ND<2       | 0.77 J,B | ND<2    |
| 20-Dec-11                                   | 39     | 1.7    | 2.4    | 0.44 J | ND<0.5          | ND<0.5          | ND<0.5          | 0.21 J,B   | 0.47 J,B | ND<2    |
| 24-Jan-12                                   | 15     | 0.83   | 4.6    | 0.13 J | 0.12 J          | ND<0.5          | ND<0.5          | ND<2       | 0.31 J,B | 1.2 J,B |
| 14-Feb-12                                   | 25     | 0.98   | 3.3    | 0.14 J | 0.15 J          | 0.10 J          | ND<0.5          | 0.13 J,B   | 0.55 J,B | ND<2    |
| 19-Mar-12                                   | 22     | 1.20   | 6.8    | 0.14 J | 0.16 J          | ND<0.5          | 0.11 J          | ND<2       | 1.6 J,B  | 1.2 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.

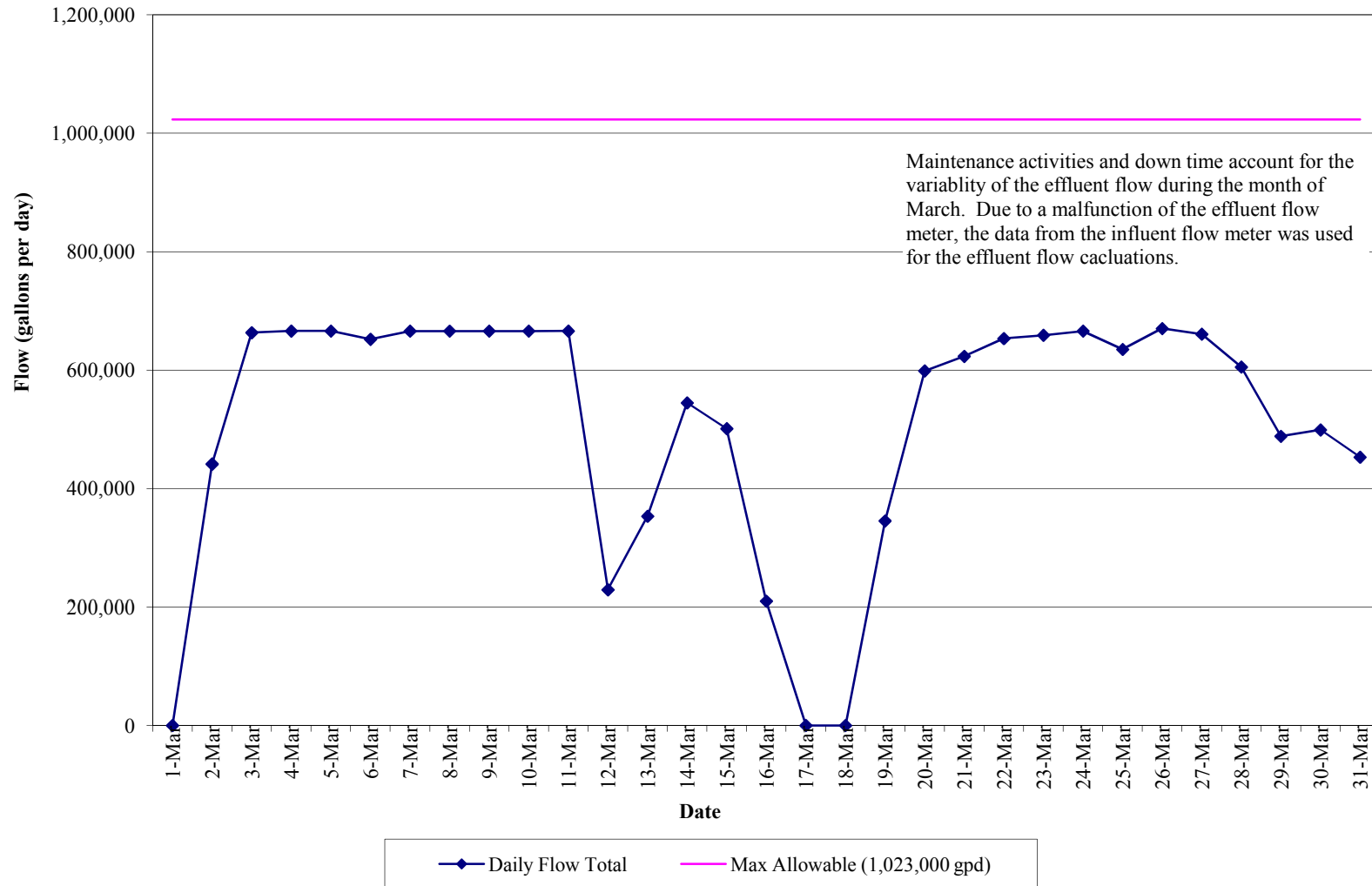
PCE: Tetrachloroethylene  
TCE: Trichloroethene  
12DCE: cis-1,2-Dichloroethene  
TCA: 1,1,1-Trichloroethane

IPB: Isopropylbenzene  
NPB: n-Propylbenzene  
VC: Vinyl Chloride  
MC: Methylene chloride

## GRAPHS

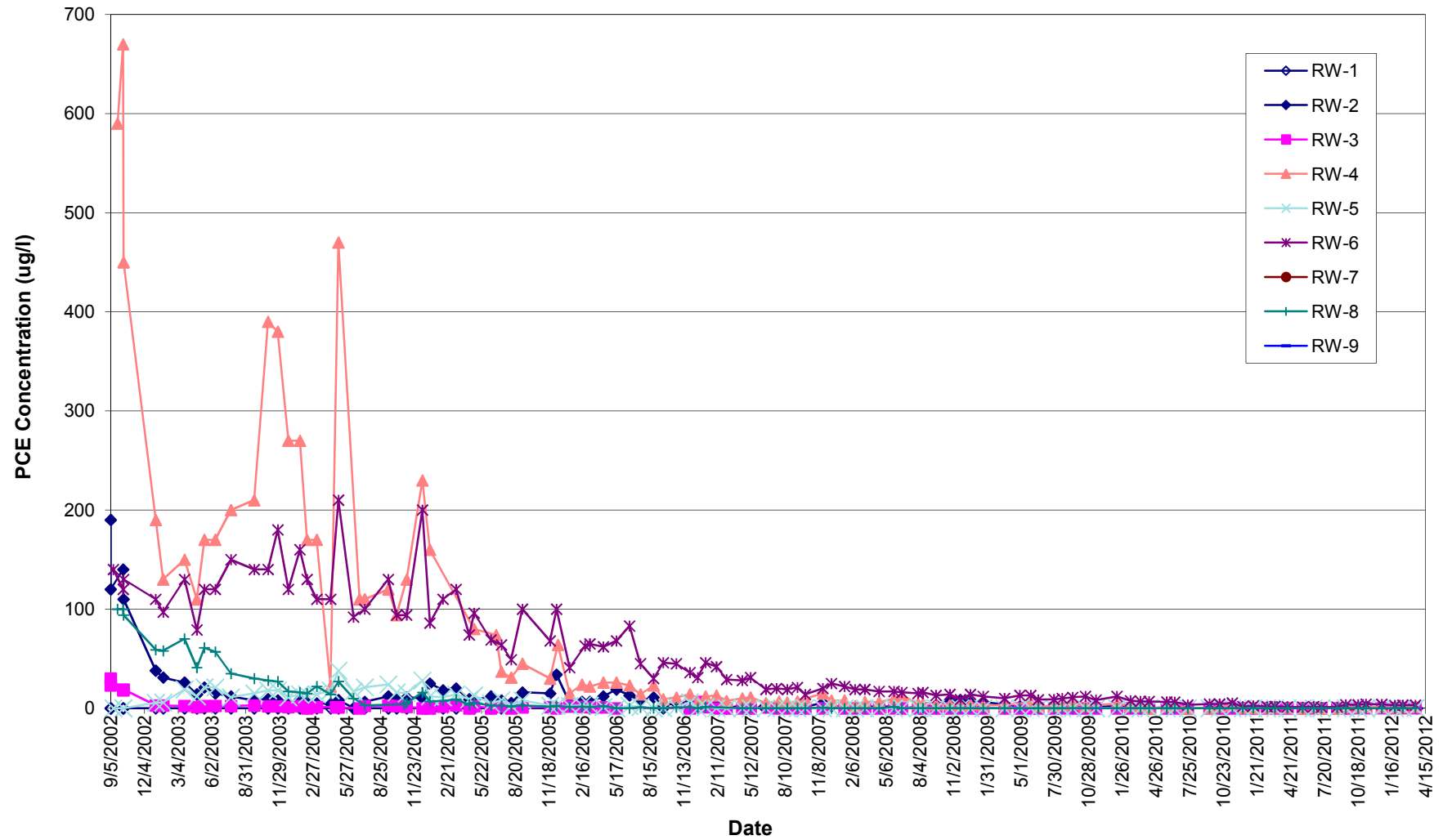
**GRAPH 1**  
**GROUNDWATER REMEDIAL ACTION**  
**ROWE INDUSTRIES SUPERFUND SITE**  
**SAG HARBOR, NEW YORK**

**Effluent Flow Data**  
**(March 1, 2012 to March 31, 2012)**



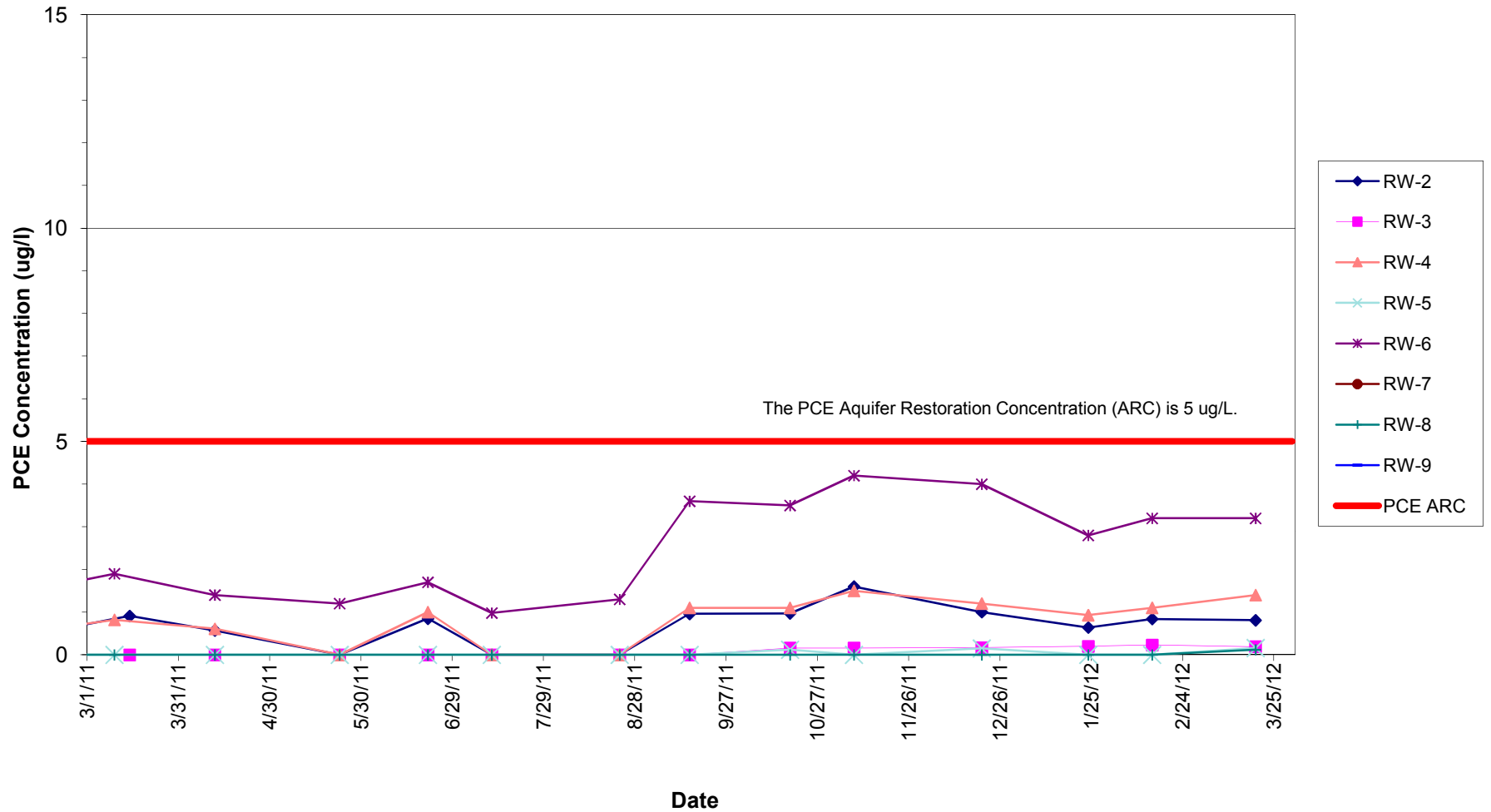
# **GRAPH 2** **GROUNDWATER REMEDIAL ACTION** **ROWE INDUSTRIES SUPERFUND SITE** **SAG HARBOR, NEW YORK**

**FSP&T Recovery Well PCE Concentration in Micrograms per Liter**



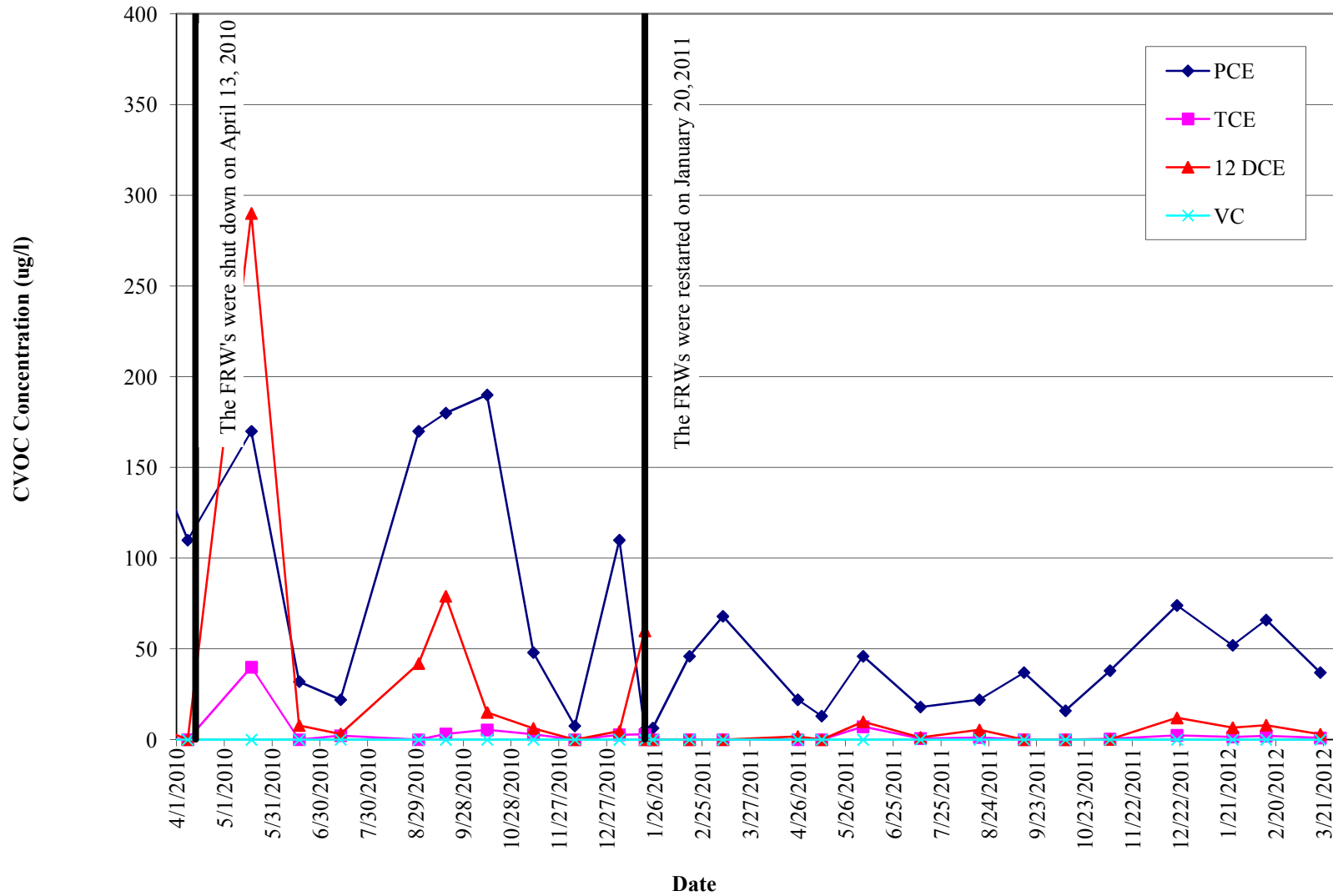
# **GRAPH 3** **GROUNDWATER REMEDIAL ACTION** **ROWE INDUSTRIES SUPERFUND SITE** **SAG HARBOR, NEW YORK**

## **FSP&T Recovery Well PCE Concentration**



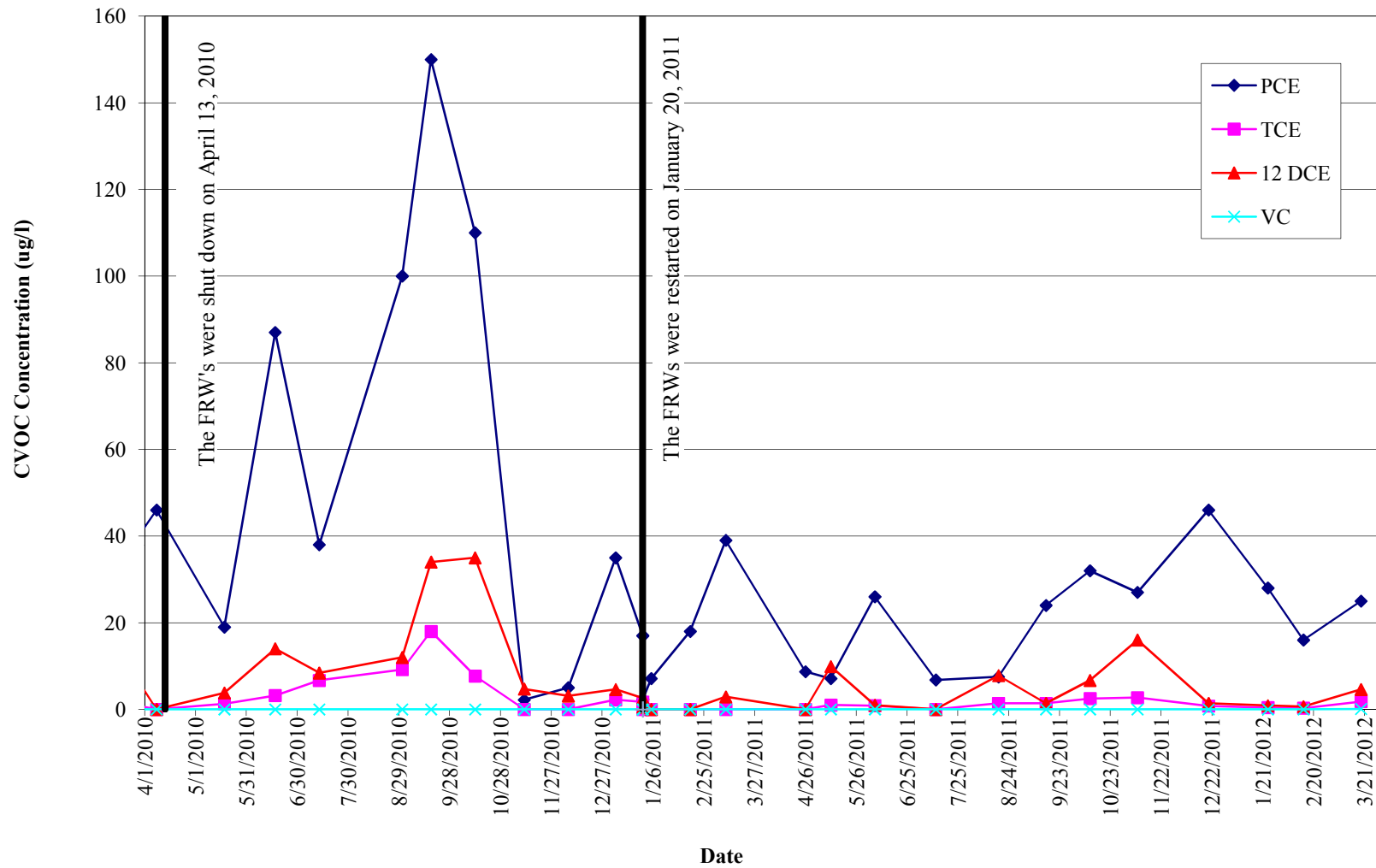
**GRAPH 4**  
**GROUNDWATER REMEDIAL ACTION**  
**ROWE INDUSTRIES SUPERFUND SITE**  
**SAG HARBOR, NEW YORK**

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



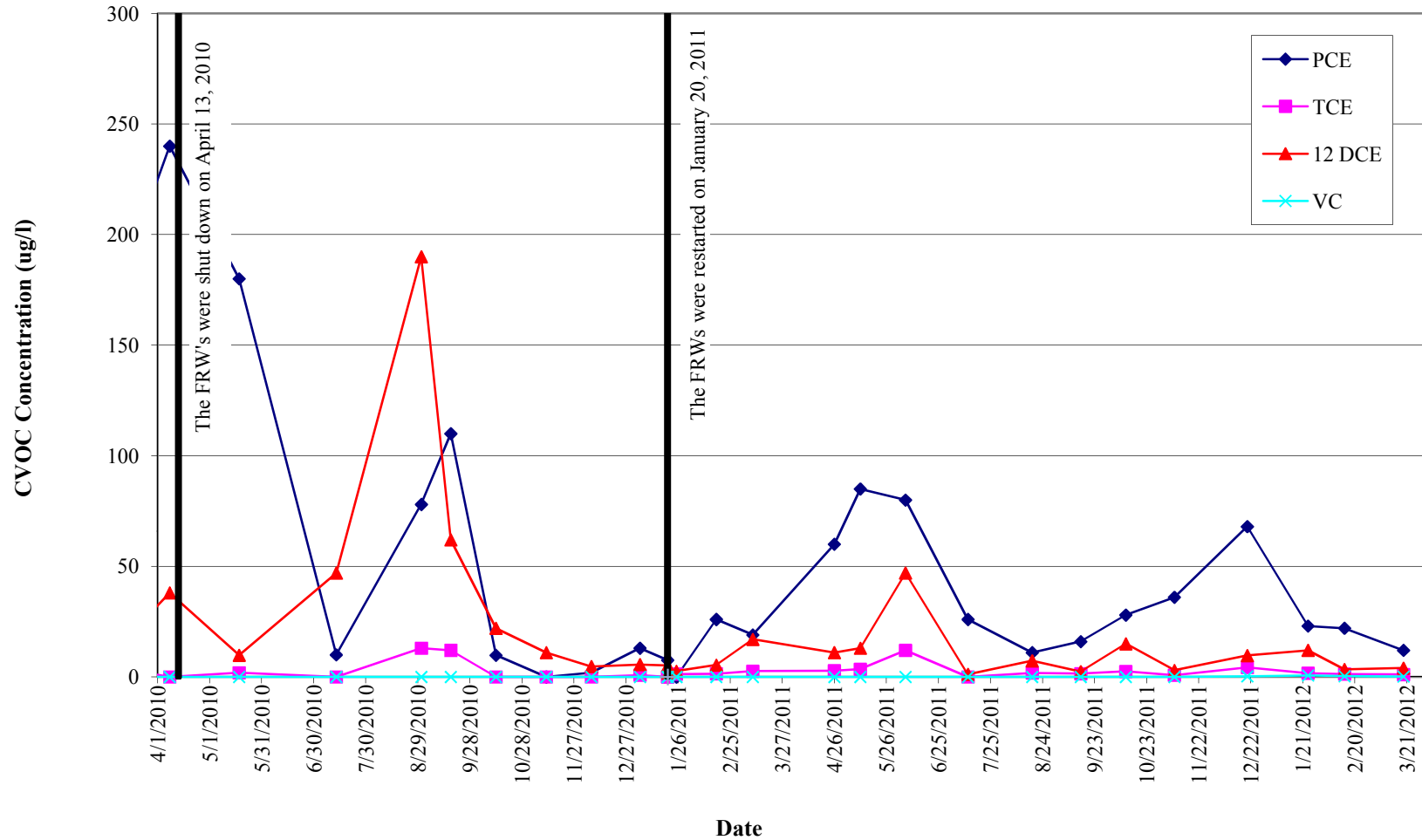
**GRAPH 5**  
**GROUNDWATER REMEDIAL ACTION**  
**ROWE INDUSTRIES SUPERFUND SITE**  
**SAG HARBOR, NEW YORK**

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



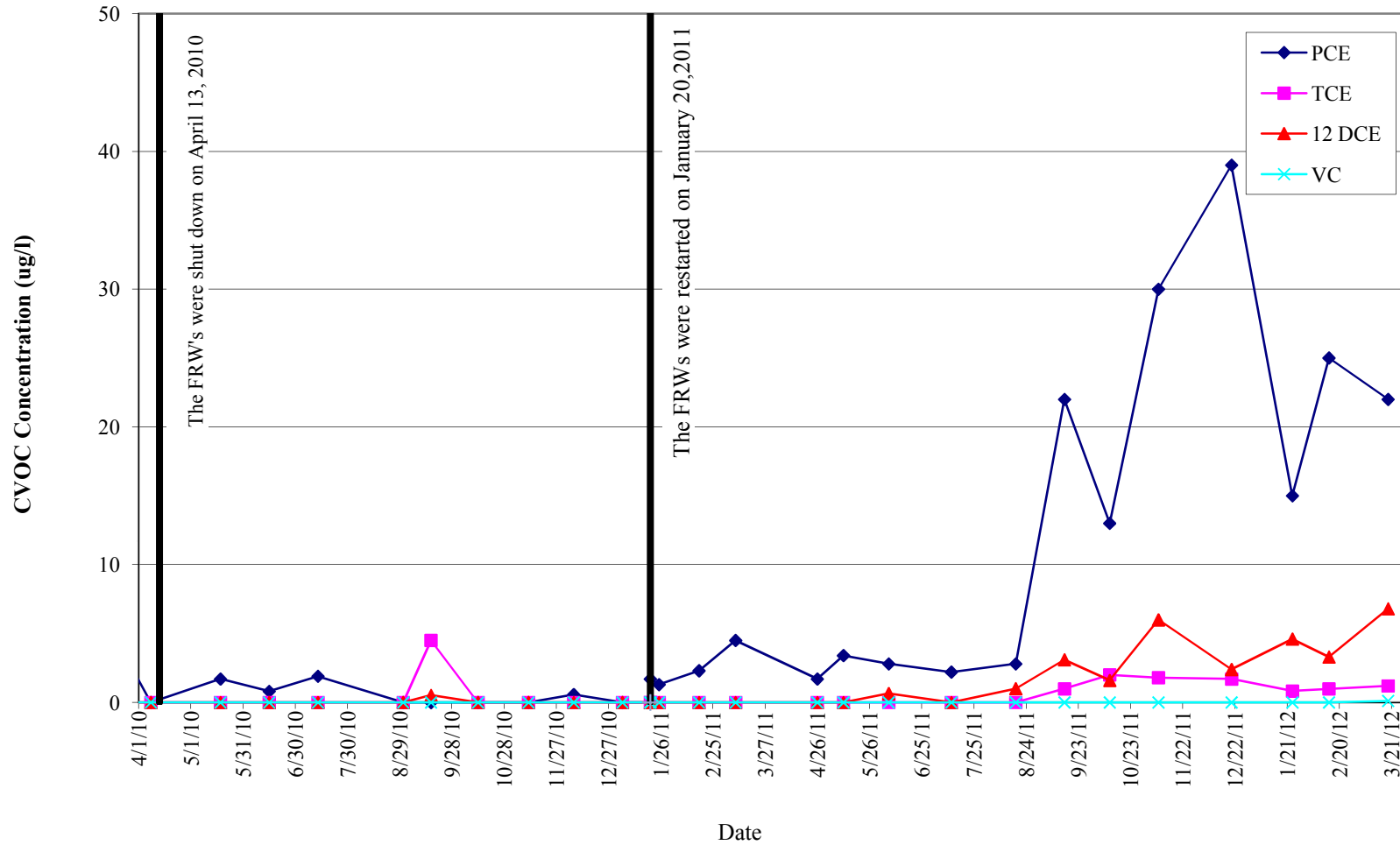
**GRAPH 6  
GROUNDWATER REMEDIAL ACTION  
ROWE INDUSTRIES SUPERFUND SITE  
SAG HARBOR, NEW YORK**

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



**GRAPH 7**  
**GROUNDWATER REMEDIAL ACTION**  
**ROWE INDUSTRIES SUPERFUND SITE**  
**SAG HARBOR, NEW YORK**

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



**APPENDIX I**  
**MARCH 2012 LABORATORY ANALYTICAL REPORTS**  
**FOR FSP&T SYSTEM**

# Technical Report

prepared for:

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

Report Date: 03/19/2012  
**Client Project ID: Rowe Industries**  
York Project (SDG) No.: 12C0365

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 03/19/2012  
Client Project ID: Rowe Industries  
York Project (SDG) No.: 12C0365

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

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## 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 12, 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> |
|-----------------------|-------------------------|---------------|-----------------------|----------------------|
| 12C0365-01            | WQ3212:910NP2-6         | Water         | 03/02/2012            | 03/12/2012           |
| 12C0365-02            | WQ3212:915NP2-7         | Water         | 03/02/2012            | 03/12/2012           |
| 12C0367-01            | WQ3212:920NP2-10        | Water         | 03/02/2012            | 03/12/2012           |

## General Notes for York Project (SDG) No.: 12C0365

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: 03/19/2012

Robert Q. Bradley  
Executive Vice President / Laboratory Director

**YORK**

### Sample Information

**Client Sample ID:** WQ3212:910NP2-6

**York Sample ID:** 12C0365-01

York Project (SDG) No.

12C0365

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

March 2, 2012 9:10 am

Date Received

03/12/2012

### 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  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 71-55-6  | <b>1,1,1-Trichloroethane</b>                         | <b>0.27</b> | J    | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 75-34-3  | <b>1,1-Dichloroethane</b>                            | <b>0.13</b> | J    | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND          |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 591-78-6 | 2-Hexanone                                           | ND          |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 106-43-4 | 4-Chlorotoluene                                      | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 67-64-1  | <b>Acetone</b>                                       | <b>2.1</b>  | B    | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 71-43-2  | Benzene                                              | ND          |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 108-86-1 | Bromobenzene                                         | ND          |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 74-97-5  | Bromochloromethane                                   | ND          |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 75-27-4  | Bromodichloromethane                                 | ND          |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 75-25-2  | Bromoform                                            | ND          |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 74-83-9  | Bromomethane                                         | ND          |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 56-23-5  | Carbon tetrachloride                                 | ND          |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 108-90-7 | Chlorobenzene                                        | ND          |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |

### Sample Information

**Client Sample ID:** WQ3212:910NP2-6

**York Sample ID:** 12C0365-01

York Project (SDG) No.  
12C0365

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 2, 2012 9:10 am

Date Received  
03/12/2012

**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  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 67-66-3                     | <b>Chloroform</b>                | <b>0.17</b>   | J                       | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 74-87-3                     | Chloromethane                    | ND            |                         | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 156-59-2                    | cis-1,2-Dichloroethylene         | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 10061-01-5                  | cis-1,3-Dichloropropylene        | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 124-48-1                    | Dibromochloromethane             | ND            |                         | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 74-95-3                     | Dibromomethane                   | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 75-71-8                     | Dichlorodifluoromethane          | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 100-41-4                    | Ethyl Benzene                    | ND            |                         | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 87-68-3                     | Hexachlorobutadiene              | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 98-82-8                     | Isopropylbenzene                 | ND            |                         | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)   | ND            |                         | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>        | <b>0.96</b>   | B, J                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 91-20-3                     | <b>Naphthalene</b>               | <b>0.32</b>   | B, J                    | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 1330-20-7P/M                | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 127-18-4                    | <b>Tetrachloroethylene</b>       | <b>1.1</b>    |                         | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 79-01-6                     | <b>Trichloroethylene</b>         | <b>0.11</b>   | J                       | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 14:38   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 106 %         | 75.7-121                |       |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 96.8 %        | 71.3-131                |       |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 101 %         | 86.7-112                |       |       |      |          |                  |                    |                    |         |

### Sample Information

**Client Sample ID:** WQ3212:910NP2-6

**York Sample ID:** 12C0365-01

York Project (SDG) No.  
12C0365

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 2, 2012 9:10 am

Date Received  
03/12/2012

#### 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      | 0.183  |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA SW846-6010B  | 03/13/2012 14:52   | 03/13/2012 17:26   | 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      | 4.00   |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA 200.7        | 03/13/2012 14:52   | 03/13/2012 17:31   | MW      |

### Sample Information

**Client Sample ID:** WQ3212:915NP2-7

**York Sample ID:** 12C0365-02

York Project (SDG) No.  
12C0365

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 2, 2012 9:15 am

Date Received  
03/12/2012

#### 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  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |

### Sample Information

**Client Sample ID:** WQ3212:915NP2-7

**York Sample ID:** 12C0365-02

York Project (SDG) No.  
12C0365

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 2, 2012 9:15 am

Date Received  
03/12/2012

**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  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 594-20-7     | 2,2-Dichloropropane            | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 95-49-8      | 2-Chlorotoluene                | ND     |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 591-78-6     | 2-Hexanone                     | ND     |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 106-43-4     | 4-Chlorotoluene                | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 67-64-1      | Acetone                        | 2.1    | B    | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 71-43-2      | Benzene                        | ND     |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 108-86-1     | Bromobenzene                   | ND     |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 74-97-5      | Bromochloromethane             | ND     |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 75-27-4      | Bromodichloromethane           | ND     |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 75-25-2      | Bromoform                      | ND     |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 74-83-9      | Bromomethane                   | ND     |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 56-23-5      | Carbon tetrachloride           | ND     |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 108-90-7     | Chlorobenzene                  | ND     |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 75-00-3      | Chloroethane                   | ND     |      | ug/L  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 67-66-3      | Chloroform                     | ND     |      | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 74-87-3      | Chloromethane                  | ND     |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 156-59-2     | cis-1,2-Dichloroethylene       | ND     |      | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 10061-01-5   | cis-1,3-Dichloropropylene      | ND     |      | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 124-48-1     | Dibromochloromethane           | ND     |      | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 74-95-3      | Dibromomethane                 | ND     |      | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 75-71-8      | Dichlorodifluoromethane        | ND     |      | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 100-41-4     | Ethyl Benzene                  | ND     |      | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 87-68-3      | Hexachlorobutadiene            | ND     |      | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 98-82-8      | Isopropylbenzene               | ND     |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 1634-04-4    | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 75-09-2      | Methylene chloride             | 0.95   | B, J | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 91-20-3      | Naphthalene                    | 0.17   | J, B | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 104-51-8     | n-Butylbenzene                 | ND     |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 103-65-1     | n-Propylbenzene                | ND     |      | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 95-47-6      | o-Xylene                       | ND     |      | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 1330-20-7P/M | p- & m- Xylenes                | ND     |      | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 99-87-6      | p-Isopropyltoluene             | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 135-98-8     | sec-Butylbenzene               | ND     |      | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 100-42-5     | Styrene                        | ND     |      | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |

### Sample Information

**Client Sample ID:** WQ3212:915NP2-7

**York Sample ID:** 12C0365-02

York Project (SDG) No.  
12C0365

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 2, 2012 9:15 am

Date Received  
03/12/2012

#### 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  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 127-18-4   | Tetrachloroethylene         | ND     |      | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 108-88-3   | Toluene                     | ND     |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 156-60-5   | trans-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND     |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 79-01-6    | Trichloroethylene           | ND     |      | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 75-69-4    | Trichlorofluoromethane      | ND     |      | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 75-01-4    | Vinyl Chloride              | ND     |      | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |
| 1330-20-7  | Xylenes, Total              | ND     |      | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 15:21   | SS      |

#### Surrogate Recoveries

#### Result

#### Acceptance Range

17060-07-0 *Surrogate: 1,2-Dichloroethane-d4*

100 %

75.7-121

460-00-4 *Surrogate: p-Bromofluorobenzene*

93.7 %

71.3-131

2037-26-5 *Surrogate: Toluene-d8*

101 %

86.7-112

#### 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      | 0.464  |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA SW846-6010B  | 03/13/2012 14:52   | 03/13/2012 17:36   | 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      | 4.94   |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA 200.7        | 03/13/2012 14:52   | 03/13/2012 17:40   | MW      |

### Sample Information

**Client Sample ID:** WQ3212:920NP2-10

**York Sample ID:** 12C0367-01

York Project (SDG) No.  
12C0367

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 2, 2012 9:20 am

Date Received  
03/12/2012

#### 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  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |

### Sample Information

**Client Sample ID:** WQ3212:920NP2-10

**York Sample ID:** 12C0367-01

York Project (SDG) No.  
12C0367

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 2, 2012 9:20 am

Date Received  
03/12/2012

**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  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 75-35-4    | 1,1-Dichloroethylene        | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 563-58-6   | 1,1-Dichloropropylene       | ND     |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 87-61-6    | 1,2,3-Trichlorobenzene      | ND     |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 96-18-4    | 1,2,3-Trichloropropane      | ND     |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 120-82-1   | 1,2,4-Trichlorobenzene      | ND     |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 95-63-6    | 1,2,4-Trimethylbenzene      | ND     |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 96-12-8    | 1,2-Dibromo-3-chloropropane | ND     |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 106-93-4   | 1,2-Dibromoethane           | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 95-50-1    | 1,2-Dichlorobenzene         | ND     |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 107-06-2   | 1,2-Dichloroethane          | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 78-87-5    | 1,2-Dichloropropane         | ND     |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 108-67-8   | 1,3,5-Trimethylbenzene      | ND     |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 541-73-1   | 1,3-Dichlorobenzene         | ND     |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 142-28-9   | 1,3-Dichloropropane         | ND     |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 106-46-7   | 1,4-Dichlorobenzene         | ND     |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 594-20-7   | 2,2-Dichloropropane         | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 95-49-8    | 2-Chlorotoluene             | ND     |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 591-78-6   | 2-Hexanone                  | ND     |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 106-43-4   | 4-Chlorotoluene             | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 67-64-1    | Acetone                     | 4.8    | B    | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 71-43-2    | Benzene                     | ND     |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 108-86-1   | Bromobenzene                | ND     |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 74-97-5    | Bromochloromethane          | ND     |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 75-27-4    | Bromodichloromethane        | ND     |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 75-25-2    | Bromoform                   | ND     |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 74-83-9    | Bromomethane                | ND     |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 56-23-5    | Carbon tetrachloride        | ND     |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 108-90-7   | Chlorobenzene               | ND     |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 75-00-3    | Chloroethane                | ND     |      | ug/L  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 67-66-3    | Chloroform                  | ND     |      | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 74-87-3    | Chloromethane               | ND     |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 156-59-2   | cis-1,2-Dichloroethylene    | ND     |      | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 10061-01-5 | cis-1,3-Dichloropropylene   | ND     |      | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 124-48-1   | Dibromochloromethane        | ND     |      | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |

### Sample Information

**Client Sample ID:** WQ3212:920NP2-10

**York Sample ID:** 12C0367-01

York Project (SDG) No.  
12C0367

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 2, 2012 9:20 am

Date Received  
03/12/2012

**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 |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|-------|------|----------|------------------|--------------------|--------------------|---------|
| 74-95-3                     | Dibromomethane                   | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 75-71-8                     | Dichlorodifluoromethane          | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 100-41-4                    | Ethyl Benzene                    | ND            |                         | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 87-68-3                     | Hexachlorobutadiene              | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 98-82-8                     | Isopropylbenzene                 | ND            |                         | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)   | ND            |                         | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>        | <b>0.87</b>   | B, J                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 1330-20-7P/M                | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/14/2012 15:54   | 03/15/2012 09:22   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 98.3 %        | 75.7-121                |       |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 91.1 %        | 71.3-131                |       |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 98.0 %        | 86.7-112                |       |       |      |          |                  |                    |                    |         |

### Sample Information

**Client Sample ID:** WQ3212:920NP2-10

**York Sample ID:** 12C0367-01

York Project (SDG) No.  
12C0367

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 2, 2012 9:20 am

Date Received  
03/12/2012

**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      | 1.84   |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA SW846-6010B  | 03/13/2012 14:52   | 03/13/2012 17:45   | 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      | 34.1   |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA 200.7        | 03/13/2012 14:52   | 03/13/2012 18:15   | MW      |

**Total Dissolved Solids**

**Log-in Notes:**

**Sample Notes: HT-02**

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter              | Result | Flag | Units | MDL  | RL   | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|------------------------|--------|------|-------|------|------|----------|------------------|--------------------|--------------------|---------|
|         | Total Dissolved Solids | 75.0   |      | mg/L  | 1.00 | 1.00 | 1        | SM 2540C         | 03/14/2012 16:22   | 03/14/2012 16:22   | AMC     |

## Analytical Batch Summary

**Batch ID:** BC20503

**Preparation Method:** EPA 3010A

**Prepared By:** MW

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 12C0365-01     | WQ3212:910NP2-6  | 03/13/12         |
| 12C0365-01     | WQ3212:910NP2-6  | 03/13/12         |
| 12C0365-02     | WQ3212:915NP2-7  | 03/13/12         |
| 12C0365-02     | WQ3212:915NP2-7  | 03/13/12         |
| 12C0367-01     | WQ3212:920NP2-10 | 03/13/12         |
| 12C0367-01     | WQ3212:920NP2-10 | 03/13/12         |
| BC20503-BLK1   | Blank            | 03/13/12         |
| BC20503-BLK1   | Blank            | 03/13/12         |
| BC20503-DUP1   | Duplicate        | 03/13/12         |
| BC20503-DUP1   | Duplicate        | 03/13/12         |
| BC20503-MS1    | Matrix Spike     | 03/13/12         |
| BC20503-MS1    | Matrix Spike     | 03/13/12         |
| BC20503-SRM1   | Reference        | 03/13/12         |
| BC20503-SRM1   | Reference        | 03/13/12         |

**Batch ID:** BC20529

**Preparation Method:** % Solids Prep

**Prepared By:** AMC

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 12C0367-01     | WQ3212:920NP2-10 | 03/14/12         |
| BC20529-BLK1   | Blank            | 03/14/12         |

**Batch ID:** BC20575

**Preparation Method:** EPA 5030B

**Prepared By:** AY

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 12C0367-01     | WQ3212:920NP2-10 | 03/14/12         |
| BC20575-BLK1   | Blank            | 03/14/12         |
| BC20575-BS1    | LCS              | 03/14/12         |
| BC20575-BSD1   | LCS Dup          | 03/14/12         |

**Batch ID:** BC20617

**Preparation Method:** EPA 5030B

**Prepared By:** AY

| YORK Sample ID | Client Sample ID | Preparation Date |
|----------------|------------------|------------------|
| 12C0365-01     | WQ3212:910NP2-6  | 03/15/12         |
| 12C0365-02     | WQ3212:915NP2-7  | 03/15/12         |
| BC20617-BLK1   | Blank            | 03/15/12         |
| BC20617-BS1    | LCS              | 03/15/12         |
| BC20617-BSD1   | LCS Dup          | 03/15/12         |

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

**York Analytical Laboratories, Inc.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20575 - EPA 5030B**

**Blank (BC20575-BLK1)**

Prepared: 03/14/2012 Analyzed: 03/15/2012

|                                                   |      |      |      |
|---------------------------------------------------|------|------|------|
| 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                                           | 2.9  | 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                                | 2.2  | 2.0  | "    |
| Naphthalene                                       | 0.57 | 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 BC20575 - EPA 5030B

##### Blank (BC20575-BLK1)

Prepared: 03/14/2012 Analyzed: 03/15/2012

|                             |    |      |      |
|-----------------------------|----|------|------|
| 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 | 9.45 | " | 10.0 | 94.5 | 75.7-121 |
| Surrogate: p-Bromofluorobenzene  | 9.45 | " | 10.0 | 94.5 | 71.3-131 |
| Surrogate: Toluene-d8            | 10.2 | " | 10.0 | 102  | 86.7-112 |

##### LCS (BC20575-BS1)

Prepared: 03/14/2012 Analyzed: 03/15/2012

|                                                   |      |      |      |      |          |
|---------------------------------------------------|------|------|------|------|----------|
| 1,1,1,2-Tetrachloroethane                         | 10.7 | ug/L | 10.0 | 107  | 82.3-130 |
| 1,1,1-Trichloroethane                             | 11.3 | "    | 10.0 | 113  | 75.6-137 |
| 1,1,2,2-Tetrachloroethane                         | 9.14 | "    | 10.0 | 91.4 | 71.3-131 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 12.0 | "    | 10.0 | 120  | 71.1-129 |
| 1,1,2-Trichloroethane                             | 10.1 | "    | 10.0 | 101  | 74.5-129 |
| 1,1-Dichloroethane                                | 11.3 | "    | 10.0 | 113  | 79.6-132 |
| 1,1-Dichloroethylene                              | 11.3 | "    | 10.0 | 113  | 80.2-146 |
| 1,1-Dichloropropylene                             | 8.37 | "    | 10.0 | 83.7 | 75-136   |
| 1,2,3-Trichlorobenzene                            | 10.6 | "    | 10.0 | 106  | 66.1-136 |
| 1,2,3-Trichloropropane                            | 9.21 | "    | 10.0 | 92.1 | 63-131   |
| 1,2,4-Trichlorobenzene                            | 10.4 | "    | 10.0 | 104  | 70.6-136 |
| 1,2,4-Trimethylbenzene                            | 10.3 | "    | 10.0 | 103  | 75.3-135 |
| 1,2-Dibromo-3-chloropropane                       | 10.3 | "    | 10.0 | 103  | 58.9-140 |
| 1,2-Dibromoethane                                 | 11.0 | "    | 10.0 | 110  | 79-130   |
| 1,2-Dichlorobenzene                               | 10.2 | "    | 10.0 | 102  | 76.1-122 |
| 1,2-Dichloroethane                                | 10.5 | "    | 10.0 | 105  | 74.6-132 |
| 1,2-Dichloropropane                               | 11.1 | "    | 10.0 | 111  | 76.9-129 |
| 1,3,5-Trimethylbenzene                            | 10.3 | "    | 10.0 | 103  | 70.6-127 |
| 1,3-Dichlorobenzene                               | 9.94 | "    | 10.0 | 99.4 | 77-124   |
| 1,3-Dichloropropane                               | 10.9 | "    | 10.0 | 109  | 75.8-126 |
| 1,4-Dichlorobenzene                               | 10.1 | "    | 10.0 | 101  | 76.6-125 |
| 2,2-Dichloropropane                               | 9.52 | "    | 10.0 | 95.2 | 69-133   |
| 2-Chlorotoluene                                   | 9.38 | "    | 10.0 | 93.8 | 66.3-119 |
| 2-Hexanone                                        | 10.2 | "    | 10.0 | 102  | 70-130   |
| 4-Chlorotoluene                                   | 10.2 | "    | 10.0 | 102  | 69.2-127 |
| Acetone                                           | 8.16 | "    | 10.0 | 81.6 | 70-130   |
| Benzene                                           | 11.2 | "    | 10.0 | 112  | 76.2-129 |
| Bromobenzene                                      | 10.1 | "    | 10.0 | 101  | 71.3-123 |
| Bromochloromethane                                | 10.2 | "    | 10.0 | 102  | 70.8-137 |
| Bromodichloromethane                              | 11.0 | "    | 10.0 | 110  | 79.7-134 |
| Bromoform                                         | 10.5 | "    | 10.0 | 105  | 70.5-141 |
| Bromomethane                                      | 11.6 | "    | 10.0 | 116  | 43.9-147 |
| Carbon tetrachloride                              | 8.78 | "    | 10.0 | 87.8 | 78.1-138 |
| Chlorobenzene                                     | 10.8 | "    | 10.0 | 108  | 80.4-125 |
| Chloroethane                                      | 9.60 | "    | 10.0 | 96.0 | 55.8-140 |
| Chloroform                                        | 10.8 | "    | 10.0 | 108  | 76.6-133 |
| Chloromethane                                     | 6.64 | "    | 10.0 | 66.4 | 48.8-115 |

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

**York Analytical Laboratories, Inc.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20575 - EPA 5030B**

**LCS (BC20575-BS1)**

Prepared: 03/14/2012 Analyzed: 03/15/2012

|                                         |             |  |          |             |  |             |                 |  |  |  |  |
|-----------------------------------------|-------------|--|----------|-------------|--|-------------|-----------------|--|--|--|--|
| cis-1,2-Dichloroethylene                | 11.2        |  | ug/L     | 10.0        |  | 112         | 75.1-128        |  |  |  |  |
| cis-1,3-Dichloropropylene               | 10.4        |  | "        | 10.0        |  | 104         | 74.5-128        |  |  |  |  |
| Dibromochloromethane                    | 11.4        |  | "        | 10.0        |  | 114         | 79.8-134        |  |  |  |  |
| Dibromomethane                          | 11.0        |  | "        | 10.0        |  | 110         | 79-130          |  |  |  |  |
| Dichlorodifluoromethane                 | 6.14        |  | "        | 10.0        |  | 61.4        | 47.1-101        |  |  |  |  |
| Ethyl Benzene                           | 11.4        |  | "        | 10.0        |  | 114         | 80.8-128        |  |  |  |  |
| Hexachlorobutadiene                     | 9.94        |  | "        | 10.0        |  | 99.4        | 64.8-128        |  |  |  |  |
| Isopropylbenzene                        | 10.8        |  | "        | 10.0        |  | 108         | 75.5-135        |  |  |  |  |
| Methyl tert-butyl ether (MTBE)          | 11.9        |  | "        | 10.0        |  | 119         | 65.1-140        |  |  |  |  |
| Methylene chloride                      | 7.61        |  | "        | 10.0        |  | 76.1        | 61.3-120        |  |  |  |  |
| Naphthalene                             | 10.0        |  | "        | 10.0        |  | 100         | 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                                | 10.5        |  | "        | 10.0        |  | 105         | 75.9-122        |  |  |  |  |
| p- & m- Xylenes                         | 21.7        |  | "        | 20.0        |  | 109         | 77.7-127        |  |  |  |  |
| p-Isopropyltoluene                      | 10.3        |  | "        | 10.0        |  | 103         | 75.6-129        |  |  |  |  |
| sec-Butylbenzene                        | 10.2        |  | "        | 10.0        |  | 102         | 71.5-125        |  |  |  |  |
| Styrene                                 | 10.7        |  | "        | 10.0        |  | 107         | 77.8-123        |  |  |  |  |
| tert-Butylbenzene                       | 11.6        |  | "        | 10.0        |  | 116         | 75.9-151        |  |  |  |  |
| Tetrachloroethylene                     | 11.8        |  | "        | 10.0        |  | 118         | 63.6-167        |  |  |  |  |
| Toluene                                 | 10.8        |  | "        | 10.0        |  | 108         | 77-123          |  |  |  |  |
| trans-1,2-Dichloroethylene              | 10.6        |  | "        | 10.0        |  | 106         | 76.3-139        |  |  |  |  |
| trans-1,3-Dichloropropylene             | 10.1        |  | "        | 10.0        |  | 101         | 72.5-137        |  |  |  |  |
| Trichloroethylene                       | 10.8        |  | "        | 10.0        |  | 108         | 77.9-130        |  |  |  |  |
| Trichlorofluoromethane                  | 10.7        |  | "        | 10.0        |  | 107         | 57.4-133        |  |  |  |  |
| Vinyl Chloride                          | 8.59        |  | "        | 10.0        |  | 85.9        | 54.9-124        |  |  |  |  |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>10.1</i> |  | <i>"</i> | <i>10.0</i> |  | <i>101</i>  | <i>75.7-121</i> |  |  |  |  |
| <i>Surrogate: p-Bromofluorobenzene</i>  | <i>9.67</i> |  | <i>"</i> | <i>10.0</i> |  | <i>96.7</i> | <i>71.3-131</i> |  |  |  |  |
| <i>Surrogate: Toluene-d8</i>            | <i>9.89</i> |  | <i>"</i> | <i>10.0</i> |  | <i>98.9</i> | <i>86.7-112</i> |  |  |  |  |

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

### York Analytical Laboratories, Inc.

| Analyte                                           | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC                                      | %REC<br>Limits | Flag | RPD    | RPD<br>Limit | Flag |
|---------------------------------------------------|--------|--------------------|-------|----------------|-------------------|-------------------------------------------|----------------|------|--------|--------------|------|
| <b>Batch BC20575 - EPA 5030B</b>                  |        |                    |       |                |                   |                                           |                |      |        |              |      |
| <b>LCS Dup (BC20575-BSD1)</b>                     |        |                    |       |                |                   | Prepared: 03/14/2012 Analyzed: 03/15/2012 |                |      |        |              |      |
| 1,1,1,2-Tetrachloroethane                         | 11.0   |                    | ug/L  | 10.0           |                   | 110                                       | 82.3-130       |      | 2.22   | 21.1         |      |
| 1,1,1-Trichloroethane                             | 10.5   |                    | "     | 10.0           |                   | 105                                       | 75.6-137       |      | 6.99   | 19.7         |      |
| 1,1,2,2-Tetrachloroethane                         | 9.52   |                    | "     | 10.0           |                   | 95.2                                      | 71.3-131       |      | 4.07   | 20.8         |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 11.2   |                    | "     | 10.0           |                   | 112                                       | 71.1-129       |      | 7.40   | 21.7         |      |
| 1,1,2-Trichloroethane                             | 10.3   |                    | "     | 10.0           |                   | 103                                       | 74.5-129       |      | 1.47   | 20.3         |      |
| 1,1-Dichloroethane                                | 11.0   |                    | "     | 10.0           |                   | 110                                       | 79.6-132       |      | 3.23   | 20.6         |      |
| 1,1-Dichloroethylene                              | 10.8   |                    | "     | 10.0           |                   | 108                                       | 80.2-146       |      | 4.63   | 20           |      |
| 1,1-Dichloropropylene                             | 7.75   |                    | "     | 10.0           |                   | 77.5                                      | 75-136         |      | 7.69   | 19.3         |      |
| 1,2,3-Trichlorobenzene                            | 10.0   |                    | "     | 10.0           |                   | 100                                       | 66.1-136       |      | 6.30   | 21.6         |      |
| 1,2,3-Trichloropropane                            | 9.73   |                    | "     | 10.0           |                   | 97.3                                      | 63-131         |      | 5.49   | 23.9         |      |
| 1,2,4-Trichlorobenzene                            | 9.63   |                    | "     | 10.0           |                   | 96.3                                      | 70.6-136       |      | 7.98   | 21.7         |      |
| 1,2,4-Trimethylbenzene                            | 10.4   |                    | "     | 10.0           |                   | 104                                       | 75.3-135       |      | 0.676  | 18.8         |      |
| 1,2-Dibromo-3-chloropropane                       | 9.49   |                    | "     | 10.0           |                   | 94.9                                      | 58.9-140       |      | 8.38   | 27.7         |      |
| 1,2-Dibromoethane                                 | 11.0   |                    | "     | 10.0           |                   | 110                                       | 79-130         |      | 0.0912 | 23           |      |
| 1,2-Dichlorobenzene                               | 9.97   |                    | "     | 10.0           |                   | 99.7                                      | 76.1-122       |      | 1.89   | 19.8         |      |
| 1,2-Dichloroethane                                | 10.2   |                    | "     | 10.0           |                   | 102                                       | 74.6-132       |      | 3.00   | 20.2         |      |
| 1,2-Dichloropropane                               | 10.9   |                    | "     | 10.0           |                   | 109                                       | 76.9-129       |      | 2.00   | 20.7         |      |
| 1,3,5-Trimethylbenzene                            | 10.4   |                    | "     | 10.0           |                   | 104                                       | 70.6-127       |      | 0.290  | 18.9         |      |
| 1,3-Dichlorobenzene                               | 9.90   |                    | "     | 10.0           |                   | 99.0                                      | 77-124         |      | 0.403  | 19.2         |      |
| 1,3-Dichloropropane                               | 11.0   |                    | "     | 10.0           |                   | 110                                       | 75.8-126       |      | 1.73   | 22.1         |      |
| 1,4-Dichlorobenzene                               | 9.84   |                    | "     | 10.0           |                   | 98.4                                      | 76.6-125       |      | 2.21   | 18.6         |      |
| 2,2-Dichloropropane                               | 8.78   |                    | "     | 10.0           |                   | 87.8                                      | 69-133         |      | 8.09   | 19.8         |      |
| 2-Chlorotoluene                                   | 9.56   |                    | "     | 10.0           |                   | 95.6                                      | 66.3-119       |      | 1.90   | 21.6         |      |
| 2-Hexanone                                        | 10.0   |                    | "     | 10.0           |                   | 100                                       | 70-130         |      | 2.47   | 30           |      |
| 4-Chlorotoluene                                   | 10.1   |                    | "     | 10.0           |                   | 101                                       | 69.2-127       |      | 0.592  | 19           |      |
| Acetone                                           | 8.01   |                    | "     | 10.0           |                   | 80.1                                      | 70-130         |      | 1.86   | 30           |      |
| Benzene                                           | 10.5   |                    | "     | 10.0           |                   | 105                                       | 76.2-129       |      | 5.98   | 19           |      |
| Bromobenzene                                      | 9.97   |                    | "     | 10.0           |                   | 99.7                                      | 71.3-123       |      | 1.20   | 20.3         |      |
| Bromochloromethane                                | 9.90   |                    | "     | 10.0           |                   | 99.0                                      | 70.8-137       |      | 3.18   | 23.9         |      |
| Bromodichloromethane                              | 11.0   |                    | "     | 10.0           |                   | 110                                       | 79.7-134       |      | 0.272  | 21           |      |
| Bromoform                                         | 10.5   |                    | "     | 10.0           |                   | 105                                       | 70.5-141       |      | 0.0951 | 21.8         |      |
| Bromomethane                                      | 10.8   |                    | "     | 10.0           |                   | 108                                       | 43.9-147       |      | 7.14   | 28.4         |      |
| Carbon tetrachloride                              | 8.37   |                    | "     | 10.0           |                   | 83.7                                      | 78.1-138       |      | 4.78   | 20.1         |      |
| Chlorobenzene                                     | 10.9   |                    | "     | 10.0           |                   | 109                                       | 80.4-125       |      | 1.20   | 19.9         |      |
| Chloroethane                                      | 9.02   |                    | "     | 10.0           |                   | 90.2                                      | 55.8-140       |      | 6.23   | 23.3         |      |
| Chloroform                                        | 10.5   |                    | "     | 10.0           |                   | 105                                       | 76.6-133       |      | 2.90   | 20.3         |      |
| Chloromethane                                     | 5.87   |                    | "     | 10.0           |                   | 58.7                                      | 48.8-115       |      | 12.3   | 24.5         |      |
| cis-1,2-Dichloroethylene                          | 10.5   |                    | "     | 10.0           |                   | 105                                       | 75.1-128       |      | 5.71   | 20.5         |      |
| cis-1,3-Dichloropropylene                         | 10.0   |                    | "     | 10.0           |                   | 100                                       | 74.5-128       |      | 3.43   | 19.9         |      |
| Dibromochloromethane                              | 11.0   |                    | "     | 10.0           |                   | 110                                       | 79.8-134       |      | 3.12   | 21.3         |      |
| Dibromomethane                                    | 11.2   |                    | "     | 10.0           |                   | 112                                       | 79-130         |      | 2.43   | 22.4         |      |
| Dichlorodifluoromethane                           | 5.77   |                    | "     | 10.0           |                   | 57.7                                      | 47.1-101       |      | 6.21   | 23.9         |      |
| Ethyl Benzene                                     | 11.3   |                    | "     | 10.0           |                   | 113                                       | 80.8-128       |      | 0.706  | 19.2         |      |
| Hexachlorobutadiene                               | 9.54   |                    | "     | 10.0           |                   | 95.4                                      | 64.8-128       |      | 4.11   | 20.6         |      |
| Isopropylbenzene                                  | 10.7   |                    | "     | 10.0           |                   | 107                                       | 75.5-135       |      | 0.743  | 20           |      |
| Methyl tert-butyl ether (MTBE)                    | 11.4   |                    | "     | 10.0           |                   | 114                                       | 65.1-140       |      | 4.12   | 23.6         |      |
| Methylene chloride                                | 7.27   |                    | "     | 10.0           |                   | 72.7                                      | 61.3-120       |      | 4.57   | 20.4         |      |
| Naphthalene                                       | 9.85   |                    | "     | 10.0           |                   | 98.5                                      | 62.3-148       |      | 1.71   | 27.1         |      |
| n-Butylbenzene                                    | 9.67   |                    | "     | 10.0           |                   | 96.7                                      | 67.2-123       |      | 4.45   | 19.1         |      |
| n-Propylbenzene                                   | 10.2   |                    | "     | 10.0           |                   | 102                                       | 70.5-127       |      | 0.493  | 23.4         |      |
| o-Xylene                                          | 10.8   |                    | "     | 10.0           |                   | 108                                       | 75.9-122       |      | 2.16   | 19.3         |      |
| p- & m- Xylenes                                   | 21.6   |                    | "     | 20.0           |                   | 108                                       | 77.7-127       |      | 0.277  | 18.6         |      |
| p-Isopropyltoluene                                | 9.92   |                    | "     | 10.0           |                   | 99.2                                      | 75.6-129       |      | 3.37   | 19.1         |      |

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

**York Analytical Laboratories, Inc.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20575 - EPA 5030B**

**LCS Dup (BC20575-BSD1)**

Prepared: 03/14/2012 Analyzed: 03/15/2012

|                                         |             |  |          |             |  |             |                 |  |       |      |  |
|-----------------------------------------|-------------|--|----------|-------------|--|-------------|-----------------|--|-------|------|--|
| sec-Butylbenzene                        | 10.2        |  | ug/L     | 10.0        |  | 102         | 71.5-125        |  | 0.489 | 18.9 |  |
| Styrene                                 | 10.8        |  | "        | 10.0        |  | 108         | 77.8-123        |  | 0.651 | 20.9 |  |
| tert-Butylbenzene                       | 11.4        |  | "        | 10.0        |  | 114         | 75.9-151        |  | 1.65  | 20.9 |  |
| Tetrachloroethylene                     | 12.3        |  | "        | 10.0        |  | 123         | 63.6-167        |  | 3.56  | 27.7 |  |
| Toluene                                 | 10.6        |  | "        | 10.0        |  | 106         | 77-123          |  | 1.69  | 18.7 |  |
| trans-1,2-Dichloroethylene              | 10.4        |  | "        | 10.0        |  | 104         | 76.3-139        |  | 2.57  | 19.5 |  |
| trans-1,3-Dichloropropylene             | 10.1        |  | "        | 10.0        |  | 101         | 72.5-137        |  | 0.198 | 19.3 |  |
| Trichloroethylene                       | 10.3        |  | "        | 10.0        |  | 103         | 77.9-130        |  | 4.85  | 20.5 |  |
| Trichlorofluoromethane                  | 9.95        |  | "        | 10.0        |  | 99.5        | 57.4-133        |  | 7.26  | 21.4 |  |
| Vinyl Chloride                          | 7.98        |  | "        | 10.0        |  | 79.8        | 54.9-124        |  | 7.36  | 22.3 |  |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>9.56</i> |  | <i>"</i> | <i>10.0</i> |  | <i>95.6</i> | <i>75.7-121</i> |  |       |      |  |
| <i>Surrogate: p-Bromofluorobenzene</i>  | <i>9.72</i> |  | <i>"</i> | <i>10.0</i> |  | <i>97.2</i> | <i>71.3-131</i> |  |       |      |  |
| <i>Surrogate: Toluene-d8</i>            | <i>10.2</i> |  | <i>"</i> | <i>10.0</i> |  | <i>102</i>  | <i>86.7-112</i> |  |       |      |  |

**Batch BC20617 - EPA 5030B**

**Blank (BC20617-BLK1)**

Prepared & Analyzed: 03/15/2012

|                                                   |      |      |      |
|---------------------------------------------------|------|------|------|
| 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                            | 0.63 | 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                                           | 3.2  | 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 | "    |

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

## Batch BC20617 - EPA 5030B

## Blank (BC20617-BLK1)

Prepared &amp; Analyzed: 03/15/2012

|                                  |      |      |      |      |  |      |          |  |  |  |  |
|----------------------------------|------|------|------|------|--|------|----------|--|--|--|--|
| 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               | 5.2  | 2.0  | "    |      |  |      |          |  |  |  |  |
| Naphthalene                      | 1.4  | 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 | 9.45 |      | "    | 10.0 |  | 94.5 | 75.7-121 |  |  |  |  |
| Surrogate: p-Bromofluorobenzene  | 10.0 |      | "    | 10.0 |  | 100  | 71.3-131 |  |  |  |  |
| Surrogate: Toluene-d8            | 10.3 |      | "    | 10.0 |  | 103  | 86.7-112 |  |  |  |  |

## 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 BC20617 - EPA 5030B                         |        |           |       |                                 |         |      |          |           |     |       |      |
| LCS (BC20617-BS1)                                 |        |           |       | Prepared & Analyzed: 03/15/2012 |         |      |          |           |     |       |      |
| 1,1,1,2-Tetrachloroethane                         | 9.55   |           | ug/L  | 10.0                            |         | 95.5 | 82.3-130 |           |     |       |      |
| 1,1,1-Trichloroethane                             | 9.88   |           | "     | 10.0                            |         | 98.8 | 75.6-137 |           |     |       |      |
| 1,1,2,2-Tetrachloroethane                         | 9.04   |           | "     | 10.0                            |         | 90.4 | 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                             | 9.26   |           | "     | 10.0                            |         | 92.6 | 74.5-129 |           |     |       |      |
| 1,1-Dichloroethane                                | 10.2   |           | "     | 10.0                            |         | 102  | 79.6-132 |           |     |       |      |
| 1,1-Dichloroethylene                              | 10.1   |           | "     | 10.0                            |         | 101  | 80.2-146 |           |     |       |      |
| 1,1-Dichloropropylene                             | 7.15   |           | "     | 10.0                            |         | 71.5 | 75-136   | Low Bias  |     |       |      |
| 1,2,3-Trichlorobenzene                            | 7.31   |           | "     | 10.0                            |         | 73.1 | 66.1-136 |           |     |       |      |
| 1,2,3-Trichloropropane                            | 8.66   |           | "     | 10.0                            |         | 86.6 | 63-131   |           |     |       |      |
| 1,2,4-Trichlorobenzene                            | 8.17   |           | "     | 10.0                            |         | 81.7 | 70.6-136 |           |     |       |      |
| 1,2,4-Trimethylbenzene                            | 9.57   |           | "     | 10.0                            |         | 95.7 | 75.3-135 |           |     |       |      |
| 1,2-Dibromo-3-chloropropane                       | 8.60   |           | "     | 10.0                            |         | 86.0 | 58.9-140 |           |     |       |      |
| 1,2-Dibromoethane                                 | 9.51   |           | "     | 10.0                            |         | 95.1 | 79-130   |           |     |       |      |
| 1,2-Dichlorobenzene                               | 8.94   |           | "     | 10.0                            |         | 89.4 | 76.1-122 |           |     |       |      |
| 1,2-Dichloroethane                                | 9.43   |           | "     | 10.0                            |         | 94.3 | 74.6-132 |           |     |       |      |
| 1,2-Dichloropropane                               | 10.0   |           | "     | 10.0                            |         | 100  | 76.9-129 |           |     |       |      |
| 1,3,5-Trimethylbenzene                            | 9.88   |           | "     | 10.0                            |         | 98.8 | 70.6-127 |           |     |       |      |
| 1,3-Dichlorobenzene                               | 9.13   |           | "     | 10.0                            |         | 91.3 | 77-124   |           |     |       |      |
| 1,3-Dichloropropane                               | 9.73   |           | "     | 10.0                            |         | 97.3 | 75.8-126 |           |     |       |      |
| 1,4-Dichlorobenzene                               | 9.28   |           | "     | 10.0                            |         | 92.8 | 76.6-125 |           |     |       |      |
| 2,2-Dichloropropane                               | 10.3   |           | "     | 10.0                            |         | 103  | 69-133   |           |     |       |      |
| 2-Chlorotoluene                                   | 9.14   |           | "     | 10.0                            |         | 91.4 | 66.3-119 |           |     |       |      |
| 2-Hexanone                                        | 7.83   |           | "     | 10.0                            |         | 78.3 | 70-130   |           |     |       |      |
| 4-Chlorotoluene                                   | 9.43   |           | "     | 10.0                            |         | 94.3 | 69.2-127 |           |     |       |      |
| Acetone                                           | 11.0   |           | "     | 10.0                            |         | 110  | 70-130   |           |     |       |      |
| Benzene                                           | 10.1   |           | "     | 10.0                            |         | 101  | 76.2-129 |           |     |       |      |
| Bromobenzene                                      | 9.65   |           | "     | 10.0                            |         | 96.5 | 71.3-123 |           |     |       |      |
| Bromochloromethane                                | 9.33   |           | "     | 10.0                            |         | 93.3 | 70.8-137 |           |     |       |      |
| Bromodichloromethane                              | 10.0   |           | "     | 10.0                            |         | 100  | 79.7-134 |           |     |       |      |
| Bromoform                                         | 9.28   |           | "     | 10.0                            |         | 92.8 | 70.5-141 |           |     |       |      |
| Bromomethane                                      | 12.5   |           | "     | 10.0                            |         | 125  | 43.9-147 |           |     |       |      |
| Carbon tetrachloride                              | 7.30   |           | "     | 10.0                            |         | 73.0 | 78.1-138 | Low Bias  |     |       |      |
| Chlorobenzene                                     | 9.64   |           | "     | 10.0                            |         | 96.4 | 80.4-125 |           |     |       |      |
| Chloroethane                                      | 9.14   |           | "     | 10.0                            |         | 91.4 | 55.8-140 |           |     |       |      |
| Chloroform                                        | 9.61   |           | "     | 10.0                            |         | 96.1 | 76.6-133 |           |     |       |      |
| Chloromethane                                     | 6.59   |           | "     | 10.0                            |         | 65.9 | 48.8-115 |           |     |       |      |
| cis-1,2-Dichloroethylene                          | 9.79   |           | "     | 10.0                            |         | 97.9 | 75.1-128 |           |     |       |      |
| cis-1,3-Dichloropropylene                         | 9.37   |           | "     | 10.0                            |         | 93.7 | 74.5-128 |           |     |       |      |
| Dibromochloromethane                              | 9.64   |           | "     | 10.0                            |         | 96.4 | 79.8-134 |           |     |       |      |
| Dibromomethane                                    | 9.96   |           | "     | 10.0                            |         | 99.6 | 79-130   |           |     |       |      |
| Dichlorodifluoromethane                           | 6.62   |           | "     | 10.0                            |         | 66.2 | 47.1-101 |           |     |       |      |
| Ethyl Benzene                                     | 10.3   |           | "     | 10.0                            |         | 103  | 80.8-128 |           |     |       |      |
| Hexachlorobutadiene                               | 8.16   |           | "     | 10.0                            |         | 81.6 | 64.8-128 |           |     |       |      |
| Isopropylbenzene                                  | 10.4   |           | "     | 10.0                            |         | 104  | 75.5-135 |           |     |       |      |
| Methyl tert-butyl ether (MTBE)                    | 10.0   |           | "     | 10.0                            |         | 100  | 65.1-140 |           |     |       |      |
| Methylene chloride                                | 12.2   |           | "     | 10.0                            |         | 122  | 61.3-120 | High Bias |     |       |      |
| Naphthalene                                       | 6.05   |           | "     | 10.0                            |         | 60.5 | 62.3-148 | Low Bias  |     |       |      |
| n-Butylbenzene                                    | 9.51   |           | "     | 10.0                            |         | 95.1 | 67.2-123 |           |     |       |      |
| n-Propylbenzene                                   | 9.93   |           | "     | 10.0                            |         | 99.3 | 70.5-127 |           |     |       |      |
| o-Xylene                                          | 9.63   |           | "     | 10.0                            |         | 96.3 | 75.9-122 |           |     |       |      |
| p- & m- Xylenes                                   | 19.9   |           | "     | 20.0                            |         | 99.7 | 77.7-127 |           |     |       |      |
| p-Isopropyltoluene                                | 9.60   |           | "     | 10.0                            |         | 96.0 | 75.6-129 |           |     |       |      |

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

**York Analytical Laboratories, Inc.**

| Analyte                                           | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC                            | %REC<br>Limits | Flag     | RPD   | RPD<br>Limit | Flag |
|---------------------------------------------------|--------|--------------------|-------|----------------|-------------------|---------------------------------|----------------|----------|-------|--------------|------|
| <b>Batch BC20617 - EPA 5030B</b>                  |        |                    |       |                |                   |                                 |                |          |       |              |      |
| <b>LCS (BC20617-BS1)</b>                          |        |                    |       |                |                   | Prepared & Analyzed: 03/15/2012 |                |          |       |              |      |
| sec-Butylbenzene                                  | 9.69   |                    | ug/L  | 10.0           |                   | 96.9                            | 71.5-125       |          |       |              |      |
| Styrene                                           | 9.53   |                    | "     | 10.0           |                   | 95.3                            | 77.8-123       |          |       |              |      |
| tert-Butylbenzene                                 | 11.1   |                    | "     | 10.0           |                   | 111                             | 75.9-151       |          |       |              |      |
| Tetrachloroethylene                               | 10.5   |                    | "     | 10.0           |                   | 105                             | 63.6-167       |          |       |              |      |
| Toluene                                           | 9.90   |                    | "     | 10.0           |                   | 99.0                            | 77-123         |          |       |              |      |
| trans-1,2-Dichloroethylene                        | 9.76   |                    | "     | 10.0           |                   | 97.6                            | 76.3-139       |          |       |              |      |
| trans-1,3-Dichloropropylene                       | 9.70   |                    | "     | 10.0           |                   | 97.0                            | 72.5-137       |          |       |              |      |
| Trichloroethylene                                 | 9.70   |                    | "     | 10.0           |                   | 97.0                            | 77.9-130       |          |       |              |      |
| Trichlorofluoromethane                            | 9.98   |                    | "     | 10.0           |                   | 99.8                            | 57.4-133       |          |       |              |      |
| Vinyl Chloride                                    | 8.49   |                    | "     | 10.0           |                   | 84.9                            | 54.9-124       |          |       |              |      |
| Surrogate: 1,2-Dichloroethane-d4                  | 9.19   |                    | "     | 10.0           |                   | 91.9                            | 75.7-121       |          |       |              |      |
| Surrogate: p-Bromofluorobenzene                   | 9.89   |                    | "     | 10.0           |                   | 98.9                            | 71.3-131       |          |       |              |      |
| Surrogate: Toluene-d8                             | 10.1   |                    | "     | 10.0           |                   | 101                             | 86.7-112       |          |       |              |      |
| <b>LCS Dup (BC20617-BSD1)</b>                     |        |                    |       |                |                   | Prepared & Analyzed: 03/15/2012 |                |          |       |              |      |
| 1,1,1,2-Tetrachloroethane                         | 9.27   |                    | ug/L  | 10.0           |                   | 92.7                            | 82.3-130       |          | 2.98  | 21.1         |      |
| 1,1,1-Trichloroethane                             | 9.85   |                    | "     | 10.0           |                   | 98.5                            | 75.6-137       |          | 0.304 | 19.7         |      |
| 1,1,2,2-Tetrachloroethane                         | 8.18   |                    | "     | 10.0           |                   | 81.8                            | 71.3-131       |          | 9.99  | 20.8         |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 10.5   |                    | "     | 10.0           |                   | 105                             | 71.1-129       |          | 1.44  | 21.7         |      |
| 1,1,2-Trichloroethane                             | 9.27   |                    | "     | 10.0           |                   | 92.7                            | 74.5-129       |          | 0.108 | 20.3         |      |
| 1,1-Dichloroethane                                | 10.1   |                    | "     | 10.0           |                   | 101                             | 79.6-132       |          | 0.492 | 20.6         |      |
| 1,1-Dichloroethylene                              | 10.2   |                    | "     | 10.0           |                   | 102                             | 80.2-146       |          | 0.890 | 20           |      |
| 1,1-Dichloropropylene                             | 6.56   |                    | "     | 10.0           |                   | 65.6                            | 75-136         | Low Bias | 8.61  | 19.3         |      |
| 1,2,3-Trichlorobenzene                            | 9.01   |                    | "     | 10.0           |                   | 90.1                            | 66.1-136       |          | 20.8  | 21.6         |      |
| 1,2,3-Trichloropropane                            | 8.01   |                    | "     | 10.0           |                   | 80.1                            | 63-131         |          | 7.80  | 23.9         |      |
| 1,2,4-Trichlorobenzene                            | 8.88   |                    | "     | 10.0           |                   | 88.8                            | 70.6-136       |          | 8.33  | 21.7         |      |
| 1,2,4-Trimethylbenzene                            | 9.35   |                    | "     | 10.0           |                   | 93.5                            | 75.3-135       |          | 2.33  | 18.8         |      |
| 1,2-Dibromo-3-chloropropane                       | 8.04   |                    | "     | 10.0           |                   | 80.4                            | 58.9-140       |          | 6.73  | 27.7         |      |
| 1,2-Dibromoethane                                 | 10.3   |                    | "     | 10.0           |                   | 103                             | 79-130         |          | 7.88  | 23           |      |
| 1,2-Dichlorobenzene                               | 9.31   |                    | "     | 10.0           |                   | 93.1                            | 76.1-122       |          | 4.05  | 19.8         |      |
| 1,2-Dichloroethane                                | 8.74   |                    | "     | 10.0           |                   | 87.4                            | 74.6-132       |          | 7.59  | 20.2         |      |
| 1,2-Dichloropropane                               | 9.78   |                    | "     | 10.0           |                   | 97.8                            | 76.9-129       |          | 2.32  | 20.7         |      |
| 1,3,5-Trimethylbenzene                            | 9.41   |                    | "     | 10.0           |                   | 94.1                            | 70.6-127       |          | 4.87  | 18.9         |      |
| 1,3-Dichlorobenzene                               | 8.98   |                    | "     | 10.0           |                   | 89.8                            | 77-124         |          | 1.66  | 19.2         |      |
| 1,3-Dichloropropane                               | 9.85   |                    | "     | 10.0           |                   | 98.5                            | 75.8-126       |          | 1.23  | 22.1         |      |
| 1,4-Dichlorobenzene                               | 8.84   |                    | "     | 10.0           |                   | 88.4                            | 76.6-125       |          | 4.86  | 18.6         |      |
| 2,2-Dichloropropane                               | 10.2   |                    | "     | 10.0           |                   | 102                             | 69-133         |          | 1.07  | 19.8         |      |
| 2-Chlorotoluene                                   | 8.69   |                    | "     | 10.0           |                   | 86.9                            | 66.3-119       |          | 5.05  | 21.6         |      |
| 2-Hexanone                                        | 8.74   |                    | "     | 10.0           |                   | 87.4                            | 70-130         |          | 11.0  | 30           |      |
| 4-Chlorotoluene                                   | 9.49   |                    | "     | 10.0           |                   | 94.9                            | 69.2-127       |          | 0.634 | 19           |      |
| Acetone                                           | 8.97   |                    | "     | 10.0           |                   | 89.7                            | 70-130         |          | 20.6  | 30           |      |
| Benzene                                           | 9.95   |                    | "     | 10.0           |                   | 99.5                            | 76.2-129       |          | 1.40  | 19           |      |
| Bromobenzene                                      | 8.94   |                    | "     | 10.0           |                   | 89.4                            | 71.3-123       |          | 7.64  | 20.3         |      |
| Bromochloromethane                                | 9.04   |                    | "     | 10.0           |                   | 90.4                            | 70.8-137       |          | 3.16  | 23.9         |      |
| Bromodichloromethane                              | 9.97   |                    | "     | 10.0           |                   | 99.7                            | 79.7-134       |          | 0.700 | 21           |      |
| Bromoform                                         | 9.04   |                    | "     | 10.0           |                   | 90.4                            | 70.5-141       |          | 2.62  | 21.8         |      |
| Bromomethane                                      | 13.4   |                    | "     | 10.0           |                   | 134                             | 43.9-147       |          | 7.09  | 28.4         |      |
| Carbon tetrachloride                              | 6.86   |                    | "     | 10.0           |                   | 68.6                            | 78.1-138       | Low Bias | 6.21  | 20.1         |      |
| Chlorobenzene                                     | 9.55   |                    | "     | 10.0           |                   | 95.5                            | 80.4-125       |          | 0.938 | 19.9         |      |
| Chloroethane                                      | 9.69   |                    | "     | 10.0           |                   | 96.9                            | 55.8-140       |          | 5.84  | 23.3         |      |
| Chloroform                                        | 9.49   |                    | "     | 10.0           |                   | 94.9                            | 76.6-133       |          | 1.26  | 20.3         |      |
| Chloromethane                                     | 6.48   |                    | "     | 10.0           |                   | 64.8                            | 48.8-115       |          | 1.68  | 24.5         |      |
| cis-1,2-Dichloroethylene                          | 9.53   |                    | "     | 10.0           |                   | 95.3                            | 75.1-128       |          | 2.69  | 20.5         |      |

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

**York Analytical Laboratories, Inc.**

| Analyte                                 | Result      | Reporting<br>Limit | Units    | Spike<br>Level | Source*<br>Result | %REC                            | %REC<br>Limits  | Flag | RPD    | RPD<br>Limit | Flag     |
|-----------------------------------------|-------------|--------------------|----------|----------------|-------------------|---------------------------------|-----------------|------|--------|--------------|----------|
| <b>Batch BC20617 - EPA 5030B</b>        |             |                    |          |                |                   |                                 |                 |      |        |              |          |
| <b>LCS Dup (BC20617-BSD1)</b>           |             |                    |          |                |                   | Prepared & Analyzed: 03/15/2012 |                 |      |        |              |          |
| cis-1,3-Dichloropropylene               | 9.37        |                    | ug/L     | 10.0           |                   | 93.7                            | 74.5-128        |      | 0.00   | 19.9         |          |
| Dibromochloromethane                    | 9.34        |                    | "        | 10.0           |                   | 93.4                            | 79.8-134        |      | 3.16   | 21.3         |          |
| Dibromomethane                          | 9.54        |                    | "        | 10.0           |                   | 95.4                            | 79-130          |      | 4.31   | 22.4         |          |
| Dichlorodifluoromethane                 | 6.19        |                    | "        | 10.0           |                   | 61.9                            | 47.1-101        |      | 6.71   | 23.9         |          |
| Ethyl Benzene                           | 10.4        |                    | "        | 10.0           |                   | 104                             | 80.8-128        |      | 0.579  | 19.2         |          |
| Hexachlorobutadiene                     | 9.35        |                    | "        | 10.0           |                   | 93.5                            | 64.8-128        |      | 13.6   | 20.6         |          |
| Isopropylbenzene                        | 9.89        |                    | "        | 10.0           |                   | 98.9                            | 75.5-135        |      | 4.74   | 20           |          |
| Methyl tert-butyl ether (MTBE)          | 10.1        |                    | "        | 10.0           |                   | 101                             | 65.1-140        |      | 1.09   | 23.6         |          |
| Methylene chloride                      | 11.9        |                    | "        | 10.0           |                   | 119                             | 61.3-120        |      | 2.41   | 20.4         |          |
| Naphthalene                             | 8.00        |                    | "        | 10.0           |                   | 80.0                            | 62.3-148        |      | 27.8   | 27.1         | Non-dir. |
| n-Butylbenzene                          | 9.39        |                    | "        | 10.0           |                   | 93.9                            | 67.2-123        |      | 1.27   | 19.1         |          |
| n-Propylbenzene                         | 9.59        |                    | "        | 10.0           |                   | 95.9                            | 70.5-127        |      | 3.48   | 23.4         |          |
| o-Xylene                                | 9.85        |                    | "        | 10.0           |                   | 98.5                            | 75.9-122        |      | 2.26   | 19.3         |          |
| p- & m- Xylenes                         | 19.9        |                    | "        | 20.0           |                   | 99.6                            | 77.7-127        |      | 0.0502 | 18.6         |          |
| p-Isopropyltoluene                      | 9.47        |                    | "        | 10.0           |                   | 94.7                            | 75.6-129        |      | 1.36   | 19.1         |          |
| sec-Butylbenzene                        | 9.39        |                    | "        | 10.0           |                   | 93.9                            | 71.5-125        |      | 3.14   | 18.9         |          |
| Styrene                                 | 9.61        |                    | "        | 10.0           |                   | 96.1                            | 77.8-123        |      | 0.836  | 20.9         |          |
| tert-Butylbenzene                       | 10.6        |                    | "        | 10.0           |                   | 106                             | 75.9-151        |      | 4.15   | 20.9         |          |
| Tetrachloroethylene                     | 10.0        |                    | "        | 10.0           |                   | 100                             | 63.6-167        |      | 4.39   | 27.7         |          |
| Toluene                                 | 9.75        |                    | "        | 10.0           |                   | 97.5                            | 77-123          |      | 1.53   | 18.7         |          |
| trans-1,2-Dichloroethylene              | 9.53        |                    | "        | 10.0           |                   | 95.3                            | 76.3-139        |      | 2.38   | 19.5         |          |
| trans-1,3-Dichloropropylene             | 9.33        |                    | "        | 10.0           |                   | 93.3                            | 72.5-137        |      | 3.89   | 19.3         |          |
| Trichloroethylene                       | 9.52        |                    | "        | 10.0           |                   | 95.2                            | 77.9-130        |      | 1.87   | 20.5         |          |
| Trichlorofluoromethane                  | 9.68        |                    | "        | 10.0           |                   | 96.8                            | 57.4-133        |      | 3.05   | 21.4         |          |
| Vinyl Chloride                          | 8.37        |                    | "        | 10.0           |                   | 83.7                            | 54.9-124        |      | 1.42   | 22.3         |          |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>9.53</i> |                    | <i>"</i> | <i>10.0</i>    |                   | <i>95.3</i>                     | <i>75.7-121</i> |      |        |              |          |
| <i>Surrogate: p-Bromofluorobenzene</i>  | <i>9.71</i> |                    | <i>"</i> | <i>10.0</i>    |                   | <i>97.1</i>                     | <i>71.3-131</i> |      |        |              |          |
| <i>Surrogate: Toluene-d8</i>            | <i>10.1</i> |                    | <i>"</i> | <i>10.0</i>    |                   | <i>101</i>                      | <i>86.7-112</i> |      |        |              |          |

## Metals by EPA 6000 Series Methods - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte                                       | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag                            | RPD  | RPD<br>Limit | Flag |
|-----------------------------------------------|--------|--------------------|-------|----------------|-------------------|------|----------------|---------------------------------|------|--------------|------|
| <b>Batch BC20503 - EPA 3010A</b>              |        |                    |       |                |                   |      |                |                                 |      |              |      |
| <b>Blank (BC20503-BLK1)</b>                   |        |                    |       |                |                   |      |                |                                 |      |              |      |
|                                               |        |                    |       |                |                   |      |                | Prepared & Analyzed: 03/13/2012 |      |              |      |
| Iron                                          | ND     | 0.0100             | mg/L  |                |                   |      |                |                                 |      |              |      |
| <b>Duplicate (BC20503-DUP1)</b>               |        |                    |       |                |                   |      |                |                                 |      |              |      |
| *Source sample: 12C0367-01 (WQ3212:920NP2-10) |        |                    |       |                |                   |      |                | Prepared & Analyzed: 03/13/2012 |      |              |      |
| Iron                                          | 1.81   | 0.0100             | mg/L  |                | 1.84              |      |                |                                 | 1.65 | 20           |      |
| <b>Matrix Spike (BC20503-MS1)</b>             |        |                    |       |                |                   |      |                |                                 |      |              |      |
| *Source sample: 12C0367-01 (WQ3212:920NP2-10) |        |                    |       |                |                   |      |                | Prepared & Analyzed: 03/13/2012 |      |              |      |
| Iron                                          | 2.85   | 0.0100             | mg/L  | 1.00           | 1.84              | 101  | 75-125         |                                 |      |              |      |
| <b>Reference (BC20503-SRM1)</b>               |        |                    |       |                |                   |      |                |                                 |      |              |      |
|                                               |        |                    |       |                |                   |      |                | Prepared & Analyzed: 03/13/2012 |      |              |      |
| Iron                                          | 0.594  | 0.0100             | mg/L  | 0.589          |                   | 101  | 87.9-113       |                                 |      |              |      |

## Metals by EPA 200 Series Methods - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte                           | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag                                                                          | RPD   | RPD<br>Limit | Flag |
|-----------------------------------|--------|--------------------|-------|----------------|-------------------|------|----------------|-------------------------------------------------------------------------------|-------|--------------|------|
| <b>Batch BC20503 - EPA 3010A</b>  |        |                    |       |                |                   |      |                |                                                                               |       |              |      |
| <b>Blank (BC20503-BLK1)</b>       |        |                    |       |                |                   |      |                | Prepared & Analyzed: 03/13/2012                                               |       |              |      |
| Iron                              | ND     | 0.0100             | mg/L  |                |                   |      |                |                                                                               |       |              |      |
| <b>Duplicate (BC20503-DUP1)</b>   |        |                    |       |                |                   |      |                | *Source sample: 12C0367-01 (WQ3212:920NP2-10) Prepared & Analyzed: 03/13/2012 |       |              |      |
| Iron                              | 34.1   | 0.0100             | mg/L  |                | 34.1              |      |                |                                                                               | 0.235 | 20           |      |
| <b>Matrix Spike (BC20503-MS1)</b> |        |                    |       |                |                   |      |                | *Source sample: 12C0367-01 (WQ3212:920NP2-10) Prepared & Analyzed: 03/13/2012 |       |              |      |
| Iron                              | 35.7   | 0.0100             | mg/L  | 1.00           | 34.1              | 157  | 75-125         | High Bias                                                                     |       |              |      |
| <b>Reference (BC20503-SRM1)</b>   |        |                    |       |                |                   |      |                | Prepared & Analyzed: 03/13/2012                                               |       |              |      |
| Iron                              | 0.594  | 0.0100             | mg/L  | 0.589          |                   | 101  | 87.9-113       |                                                                               |       |              |      |

## Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20529 - % Solids Prep****Blank (BC20529-BLK1)**

Prepared &amp; Analyzed: 03/14/2012

|                        |    |      |      |  |  |  |  |  |  |  |  |
|------------------------|----|------|------|--|--|--|--|--|--|--|--|
| Total Dissolved Solids | ND | 1.00 | mg/L |  |  |  |  |  |  |  |  |
|------------------------|----|------|------|--|--|--|--|--|--|--|--|

### Notes and Definitions

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| QM-05     | The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.                                                                                                                                                                                                                  |
| QM-05     | The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.                                                                                                                                                                                                                  |
| J         | Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.                                                                                                                                                                                                                                                                                       |
| J         | Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.                                                                                                                                                                                                                                                                                       |
| HT-02     | This sample was received outside the EPA recommended holding time.                                                                                                                                                                                                                                                                                                                                                                           |
| HT-02     | This sample was received outside the EPA recommended holding time.                                                                                                                                                                                                                                                                                                                                                                           |
| 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.                                                                                                                                                                                                                                    |
| 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.                                                                                                                                                                                                                                    |
| <hr/>     |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 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.

Corrective Action:

ANALYTICAL LABORATORIES, INC.

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

# 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.

York Project No. 12C0365-

Page 1 of 1

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# YORK

ANALYTICAL LABORATORIES, INC.

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

## Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.  
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Page 1 of 1

York Project No. 12C0367

| YOUR Information                                                                                                                                                                   |                                          | Report To:                                                                                                                                          |                       | Invoice To:                                                                                                                                        |                       | YOUR Project ID                                                                                                                 |  | Turn-Around Time                                                                                                                                                 |                                          | Report Type                                                                                                                                                                                                                                                                   |                                           |                                                                                                                                |                                                                                                                                                                                              |                                                                                                                                           |  |                                                                                                                                |  |                                                                                                                                |  |                                                                                                                                |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------|--|
| Company: <u>LB6</u>                                                                                                                                                                | Address: <u>4 Research Dr. Suite 301</u> | Company: <u>Same</u>                                                                                                                                | Address: <u>Same</u>  | Company: <u>Same</u>                                                                                                                               | Address: <u>Same</u>  | Purchase Order No. <u>NABSA6</u>                                                                                                |  | <input type="checkbox"/> RUSH - Same Day                                                                                                                         | <input type="checkbox"/> RUSH - Next Day | <input type="checkbox"/> RUSH - Two Day                                                                                                                                                                                                                                       | <input type="checkbox"/> RUSH - Three Day | <input type="checkbox"/> RUSH - Four Day                                                                                       | Summary Report <u>X</u> pdf<br>Summary w/ QA Summary <u>X</u> pdf<br>CT RCP Package<br>CT RCP DQADUE Pkg<br>NY ASP A Package<br>NY ASP B Package <u>NP2-10 only</u> pdf<br>NUDEP Red. Deliv. |                                                                                                                                           |  |                                                                                                                                |  |                                                                                                                                |  |                                                                                                                                |  |
| Phone No. <u>203-929-8555</u>                                                                                                                                                      | Contact Person: <u>Tunde Sandoz</u>      | Phone No. _____                                                                                                                                     | Attention: _____      | Phone No. _____                                                                                                                                    | Attention: _____      | Samples from: CT <u>X</u> NY <u>X</u> NJ _____                                                                                  |  | Standard (5-7 Days) <input checked="" type="checkbox"/>                                                                                                          |                                          | Electronic Data Deliverables (EDDL)<br>Simple Excel <u>X</u><br>NYSDEC EQUIS<br>EQUIS (std)<br>EZ-EDD (EQUIS)<br>NUDEP SRP HazSite EDD<br>GIS/KEY (std)<br>Other _____<br>York Regulatory Comparison<br>Excel Spreadsheet<br>Compare to the following Regs. (please fill in): |                                           |                                                                                                                                |                                                                                                                                                                                              |                                                                                                                                           |  |                                                                                                                                |  |                                                                                                                                |  |                                                                                                                                |  |
| E-Mail Address: <u>TSandoz@lb6ct.com</u>                                                                                                                                           | E-Mail Address: _____                    | E-Mail Address: _____                                                                                                                               | E-Mail Address: _____ | E-Mail Address: _____                                                                                                                              | E-Mail Address: _____ | Matrix Codes                                                                                                                    |  | Volatiles                                                                                                                                                        |                                          | Semi-Vols. Residues                                                                                                                                                                                                                                                           |                                           | Metals                                                                                                                         |                                                                                                                                                                                              | Misc. Org.                                                                                                                                |  | Foil Lists                                                                                                                     |  | Misc.                                                                                                                          |  |                                                                                                                                |  |
| 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. |                                          | S - soil<br>Other - specify (oil, etc.)<br>WW - wastewater<br>GW - groundwater<br>DW - drinking water<br>Air-A - ambient air<br>Air-SV - soil vapor |                       | 8260 full<br>624<br>STARS list<br>BTEX<br>MTBE<br>TCL list<br>TAGM list<br>CT RCP list<br>Acrom. only<br>Halog. only<br>App. IX list<br>8021B list |                       | Site Spec.<br>Nassau Co.<br>Suffolk Co.<br>Ketones<br>Oxygenates<br>TCLP list<br>524.2<br>NUDEP list<br>App. IX<br>SPL Per TCLP |  | 8082 PCB<br>8081 PCB<br>815 Herb<br>CT RCP<br>App. IX<br>PAH list<br>Site Spec.<br>SPL Per TCLP<br>TCLP list<br>NUDEP list<br>App. IX<br>SPL Per TCLP<br>808 PCB |                                          | TPH GRO<br>TPH DRO<br>CT ETPH<br>NY 310-13<br>TPH 1664<br>Air TO14A<br>Air TO15<br>Air STARS<br>Air VPH<br>Air TICs<br>Methane<br>Heptane                                                                                                                                     |                                           | PF 13 list<br>TAL<br>CT 15 list<br>TAGM list<br>NUDEP list<br>Total<br>Dissolved<br>SPL Per TCLP<br>Inert Metals<br>LIST Below |                                                                                                                                                                                              | TPH GRO<br>TPH DRO<br>CT ETPH<br>NY 310-13<br>TPH 1664<br>Air TO14A<br>Air TO15<br>Air STARS<br>Air VPH<br>Air TICs<br>Methane<br>Heptane |  | PF 13 list<br>TAL<br>CT 15 list<br>TAGM list<br>NUDEP list<br>Total<br>Dissolved<br>SPL Per TCLP<br>Inert Metals<br>LIST Below |  | PF 13 list<br>TAL<br>CT 15 list<br>TAGM list<br>NUDEP list<br>Total<br>Dissolved<br>SPL Per TCLP<br>Inert Metals<br>LIST Below |  | PF 13 list<br>TAL<br>CT 15 list<br>TAGM list<br>NUDEP list<br>Total<br>Dissolved<br>SPL Per TCLP<br>Inert Metals<br>LIST Below |  |
| Samples Collected/Authorized By (Signature)<br><u>STEPHEN MNAT</u><br>Name (printed)                                                                                               |                                          | Sample Matrix                                                                                                                                       |                       | Date Sampled                                                                                                                                       |                       | Sample Identification                                                                                                           |  | Choose Analyses Needed from the Menu Above and Enter Below                                                                                                       |                                          | Container                                                                                                                                                                                                                                                                     |                                           | Description(s)                                                                                                                 |                                                                                                                                                                                              |                                                                                                                                           |  |                                                                                                                                |  |                                                                                                                                |  |                                                                                                                                |  |
| WQ3212 910NP2-6                                                                                                                                                                    |                                          | GW                                                                                                                                                  |                       | 3/12/12                                                                                                                                            |                       | 910                                                                                                                             |  | Fe by EPA 200.7/Fe, Dissolved by EPA 6010 (SW 846-6010) 1 volcs, R260 list (EPA SW 846-82606) plus from 113                                                      |                                          | 2x                                                                                                                                                                                                                                                                            |                                           | 2P                                                                                                                             |                                                                                                                                                                                              |                                                                                                                                           |  |                                                                                                                                |  |                                                                                                                                |  |                                                                                                                                |  |
| WQ3212 915NP2-7                                                                                                                                                                    |                                          | GW                                                                                                                                                  |                       | 3/12/12                                                                                                                                            |                       | 915                                                                                                                             |  | Fe by EPA 200.7/Fe, Dissolved by EPA 6010 (SW 846-6010) 1 volcs, R260 list (EPA SW 846-82606) plus from 113                                                      |                                          | 2x                                                                                                                                                                                                                                                                            |                                           | 2P                                                                                                                             |                                                                                                                                                                                              |                                                                                                                                           |  |                                                                                                                                |  |                                                                                                                                |  |                                                                                                                                |  |
| WQ3212 920NP2-10                                                                                                                                                                   |                                          | GW                                                                                                                                                  |                       | 3/12/12                                                                                                                                            |                       | 920                                                                                                                             |  | Fe by EPA 200.7/Fe, Dissolved by EPA 6010 (SW 846-6010) 1 volcs, R260 list (EPA SW 846-82606) plus from 113                                                      |                                          | 2x                                                                                                                                                                                                                                                                            |                                           | 3P                                                                                                                             |                                                                                                                                                                                              |                                                                                                                                           |  |                                                                                                                                |  |                                                                                                                                |  |                                                                                                                                |  |
| Comments                                                                                                                                                                           |                                          | Preservation Check those Applicable                                                                                                                 |                       | Special Instructions                                                                                                                               |                       | Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>                                                  |  | 4°C _____ Frozen _____ HCl _____ MeOH _____ HNO <sub>3</sub> _____ NaOH _____                                                                                    |                                          | Date/Time                                                                                                                                                                                                                                                                     |                                           | Date/Time                                                                                                                      |                                                                                                                                                                                              | Temperature on Receipt                                                                                                                    |  |                                                                                                                                |  |                                                                                                                                |  |                                                                                                                                |  |
| 3/12/12 12:20                                                                                                                                                                      |                                          | 3/12/12 12:20                                                                                                                                       |                       | 3/12/12 12:20                                                                                                                                      |                       | 3/12/12 12:20                                                                                                                   |  | 3/12/12 12:20                                                                                                                                                    |                                          | 3/12/12 12:20                                                                                                                                                                                                                                                                 |                                           | 3/12/12 12:20                                                                                                                  |                                                                                                                                                                                              | 4.4 °C                                                                                                                                    |  |                                                                                                                                |  |                                                                                                                                |  |                                                                                                                                |  |

# Technical Report

prepared for:

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

Report Date: 03/19/2012  
**Client Project ID: Rowe Industries**  
York Project (SDG) No.: 12C0369

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 03/19/2012  
Client Project ID: Rowe Industries  
York Project (SDG) No.: 12C0369

**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 12, 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> |
|-----------------------|-------------------------|---------------|-----------------------|----------------------|
| 12C0369-01            | WQ3612:1140NP2-6        | Water         | 03/06/2012            | 03/12/2012           |
| 12C0369-02            | WQ3612:1145NP2-7        | Water         | 03/06/2012            | 03/12/2012           |
| 12C0370-01            | WQ3612:1150NP2-10       | Water         | 03/06/2012            | 03/12/2012           |

## General Notes for York Project (SDG) No.: 12C0369

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: 03/19/2012

Robert Q. Bradley  
Executive Vice President / Laboratory Director

**YORK**

### Sample Information

**Client Sample ID:** WQ3612:1140NP2-6

**York Sample ID:** 12C0369-01

York Project (SDG) No.

12C0369

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

March 6, 2012 11:40 am

Date Received

03/12/2012

#### 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  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 71-55-6  | <b>1,1,1-Trichloroethane</b>                      | <b>0.69</b> |      | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND          |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | 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  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 75-34-3  | <b>1,1-Dichloroethane</b>                         | <b>0.34</b> | J    | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 75-35-4  | 1,1-Dichloroethylene                              | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                             | ND          |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND          |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND          |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND          |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND          |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND          |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                 | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND          |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 78-87-5  | 1,2-Dichloropropane                               | ND          |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND          |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND          |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 142-28-9 | 1,3-Dichloropropane                               | ND          |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND          |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 594-20-7 | 2,2-Dichloropropane                               | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 95-49-8  | 2-Chlorotoluene                                   | ND          |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 591-78-6 | 2-Hexanone                                        | ND          |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 106-43-4 | 4-Chlorotoluene                                   | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 67-64-1  | <b>Acetone</b>                                    | <b>1.4</b>  | J, B | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 71-43-2  | Benzene                                           | ND          |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 108-86-1 | Bromobenzene                                      | ND          |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 74-97-5  | Bromochloromethane                                | ND          |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 75-27-4  | Bromodichloromethane                              | ND          |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 75-25-2  | Bromoform                                         | ND          |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 74-83-9  | Bromomethane                                      | ND          |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 56-23-5  | Carbon tetrachloride                              | ND          |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 108-90-7 | Chlorobenzene                                     | ND          |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |

### Sample Information

**Client Sample ID:** WQ3612:1140NP2-6

**York Sample ID:** 12C0369-01

York Project (SDG) No.  
12C0369

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 6, 2012 11:40 am

Date Received  
03/12/2012

**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  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 67-66-3                     | <b>Chloroform</b>                | <b>0.17</b>   | J                       | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 74-87-3                     | Chloromethane                    | ND            |                         | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 156-59-2                    | cis-1,2-Dichloroethylene         | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 10061-01-5                  | cis-1,3-Dichloropropylene        | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 124-48-1                    | Dibromochloromethane             | ND            |                         | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 74-95-3                     | Dibromomethane                   | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 75-71-8                     | Dichlorodifluoromethane          | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 100-41-4                    | Ethyl Benzene                    | ND            |                         | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 87-68-3                     | Hexachlorobutadiene              | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 98-82-8                     | Isopropylbenzene                 | ND            |                         | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)   | ND            |                         | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>        | <b>0.92</b>   | J, B                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 91-20-3                     | <b>Naphthalene</b>               | <b>0.16</b>   | J, B                    | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 1330-20-7P/M                | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 127-18-4                    | <b>Tetrachloroethylene</b>       | <b>0.79</b>   |                         | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 79-01-6                     | <b>Trichloroethylene</b>         | <b>0.14</b>   | J                       | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:04   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 96.9 %        | 75.7-121                |       |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 88.0 %        | 71.3-131                |       |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 103 %         | 86.7-112                |       |       |      |          |                  |                    |                    |         |

### Sample Information

**Client Sample ID:** WQ3612:1140NP2-6

**York Sample ID:** 12C0369-01

York Project (SDG) No.  
12C0369

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 6, 2012 11:40 am

Date Received  
03/12/2012

**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      | 0.0911 |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA SW846-6010B  | 03/13/2012 14:52   | 03/13/2012 18:33   | 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      | 1.71   |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA 200.7        | 03/13/2012 14:52   | 03/13/2012 18:38   | MW      |

### Sample Information

**Client Sample ID:** WQ3612:1145NP2-7

**York Sample ID:** 12C0369-02

York Project (SDG) No.  
12C0369

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 6, 2012 11:45 am

Date Received  
03/12/2012

**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  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |

### Sample Information

**Client Sample ID:** WQ3612:1145NP2-7

**York Sample ID:** 12C0369-02

York Project (SDG) No.  
12C0369

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 6, 2012 11:45 am

Date Received  
03/12/2012

#### 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  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 594-20-7     | 2,2-Dichloropropane            | ND         |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 95-49-8      | 2-Chlorotoluene                | ND         |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 591-78-6     | 2-Hexanone                     | ND         |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 106-43-4     | 4-Chlorotoluene                | ND         |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 67-64-1      | Acetone                        | ND         |      | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 71-43-2      | Benzene                        | ND         |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 108-86-1     | Bromobenzene                   | ND         |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 74-97-5      | Bromochloromethane             | ND         |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 75-27-4      | Bromodichloromethane           | ND         |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 75-25-2      | Bromoform                      | ND         |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 74-83-9      | Bromomethane                   | ND         |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 56-23-5      | Carbon tetrachloride           | ND         |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 108-90-7     | Chlorobenzene                  | ND         |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 75-00-3      | Chloroethane                   | ND         |      | ug/L  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 67-66-3      | Chloroform                     | ND         |      | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 74-87-3      | Chloromethane                  | ND         |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 156-59-2     | cis-1,2-Dichloroethylene       | ND         |      | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 10061-01-5   | cis-1,3-Dichloropropylene      | ND         |      | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 124-48-1     | Dibromochloromethane           | ND         |      | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 74-95-3      | Dibromomethane                 | ND         |      | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 75-71-8      | Dichlorodifluoromethane        | ND         |      | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 100-41-4     | Ethyl Benzene                  | ND         |      | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 87-68-3      | Hexachlorobutadiene            | ND         |      | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 98-82-8      | Isopropylbenzene               | ND         |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 1634-04-4    | Methyl tert-butyl ether (MTBE) | ND         |      | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 75-09-2      | <b>Methylene chloride</b>      | <b>1.0</b> | J, B | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 91-20-3      | Naphthalene                    | ND         |      | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 104-51-8     | n-Butylbenzene                 | ND         |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 103-65-1     | n-Propylbenzene                | ND         |      | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 95-47-6      | o-Xylene                       | ND         |      | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 1330-20-7P/M | p- & m- Xylenes                | ND         |      | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 99-87-6      | p-Isopropyltoluene             | ND         |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 135-98-8     | sec-Butylbenzene               | ND         |      | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 100-42-5     | Styrene                        | ND         |      | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |

### Sample Information

**Client Sample ID:** WQ3612:1145NP2-7

**York Sample ID:** 12C0369-02

York Project (SDG) No.  
12C0369

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 6, 2012 11:45 am

Date Received  
03/12/2012

#### 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  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 127-18-4   | Tetrachloroethylene         | ND     |      | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 108-88-3   | Toluene                     | ND     |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 156-60-5   | trans-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 10061-02-6 | trans-1,3-Dichloropropylene | ND     |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 79-01-6    | Trichloroethylene           | ND     |      | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 75-69-4    | Trichlorofluoromethane      | ND     |      | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 75-01-4    | Vinyl Chloride              | ND     |      | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |
| 1330-20-7  | Xylenes, Total              | ND     |      | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 16:46   | SS      |

#### Surrogate Recoveries

#### Result

#### Acceptance Range

17060-07-0 *Surrogate: 1,2-Dichloroethane-d4*

93.1 %

75.7-121

460-00-4 *Surrogate: p-Bromofluorobenzene*

95.2 %

71.3-131

2037-26-5 *Surrogate: Toluene-d8*

101 %

86.7-112

#### 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      | 0.0816 |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA SW846-6010B  | 03/13/2012 14:52   | 03/13/2012 18:42   | 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      | 1.35   |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA 200.7        | 03/13/2012 14:52   | 03/13/2012 18:47   | MW      |

### Sample Information

**Client Sample ID:** WQ3612:1150NP2-10

**York Sample ID:** 12C0370-01

York Project (SDG) No.  
12C0370

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 6, 2012 11:50 am

Date Received  
03/12/2012

#### 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  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |

### Sample Information

**Client Sample ID:** WQ3612:1150NP2-10

**York Sample ID:** 12C0370-01

York Project (SDG) No.  
12C0370

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 6, 2012 11:50 am

Date Received  
03/12/2012

**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  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 75-35-4    | 1,1-Dichloroethylene        | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 563-58-6   | 1,1-Dichloropropylene       | ND     |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 87-61-6    | 1,2,3-Trichlorobenzene      | ND     |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 96-18-4    | 1,2,3-Trichloropropane      | ND     |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 120-82-1   | 1,2,4-Trichlorobenzene      | ND     |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 95-63-6    | 1,2,4-Trimethylbenzene      | ND     |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 96-12-8    | 1,2-Dibromo-3-chloropropane | ND     |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 106-93-4   | 1,2-Dibromoethane           | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 95-50-1    | 1,2-Dichlorobenzene         | ND     |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 107-06-2   | 1,2-Dichloroethane          | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 78-87-5    | 1,2-Dichloropropane         | ND     |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 108-67-8   | 1,3,5-Trimethylbenzene      | ND     |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 541-73-1   | 1,3-Dichlorobenzene         | ND     |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 142-28-9   | 1,3-Dichloropropane         | ND     |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 106-46-7   | 1,4-Dichlorobenzene         | ND     |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 594-20-7   | 2,2-Dichloropropane         | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 95-49-8    | 2-Chlorotoluene             | ND     |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 591-78-6   | 2-Hexanone                  | ND     |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 106-43-4   | 4-Chlorotoluene             | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 67-64-1    | Acetone                     | ND     |      | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 71-43-2    | Benzene                     | ND     |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 108-86-1   | Bromobenzene                | ND     |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 74-97-5    | Bromochloromethane          | ND     |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 75-27-4    | Bromodichloromethane        | ND     |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 75-25-2    | Bromoform                   | ND     |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 74-83-9    | Bromomethane                | ND     |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 56-23-5    | Carbon tetrachloride        | ND     |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 108-90-7   | Chlorobenzene               | ND     |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 75-00-3    | Chloroethane                | ND     |      | ug/L  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 67-66-3    | Chloroform                  | ND     |      | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 74-87-3    | Chloromethane               | ND     |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 156-59-2   | cis-1,2-Dichloroethylene    | ND     |      | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 10061-01-5 | cis-1,3-Dichloropropylene   | ND     |      | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 124-48-1   | Dibromochloromethane        | ND     |      | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |

### Sample Information

**Client Sample ID:** WQ3612:1150NP2-10

**York Sample ID:** 12C0370-01

York Project (SDG) No.  
12C0370

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 6, 2012 11:50 am

Date Received  
03/12/2012

**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 |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|-------|------|----------|------------------|--------------------|--------------------|---------|
| 74-95-3                     | Dibromomethane                   | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 75-71-8                     | Dichlorodifluoromethane          | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 100-41-4                    | Ethyl Benzene                    | ND            |                         | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 87-68-3                     | Hexachlorobutadiene              | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 98-82-8                     | Isopropylbenzene                 | ND            |                         | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)   | ND            |                         | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>        | <b>0.98</b>   | J, B                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 1330-20-7P/M                | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/15/2012 13:55   | 03/15/2012 17:29   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 95.2 %        | 75.7-121                |       |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 97.3 %        | 71.3-131                |       |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 103 %         | 86.7-112                |       |       |      |          |                  |                    |                    |         |

### Sample Information

**Client Sample ID:** WQ3612:1150NP2-10

**York Sample ID:** 12C0370-01

York Project (SDG) No.  
12C0370

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 6, 2012 11:50 am

Date Received  
03/12/2012

**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      | 0.0957 |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA SW846-6010B  | 03/13/2012 14:52   | 03/13/2012 18:52   | 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      | 1.31   |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA 200.7        | 03/13/2012 14:52   | 03/13/2012 18:57   | MW      |

**Total Dissolved Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter              | Result | Flag | Units | MDL  | RL   | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|------------------------|--------|------|-------|------|------|----------|------------------|--------------------|--------------------|---------|
|         | Total Dissolved Solids | 145    |      | mg/L  | 1.00 | 1.00 | 1        | SM 2540C         | 03/13/2012 16:22   | 03/14/2012 16:22   | AMC     |

## Analytical Batch Summary

**Batch ID:** BC20503      **Preparation Method:** EPA 3010A      **Prepared By:** MW

| YORK Sample ID | Client Sample ID  | Preparation Date |
|----------------|-------------------|------------------|
| 12C0369-01     | WQ3612:1140NP2-6  | 03/13/12         |
| 12C0369-01     | WQ3612:1140NP2-6  | 03/13/12         |
| 12C0369-02     | WQ3612:1145NP2-7  | 03/13/12         |
| 12C0369-02     | WQ3612:1145NP2-7  | 03/13/12         |
| 12C0370-01     | WQ3612:1150NP2-10 | 03/13/12         |
| 12C0370-01     | WQ3612:1150NP2-10 | 03/13/12         |
| BC20503-BLK1   | Blank             | 03/13/12         |
| BC20503-BLK1   | Blank             | 03/13/12         |
| BC20503-SRM1   | Reference         | 03/13/12         |
| BC20503-SRM1   | Reference         | 03/13/12         |

**Batch ID:** BC20529      **Preparation Method:** % Solids Prep      **Prepared By:** AMC

| YORK Sample ID | Client Sample ID  | Preparation Date |
|----------------|-------------------|------------------|
| 12C0370-01     | WQ3612:1150NP2-10 | 03/13/12         |
| BC20529-BLK1   | Blank             | 03/14/12         |
| BC20529-DUP1   | Duplicate         | 03/14/12         |

**Batch ID:** BC20617      **Preparation Method:** EPA 5030B      **Prepared By:** AY

| YORK Sample ID | Client Sample ID  | Preparation Date |
|----------------|-------------------|------------------|
| 12C0369-01     | WQ3612:1140NP2-6  | 03/15/12         |
| 12C0369-02     | WQ3612:1145NP2-7  | 03/15/12         |
| 12C0370-01     | WQ3612:1150NP2-10 | 03/15/12         |
| BC20617-BLK1   | Blank             | 03/15/12         |
| BC20617-BS1    | LCS               | 03/15/12         |
| BC20617-BSD1   | LCS Dup           | 03/15/12         |

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

**York Analytical Laboratories, Inc.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20617 - EPA 5030B**

**Blank (BC20617-BLK1)**

Prepared & Analyzed: 03/15/2012

|                                                   |      |      |      |
|---------------------------------------------------|------|------|------|
| 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                            | 0.63 | 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                                           | 3.2  | 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                                | 5.2  | 2.0  | "    |
| Naphthalene                                       | 1.4  | 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<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20617 - EPA 5030B**

**Blank (BC20617-BLK1)**

Prepared & Analyzed: 03/15/2012

|                             |    |      |      |
|-----------------------------|----|------|------|
| 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 | 9.45 | " | 10.0 | 94.5 | 75.7-121 |
| Surrogate: p-Bromofluorobenzene  | 10.0 | " | 10.0 | 100  | 71.3-131 |
| Surrogate: Toluene-d8            | 10.3 | " | 10.0 | 103  | 86.7-112 |

**LCS (BC20617-BS1)**

Prepared & Analyzed: 03/15/2012

|                                                   |      |      |      |      |          |
|---------------------------------------------------|------|------|------|------|----------|
| 1,1,1,2-Tetrachloroethane                         | 9.55 | ug/L | 10.0 | 95.5 | 82.3-130 |
| 1,1,1-Trichloroethane                             | 9.88 | "    | 10.0 | 98.8 | 75.6-137 |
| 1,1,2,2-Tetrachloroethane                         | 9.04 | "    | 10.0 | 90.4 | 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                             | 9.26 | "    | 10.0 | 92.6 | 74.5-129 |
| 1,1-Dichloroethane                                | 10.2 | "    | 10.0 | 102  | 79.6-132 |
| 1,1-Dichloroethylene                              | 10.1 | "    | 10.0 | 101  | 80.2-146 |
| 1,1-Dichloropropylene                             | 7.15 | "    | 10.0 | 71.5 | 75-136   |
| 1,2,3-Trichlorobenzene                            | 7.31 | "    | 10.0 | 73.1 | 66.1-136 |
| 1,2,3-Trichloropropane                            | 8.66 | "    | 10.0 | 86.6 | 63-131   |
| 1,2,4-Trichlorobenzene                            | 8.17 | "    | 10.0 | 81.7 | 70.6-136 |
| 1,2,4-Trimethylbenzene                            | 9.57 | "    | 10.0 | 95.7 | 75.3-135 |
| 1,2-Dibromo-3-chloropropane                       | 8.60 | "    | 10.0 | 86.0 | 58.9-140 |
| 1,2-Dibromoethane                                 | 9.51 | "    | 10.0 | 95.1 | 79-130   |
| 1,2-Dichlorobenzene                               | 8.94 | "    | 10.0 | 89.4 | 76.1-122 |
| 1,2-Dichloroethane                                | 9.43 | "    | 10.0 | 94.3 | 74.6-132 |
| 1,2-Dichloropropane                               | 10.0 | "    | 10.0 | 100  | 76.9-129 |
| 1,3,5-Trimethylbenzene                            | 9.88 | "    | 10.0 | 98.8 | 70.6-127 |
| 1,3-Dichlorobenzene                               | 9.13 | "    | 10.0 | 91.3 | 77-124   |
| 1,3-Dichloropropane                               | 9.73 | "    | 10.0 | 97.3 | 75.8-126 |
| 1,4-Dichlorobenzene                               | 9.28 | "    | 10.0 | 92.8 | 76.6-125 |
| 2,2-Dichloropropane                               | 10.3 | "    | 10.0 | 103  | 69-133   |
| 2-Chlorotoluene                                   | 9.14 | "    | 10.0 | 91.4 | 66.3-119 |
| 2-Hexanone                                        | 7.83 | "    | 10.0 | 78.3 | 70-130   |
| 4-Chlorotoluene                                   | 9.43 | "    | 10.0 | 94.3 | 69.2-127 |
| Acetone                                           | 11.0 | "    | 10.0 | 110  | 70-130   |
| Benzene                                           | 10.1 | "    | 10.0 | 101  | 76.2-129 |
| Bromobenzene                                      | 9.65 | "    | 10.0 | 96.5 | 71.3-123 |
| Bromochloromethane                                | 9.33 | "    | 10.0 | 93.3 | 70.8-137 |
| Bromodichloromethane                              | 10.0 | "    | 10.0 | 100  | 79.7-134 |
| Bromoform                                         | 9.28 | "    | 10.0 | 92.8 | 70.5-141 |
| Bromomethane                                      | 12.5 | "    | 10.0 | 125  | 43.9-147 |
| Carbon tetrachloride                              | 7.30 | "    | 10.0 | 73.0 | 78.1-138 |
| Chlorobenzene                                     | 9.64 | "    | 10.0 | 96.4 | 80.4-125 |
| Chloroethane                                      | 9.14 | "    | 10.0 | 91.4 | 55.8-140 |
| Chloroform                                        | 9.61 | "    | 10.0 | 96.1 | 76.6-133 |
| Chloromethane                                     | 6.59 | "    | 10.0 | 65.9 | 48.8-115 |

Low Bias

Low Bias

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

**York Analytical Laboratories, Inc.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20617 - EPA 5030B**

**LCS (BC20617-BS1)**

Prepared & Analyzed: 03/15/2012

|                                         |             |  |          |             |  |             |                 |           |  |  |  |
|-----------------------------------------|-------------|--|----------|-------------|--|-------------|-----------------|-----------|--|--|--|
| cis-1,2-Dichloroethylene                | 9.79        |  | ug/L     | 10.0        |  | 97.9        | 75.1-128        |           |  |  |  |
| cis-1,3-Dichloropropylene               | 9.37        |  | "        | 10.0        |  | 93.7        | 74.5-128        |           |  |  |  |
| Dibromochloromethane                    | 9.64        |  | "        | 10.0        |  | 96.4        | 79.8-134        |           |  |  |  |
| Dibromomethane                          | 9.96        |  | "        | 10.0        |  | 99.6        | 79-130          |           |  |  |  |
| Dichlorodifluoromethane                 | 6.62        |  | "        | 10.0        |  | 66.2        | 47.1-101        |           |  |  |  |
| Ethyl Benzene                           | 10.3        |  | "        | 10.0        |  | 103         | 80.8-128        |           |  |  |  |
| Hexachlorobutadiene                     | 8.16        |  | "        | 10.0        |  | 81.6        | 64.8-128        |           |  |  |  |
| Isopropylbenzene                        | 10.4        |  | "        | 10.0        |  | 104         | 75.5-135        |           |  |  |  |
| Methyl tert-butyl ether (MTBE)          | 10.0        |  | "        | 10.0        |  | 100         | 65.1-140        |           |  |  |  |
| Methylene chloride                      | 12.2        |  | "        | 10.0        |  | 122         | 61.3-120        | High Bias |  |  |  |
| Naphthalene                             | 6.05        |  | "        | 10.0        |  | 60.5        | 62.3-148        | Low Bias  |  |  |  |
| n-Butylbenzene                          | 9.51        |  | "        | 10.0        |  | 95.1        | 67.2-123        |           |  |  |  |
| n-Propylbenzene                         | 9.93        |  | "        | 10.0        |  | 99.3        | 70.5-127        |           |  |  |  |
| o-Xylene                                | 9.63        |  | "        | 10.0        |  | 96.3        | 75.9-122        |           |  |  |  |
| p- & m- Xylenes                         | 19.9        |  | "        | 20.0        |  | 99.7        | 77.7-127        |           |  |  |  |
| p-Isopropyltoluene                      | 9.60        |  | "        | 10.0        |  | 96.0        | 75.6-129        |           |  |  |  |
| sec-Butylbenzene                        | 9.69        |  | "        | 10.0        |  | 96.9        | 71.5-125        |           |  |  |  |
| Styrene                                 | 9.53        |  | "        | 10.0        |  | 95.3        | 77.8-123        |           |  |  |  |
| tert-Butylbenzene                       | 11.1        |  | "        | 10.0        |  | 111         | 75.9-151        |           |  |  |  |
| Tetrachloroethylene                     | 10.5        |  | "        | 10.0        |  | 105         | 63.6-167        |           |  |  |  |
| Toluene                                 | 9.90        |  | "        | 10.0        |  | 99.0        | 77-123          |           |  |  |  |
| trans-1,2-Dichloroethylene              | 9.76        |  | "        | 10.0        |  | 97.6        | 76.3-139        |           |  |  |  |
| trans-1,3-Dichloropropylene             | 9.70        |  | "        | 10.0        |  | 97.0        | 72.5-137        |           |  |  |  |
| Trichloroethylene                       | 9.70        |  | "        | 10.0        |  | 97.0        | 77.9-130        |           |  |  |  |
| Trichlorofluoromethane                  | 9.98        |  | "        | 10.0        |  | 99.8        | 57.4-133        |           |  |  |  |
| Vinyl Chloride                          | 8.49        |  | "        | 10.0        |  | 84.9        | 54.9-124        |           |  |  |  |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>9.19</i> |  | <i>"</i> | <i>10.0</i> |  | <i>91.9</i> | <i>75.7-121</i> |           |  |  |  |
| <i>Surrogate: p-Bromofluorobenzene</i>  | <i>9.89</i> |  | <i>"</i> | <i>10.0</i> |  | <i>98.9</i> | <i>71.3-131</i> |           |  |  |  |
| <i>Surrogate: Toluene-d8</i>            | <i>10.1</i> |  | <i>"</i> | <i>10.0</i> |  | <i>101</i>  | <i>86.7-112</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     |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|----------|--------|-----------|----------|
| <b>Batch BC20617 - EPA 5030B</b>                  |        |                 |       |             |                |                                 |             |          |        |           |          |
| <b>LCS Dup (BC20617-BSD1)</b>                     |        |                 |       |             |                | Prepared & Analyzed: 03/15/2012 |             |          |        |           |          |
| 1,1,1,2-Tetrachloroethane                         | 9.27   |                 | ug/L  | 10.0        |                | 92.7                            | 82.3-130    |          | 2.98   | 21.1      |          |
| 1,1,1-Trichloroethane                             | 9.85   |                 | "     | 10.0        |                | 98.5                            | 75.6-137    |          | 0.304  | 19.7      |          |
| 1,1,2,2-Tetrachloroethane                         | 8.18   |                 | "     | 10.0        |                | 81.8                            | 71.3-131    |          | 9.99   | 20.8      |          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 10.5   |                 | "     | 10.0        |                | 105                             | 71.1-129    |          | 1.44   | 21.7      |          |
| 1,1,2-Trichloroethane                             | 9.27   |                 | "     | 10.0        |                | 92.7                            | 74.5-129    |          | 0.108  | 20.3      |          |
| 1,1-Dichloroethane                                | 10.1   |                 | "     | 10.0        |                | 101                             | 79.6-132    |          | 0.492  | 20.6      |          |
| 1,1-Dichloroethylene                              | 10.2   |                 | "     | 10.0        |                | 102                             | 80.2-146    |          | 0.890  | 20        |          |
| 1,1-Dichloropropylene                             | 6.56   |                 | "     | 10.0        |                | 65.6                            | 75-136      | Low Bias | 8.61   | 19.3      |          |
| 1,2,3-Trichlorobenzene                            | 9.01   |                 | "     | 10.0        |                | 90.1                            | 66.1-136    |          | 20.8   | 21.6      |          |
| 1,2,3-Trichloropropane                            | 8.01   |                 | "     | 10.0        |                | 80.1                            | 63-131      |          | 7.80   | 23.9      |          |
| 1,2,4-Trichlorobenzene                            | 8.88   |                 | "     | 10.0        |                | 88.8                            | 70.6-136    |          | 8.33   | 21.7      |          |
| 1,2,4-Trimethylbenzene                            | 9.35   |                 | "     | 10.0        |                | 93.5                            | 75.3-135    |          | 2.33   | 18.8      |          |
| 1,2-Dibromo-3-chloropropane                       | 8.04   |                 | "     | 10.0        |                | 80.4                            | 58.9-140    |          | 6.73   | 27.7      |          |
| 1,2-Dibromoethane                                 | 10.3   |                 | "     | 10.0        |                | 103                             | 79-130      |          | 7.88   | 23        |          |
| 1,2-Dichlorobenzene                               | 9.31   |                 | "     | 10.0        |                | 93.1                            | 76.1-122    |          | 4.05   | 19.8      |          |
| 1,2-Dichloroethane                                | 8.74   |                 | "     | 10.0        |                | 87.4                            | 74.6-132    |          | 7.59   | 20.2      |          |
| 1,2-Dichloropropane                               | 9.78   |                 | "     | 10.0        |                | 97.8                            | 76.9-129    |          | 2.32   | 20.7      |          |
| 1,3,5-Trimethylbenzene                            | 9.41   |                 | "     | 10.0        |                | 94.1                            | 70.6-127    |          | 4.87   | 18.9      |          |
| 1,3-Dichlorobenzene                               | 8.98   |                 | "     | 10.0        |                | 89.8                            | 77-124      |          | 1.66   | 19.2      |          |
| 1,3-Dichloropropane                               | 9.85   |                 | "     | 10.0        |                | 98.5                            | 75.8-126    |          | 1.23   | 22.1      |          |
| 1,4-Dichlorobenzene                               | 8.84   |                 | "     | 10.0        |                | 88.4                            | 76.6-125    |          | 4.86   | 18.6      |          |
| 2,2-Dichloropropane                               | 10.2   |                 | "     | 10.0        |                | 102                             | 69-133      |          | 1.07   | 19.8      |          |
| 2-Chlorotoluene                                   | 8.69   |                 | "     | 10.0        |                | 86.9                            | 66.3-119    |          | 5.05   | 21.6      |          |
| 2-Hexanone                                        | 8.74   |                 | "     | 10.0        |                | 87.4                            | 70-130      |          | 11.0   | 30        |          |
| 4-Chlorotoluene                                   | 9.49   |                 | "     | 10.0        |                | 94.9                            | 69.2-127    |          | 0.634  | 19        |          |
| Acetone                                           | 8.97   |                 | "     | 10.0        |                | 89.7                            | 70-130      |          | 20.6   | 30        |          |
| Benzene                                           | 9.95   |                 | "     | 10.0        |                | 99.5                            | 76.2-129    |          | 1.40   | 19        |          |
| Bromobenzene                                      | 8.94   |                 | "     | 10.0        |                | 89.4                            | 71.3-123    |          | 7.64   | 20.3      |          |
| Bromochloromethane                                | 9.04   |                 | "     | 10.0        |                | 90.4                            | 70.8-137    |          | 3.16   | 23.9      |          |
| Bromodichloromethane                              | 9.97   |                 | "     | 10.0        |                | 99.7                            | 79.7-134    |          | 0.700  | 21        |          |
| Bromoform                                         | 9.04   |                 | "     | 10.0        |                | 90.4                            | 70.5-141    |          | 2.62   | 21.8      |          |
| Bromomethane                                      | 13.4   |                 | "     | 10.0        |                | 134                             | 43.9-147    |          | 7.09   | 28.4      |          |
| Carbon tetrachloride                              | 6.86   |                 | "     | 10.0        |                | 68.6                            | 78.1-138    | Low Bias | 6.21   | 20.1      |          |
| Chlorobenzene                                     | 9.55   |                 | "     | 10.0        |                | 95.5                            | 80.4-125    |          | 0.938  | 19.9      |          |
| Chloroethane                                      | 9.69   |                 | "     | 10.0        |                | 96.9                            | 55.8-140    |          | 5.84   | 23.3      |          |
| Chloroform                                        | 9.49   |                 | "     | 10.0        |                | 94.9                            | 76.6-133    |          | 1.26   | 20.3      |          |
| Chloromethane                                     | 6.48   |                 | "     | 10.0        |                | 64.8                            | 48.8-115    |          | 1.68   | 24.5      |          |
| cis-1,2-Dichloroethylene                          | 9.53   |                 | "     | 10.0        |                | 95.3                            | 75.1-128    |          | 2.69   | 20.5      |          |
| cis-1,3-Dichloropropylene                         | 9.37   |                 | "     | 10.0        |                | 93.7                            | 74.5-128    |          | 0.00   | 19.9      |          |
| Dibromochloromethane                              | 9.34   |                 | "     | 10.0        |                | 93.4                            | 79.8-134    |          | 3.16   | 21.3      |          |
| Dibromomethane                                    | 9.54   |                 | "     | 10.0        |                | 95.4                            | 79-130      |          | 4.31   | 22.4      |          |
| Dichlorodifluoromethane                           | 6.19   |                 | "     | 10.0        |                | 61.9                            | 47.1-101    |          | 6.71   | 23.9      |          |
| Ethyl Benzene                                     | 10.4   |                 | "     | 10.0        |                | 104                             | 80.8-128    |          | 0.579  | 19.2      |          |
| Hexachlorobutadiene                               | 9.35   |                 | "     | 10.0        |                | 93.5                            | 64.8-128    |          | 13.6   | 20.6      |          |
| Isopropylbenzene                                  | 9.89   |                 | "     | 10.0        |                | 98.9                            | 75.5-135    |          | 4.74   | 20        |          |
| Methyl tert-butyl ether (MTBE)                    | 10.1   |                 | "     | 10.0        |                | 101                             | 65.1-140    |          | 1.09   | 23.6      |          |
| Methylene chloride                                | 11.9   |                 | "     | 10.0        |                | 119                             | 61.3-120    |          | 2.41   | 20.4      |          |
| Naphthalene                                       | 8.00   |                 | "     | 10.0        |                | 80.0                            | 62.3-148    |          | 27.8   | 27.1      | Non-dir. |
| n-Butylbenzene                                    | 9.39   |                 | "     | 10.0        |                | 93.9                            | 67.2-123    |          | 1.27   | 19.1      |          |
| n-Propylbenzene                                   | 9.59   |                 | "     | 10.0        |                | 95.9                            | 70.5-127    |          | 3.48   | 23.4      |          |
| o-Xylene                                          | 9.85   |                 | "     | 10.0        |                | 98.5                            | 75.9-122    |          | 2.26   | 19.3      |          |
| p- & m- Xylenes                                   | 19.9   |                 | "     | 20.0        |                | 99.6                            | 77.7-127    |          | 0.0502 | 18.6      |          |
| p-Isopropyltoluene                                | 9.47   |                 | "     | 10.0        |                | 94.7                            | 75.6-129    |          | 1.36   | 19.1      |          |

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

## Batch BC20617 - EPA 5030B

## LCS Dup (BC20617-BSD1)

Prepared &amp; Analyzed: 03/15/2012

|                                  |      |  |      |      |  |      |          |  |       |      |
|----------------------------------|------|--|------|------|--|------|----------|--|-------|------|
| sec-Butylbenzene                 | 9.39 |  | ug/L | 10.0 |  | 93.9 | 71.5-125 |  | 3.14  | 18.9 |
| Styrene                          | 9.61 |  | "    | 10.0 |  | 96.1 | 77.8-123 |  | 0.836 | 20.9 |
| tert-Butylbenzene                | 10.6 |  | "    | 10.0 |  | 106  | 75.9-151 |  | 4.15  | 20.9 |
| Tetrachloroethylene              | 10.0 |  | "    | 10.0 |  | 100  | 63.6-167 |  | 4.39  | 27.7 |
| Toluene                          | 9.75 |  | "    | 10.0 |  | 97.5 | 77-123   |  | 1.53  | 18.7 |
| trans-1,2-Dichloroethylene       | 9.53 |  | "    | 10.0 |  | 95.3 | 76.3-139 |  | 2.38  | 19.5 |
| trans-1,3-Dichloropropylene      | 9.33 |  | "    | 10.0 |  | 93.3 | 72.5-137 |  | 3.89  | 19.3 |
| Trichloroethylene                | 9.52 |  | "    | 10.0 |  | 95.2 | 77.9-130 |  | 1.87  | 20.5 |
| Trichlorofluoromethane           | 9.68 |  | "    | 10.0 |  | 96.8 | 57.4-133 |  | 3.05  | 21.4 |
| Vinyl Chloride                   | 8.37 |  | "    | 10.0 |  | 83.7 | 54.9-124 |  | 1.42  | 22.3 |
| Surrogate: 1,2-Dichloroethane-d4 | 9.53 |  | "    | 10.0 |  | 95.3 | 75.7-121 |  |       |      |
| Surrogate: p-Bromofluorobenzene  | 9.71 |  | "    | 10.0 |  | 97.1 | 71.3-131 |  |       |      |
| Surrogate: Toluene-d8            | 10.1 |  | "    | 10.0 |  | 101  | 86.7-112 |  |       |      |

## Metals by EPA 6000 Series Methods - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20503 - EPA 3010A****Blank (BC20503-BLK1)**

Prepared &amp; Analyzed: 03/13/2012

|      |    |        |      |
|------|----|--------|------|
| Iron | ND | 0.0100 | mg/L |
|------|----|--------|------|

**Reference (BC20503-SRM1)**

Prepared &amp; Analyzed: 03/13/2012

|      |       |        |      |       |     |          |
|------|-------|--------|------|-------|-----|----------|
| Iron | 0.594 | 0.0100 | mg/L | 0.589 | 101 | 87.9-113 |
|------|-------|--------|------|-------|-----|----------|

## Metals by EPA 200 Series Methods - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20503 - EPA 3010A****Blank (BC20503-BLK1)**

Prepared &amp; Analyzed: 03/13/2012

|      |    |        |      |
|------|----|--------|------|
| Iron | ND | 0.0100 | mg/L |
|------|----|--------|------|

**Reference (BC20503-SRM1)**

Prepared &amp; Analyzed: 03/13/2012

|      |       |        |      |       |     |          |
|------|-------|--------|------|-------|-----|----------|
| Iron | 0.594 | 0.0100 | mg/L | 0.589 | 101 | 87.9-113 |
|------|-------|--------|------|-------|-----|----------|

## Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20529 - % Solids Prep****Blank (BC20529-BLK1)**

Prepared &amp; Analyzed: 03/14/2012

Total Dissolved Solids ND 1.00 mg/L

**Duplicate (BC20529-DUP1)**

\*Source sample: 12C0370-01 (WQ3612:1150NP2-10)

Prepared &amp; Analyzed: 03/14/2012

Total Dissolved Solids 140 1.00 mg/L 145 3.51 15

### Notes and Definitions

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| QM-05     | The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.                                                                                                                                                                                                                  |
| QM-05     | The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.                                                                                                                                                                                                                  |
| J         | Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.                                                                                                                                                                                                                                                                                       |
| 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.                                                                                                                                                                                                                                    |
| 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.                                                                                                                                                                                                                                    |
| <hr/>     |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 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.

---

Corrective Action:

**ANALYTICAL LABORATORIES, INC.**  
1120 RESEARCH DR. STRATFORD, CT 06615  
(203) 325-1371 FAX (203) 357-0166

# 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. signature binds you to York's Std. Terms & Conditions.

York Project No. 12C0369

Page 1 of 1

[illegible]

# YORK

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

## 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.

York Project No. / 2 C o 3 7 o

Page 1 of 1

|                                                                                                                                                                                                                                             |  |                                                                                                                                                                      |  |                                                                                                                                                                                        |  |                                                                                                                                                              |  |                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                       |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>YOUR INFORMATION</b><br>Company: <u>L B 6</u><br>Address: <u>4 Research Dr Suite 391</u><br><u>Shelton, CT 06484</u><br>Phone No. <u>203-989-8555</u><br>Contact Person: <u>Tunde Sandoz</u><br>E-Mail Address: <u>TSandoz@LB6CT.com</u> |  | <b>Report To:</b><br>Company: <u>Same</u><br>Address: _____<br>Phone No. _____<br>Attention: _____<br>E-Mail Address: _____                                          |  | <b>Invoice To:</b><br>Company: <u>Same</u><br>Address: _____<br>Phone No. _____<br>Attention: _____<br>E-Mail Address: _____                                                           |  | <b>YOUR PROJECT ID</b><br><u>Rowe Industries</u><br><br><b>Purchase Order No.</b><br><u>NABSA6</u>                                                           |  | <b>Turn-Around Time</b><br><input type="checkbox"/> RUSH - Same Day<br><input type="checkbox"/> RUSH - Next Day<br><input type="checkbox"/> RUSH - Two Day<br><input type="checkbox"/> RUSH - Three Day<br><input type="checkbox"/> RUSH - Four Day<br><input checked="" type="checkbox"/> Standard (5-7 Days) |  | <b>Report Type</b><br><input checked="" type="checkbox"/> Summary Report<br><input type="checkbox"/> Summary w/ QA Summary<br><input checked="" type="checkbox"/> CT RCP Package<br><input type="checkbox"/> CT RCP DQADUE Pkg<br><input type="checkbox"/> NY ASP A Package<br><input type="checkbox"/> NY ASP B Package<br><input type="checkbox"/> NIDEP Red. Deliv.<br><input type="checkbox"/> Electronic Data Deliverables (EDD) |  |                                                                                                                                                                       |  |
| <b>Matrix Codes</b><br>S - soil<br>Other - specify (oil, etc.)<br>WW - wastewater<br>GW - groundwater<br>DW - drinking water<br>Air-A - ambient air<br>Air-SV - soil vapor                                                                  |  | <b>Volatiles</b><br>8260 full<br>624<br>STARS list<br>BTX<br>MTBE<br>TCL list<br>TAGM list<br>CT RCP list<br>Arom. only<br>Halog. only<br>App. IX list<br>8021B list |  | <b>Semit-Vols</b><br>8270 or 625<br>STARS list<br>BIN Only<br>Acids Only<br>PAH list<br>TAGM list<br>CT RCP list<br>TCL list<br>NUDEP list<br>App. IX<br>TCLP BNA<br>SPLP/TCLP 608 PCB |  | <b>Metals</b><br>RCRA8<br>PP13 list<br>TAL<br>CT15 list<br>TAGM list<br>NUDEP list<br>Total<br>Dissolved<br>SPLP/TCLP<br>Hach/Metals<br>LIST Below<br>Helium |  | <b>Misc. Org.</b><br>TPH GRO<br>TPH DRO<br>CT ETPH<br>NY 310-13<br>TPH 1664<br>Air TO14A<br>Air TO15<br>Air STARS<br>Air VPH<br>Air TICs<br>Methane<br>Helium                                                                                                                                                  |  | <b>Full Lists</b><br>Prel. Poll.<br>TCL Organics<br>TAL MetCN<br>Full TCLP<br>Full App IX<br>Prel. 300-Resins<br>Prel. 300-Baseins<br>Prel. 300-Baseins<br>NYDEP-Baseins<br>NYDEP-Baseins<br>TAGM                                                                                                                                                                                                                                     |  | <b>Misc.</b><br>Conductivity<br>Reactivity<br>Ignitability<br>Flash Point<br>Sieve Anal.<br>Hexachlorides<br>TOX<br>BTX/Ph.<br>Aquatic Tox<br>TOC<br>Asbestos<br>Shen |  |

|                                                                                                                                                                                                                                                   |                     |                                         |                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------------------------|-----------------------|
| <b>Choose Analyses Needed from the Menu Above and Enter Below</b>                                                                                                                                                                                 |                     | <b>Container</b>                        |                       |
| <b>Sample Identification</b>                                                                                                                                                                                                                      | <b>Date Sampled</b> | <b>Sample Matrix</b>                    | <b>Description(s)</b> |
| WQ3612-1140NP2-6                                                                                                                                                                                                                                  | 3/6/12 1140         | GW                                      | ZV ZP                 |
| WQ3612-1145NP2-7                                                                                                                                                                                                                                  | 1145                | GW                                      | ZV ZP                 |
| WQ3612-1150NP2-10                                                                                                                                                                                                                                 | 1150                | GW                                      | ZV ZP                 |
| <b>Comments</b>                                                                                                                                                                                                                                   |                     |                                         |                       |
| <p>Fe by EPA 200.7 Fe, Dissolved by EPA 6010 (SW846-6100) 100s,<br/>P260 List (EPA SW846-8260b) plus from 113<br/>Fe by EPA 200.7 Fe, Dissolved by EPA 6010 (SW846-6100) 100s<br/>P260 List (EPA SW846-8260b) plus from 113 / 100s (SH 2540C)</p> |                     |                                         |                       |
| <b>Preservation</b><br>Check these Applicable<br>Special Instructions<br>Field Filtered <input type="checkbox"/><br>Lab to Filter <input type="checkbox"/>                                                                                        |                     | <b>Temperature on Receipt</b><br>4.4 °C |                       |

# Technical Report

prepared for:

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

Report Date: 03/21/2012  
**Client Project ID: Rowe Industries**  
York Project (SDG) No.: 12C0489

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 03/21/2012  
Client Project ID: Rowe Industries  
York Project (SDG) No.: 12C0489

**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 14, 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> |
|-----------------------|-------------------------|---------------|-----------------------|----------------------|
| 12C0489-01            | WQ31312:1100NP2-6       | Water         | 03/13/2012            | 03/14/2012           |
| 12C0489-02            | WQ31312:1105NP2-7       | Water         | 03/13/2012            | 03/14/2012           |
| 12C0490-01            | WQ31312:1110NP2-10      | Water         | 03/13/2012            | 03/14/2012           |

## General Notes for York Project (SDG) No.: 12C0489

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: 03/21/2012

Robert Q. Bradley  
Executive Vice President / Laboratory Director

**YORK**

### Sample Information

**Client Sample ID:** WQ31312:1100NP2-6

**York Sample ID:** 12C0489-01

York Project (SDG) No.

12C0489

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

March 13, 2012 11:00 am

Date Received

03/14/2012

### 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  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 71-55-6  | <b>1,1,1-Trichloroethane</b>                      | <b>0.58</b> |      | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND          |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | 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  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 75-34-3  | <b>1,1-Dichloroethane</b>                         | <b>0.22</b> | J    | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 75-35-4  | 1,1-Dichloroethylene                              | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                             | ND          |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND          |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND          |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND          |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND          |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND          |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                 | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND          |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 78-87-5  | 1,2-Dichloropropane                               | ND          |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND          |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND          |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 142-28-9 | 1,3-Dichloropropane                               | ND          |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND          |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 594-20-7 | 2,2-Dichloropropane                               | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 95-49-8  | 2-Chlorotoluene                                   | ND          |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 591-78-6 | 2-Hexanone                                        | ND          |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 106-43-4 | 4-Chlorotoluene                                   | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 67-64-1  | Acetone                                           | ND          |      | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 71-43-2  | Benzene                                           | ND          |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 108-86-1 | Bromobenzene                                      | ND          |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 74-97-5  | Bromochloromethane                                | ND          |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 75-27-4  | Bromodichloromethane                              | ND          |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 75-25-2  | Bromoform                                         | ND          |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 74-83-9  | Bromomethane                                      | ND          |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 56-23-5  | Carbon tetrachloride                              | ND          |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 108-90-7 | Chlorobenzene                                     | ND          |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |

### Sample Information

**Client Sample ID:** WQ31312:1100NP2-6

**York Sample ID:** 12C0489-01

York Project (SDG) No.  
12C0489

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 13, 2012 11:00 am

Date Received  
03/14/2012

**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  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 67-66-3                     | <b>Chloroform</b>                | <b>0.17</b>   | J                       | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 74-87-3                     | Chloromethane                    | ND            |                         | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 156-59-2                    | <b>cis-1,2-Dichloroethylene</b>  | <b>0.14</b>   | J                       | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 10061-01-5                  | cis-1,3-Dichloropropylene        | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 124-48-1                    | Dibromochloromethane             | ND            |                         | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 74-95-3                     | Dibromomethane                   | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 75-71-8                     | Dichlorodifluoromethane          | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 100-41-4                    | Ethyl Benzene                    | ND            |                         | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 87-68-3                     | Hexachlorobutadiene              | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 98-82-8                     | Isopropylbenzene                 | ND            |                         | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)   | ND            |                         | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>        | <b>0.94</b>   | J, B                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 91-20-3                     | <b>Naphthalene</b>               | <b>0.29</b>   | J, B                    | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 1330-20-7P/M                | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 127-18-4                    | <b>Tetrachloroethylene</b>       | <b>2.4</b>    |                         | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 79-01-6                     | <b>Trichloroethylene</b>         | <b>0.22</b>   | J                       | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 11:49   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 86.0 %        | 75.7-121                |       |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 102 %         | 71.3-131                |       |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 103 %         | 86.7-112                |       |       |      |          |                  |                    |                    |         |

### Sample Information

**Client Sample ID:** WQ31312:1100NP2-6

**York Sample ID:** 12C0489-01

York Project (SDG) No.  
12C0489

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 13, 2012 11:00 am

Date Received  
03/14/2012

**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  | 0.00550 | 0.0100 | 1        | EPA SW846-6010B  | 03/15/2012 15:13   | 03/15/2012 17:43   | 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      | 1.99   |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA 200.7        | 03/15/2012 15:13   | 03/15/2012 17:48   | MW      |

### Sample Information

**Client Sample ID:** WQ31312:1105NP2-7

**York Sample ID:** 12C0489-02

York Project (SDG) No.  
12C0489

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 13, 2012 11:05 am

Date Received  
03/14/2012

**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  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |

### Sample Information

**Client Sample ID:** WQ31312:1105NP2-7

**York Sample ID:** 12C0489-02

York Project (SDG) No.  
12C0489

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 13, 2012 11:05 am

Date Received  
03/14/2012

**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  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 594-20-7     | 2,2-Dichloropropane            | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 95-49-8      | 2-Chlorotoluene                | ND          |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 591-78-6     | 2-Hexanone                     | ND          |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 106-43-4     | 4-Chlorotoluene                | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 67-64-1      | Acetone                        | ND          |      | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 71-43-2      | Benzene                        | ND          |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 108-86-1     | Bromobenzene                   | ND          |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 74-97-5      | Bromochloromethane             | ND          |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 75-27-4      | Bromodichloromethane           | ND          |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 75-25-2      | Bromoform                      | ND          |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 74-83-9      | Bromomethane                   | ND          |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 56-23-5      | Carbon tetrachloride           | ND          |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 108-90-7     | Chlorobenzene                  | ND          |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 75-00-3      | Chloroethane                   | ND          |      | ug/L  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 67-66-3      | Chloroform                     | ND          |      | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 74-87-3      | Chloromethane                  | ND          |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 156-59-2     | cis-1,2-Dichloroethylene       | ND          |      | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 10061-01-5   | cis-1,3-Dichloropropylene      | ND          |      | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 124-48-1     | Dibromochloromethane           | ND          |      | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 74-95-3      | Dibromomethane                 | ND          |      | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 75-71-8      | Dichlorodifluoromethane        | ND          |      | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 100-41-4     | Ethyl Benzene                  | ND          |      | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 87-68-3      | Hexachlorobutadiene            | ND          |      | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 98-82-8      | Isopropylbenzene               | ND          |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 1634-04-4    | Methyl tert-butyl ether (MTBE) | ND          |      | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 75-09-2      | <b>Methylene chloride</b>      | <b>0.84</b> | J, B | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 91-20-3      | <b>Naphthalene</b>             | <b>0.17</b> | J, B | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 104-51-8     | n-Butylbenzene                 | ND          |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 103-65-1     | n-Propylbenzene                | ND          |      | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 95-47-6      | o-Xylene                       | ND          |      | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 1330-20-7P/M | p- & m- Xylenes                | ND          |      | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 99-87-6      | p-Isopropyltoluene             | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 135-98-8     | sec-Butylbenzene               | ND          |      | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 100-42-5     | Styrene                        | ND          |      | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |

### Sample Information

**Client Sample ID:** WQ31312:1105NP2-7

**York Sample ID:** 12C0489-02

York Project (SDG) No.  
12C0489

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 13, 2012 11:05 am

Date Received  
03/14/2012

#### 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  | 0.046                   | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 127-18-4                    | Tetrachloroethylene              | ND            |      | ug/L  | 0.054                   | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 108-88-3                    | Toluene                          | ND            |      | ug/L  | 0.063                   | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |      | ug/L  | 0.055                   | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |      | ug/L  | 0.044                   | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 79-01-6                     | Trichloroethylene                | ND            |      | ug/L  | 0.067                   | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |      | ug/L  | 0.035                   | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 75-01-4                     | Vinyl Chloride                   | ND            |      | ug/L  | 0.060                   | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| 1330-20-7                   | Xylenes, Total                   | ND            |      | ug/L  | 0.12                    | 1.5  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 12:32   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> |      |       | <b>Acceptance Range</b> |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 94.6 %        |      |       | 75.7-121                |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 95.8 %        |      |       | 71.3-131                |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 102 %         |      |       | 86.7-112                |      |          |                  |                    |                    |         |

#### 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 | <b>Iron</b> | <b>0.0450</b> |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA SW846-6010B  | 03/15/2012 15:13   | 03/15/2012 17:53   | 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 | <b>Iron</b> | <b>2.13</b> |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA 200.7        | 03/15/2012 15:13   | 03/15/2012 17:58   | MW      |

### Sample Information

**Client Sample ID:** WQ31312:1110NP2-10

**York Sample ID:** 12C0490-01

York Project (SDG) No.  
12C0490

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 13, 2012 11:10 am

Date Received  
03/14/2012

#### 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  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | 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  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |

### Sample Information

**Client Sample ID:** WQ31312:1110NP2-10

**York Sample ID:** 12C0490-01

York Project (SDG) No.  
12C0490

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 13, 2012 11:10 am

Date Received  
03/14/2012

**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  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 75-35-4    | 1,1-Dichloroethylene        | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 563-58-6   | 1,1-Dichloropropylene       | ND     |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 87-61-6    | 1,2,3-Trichlorobenzene      | ND     |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 96-18-4    | 1,2,3-Trichloropropane      | ND     |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 120-82-1   | 1,2,4-Trichlorobenzene      | ND     |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 95-63-6    | 1,2,4-Trimethylbenzene      | ND     |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 96-12-8    | 1,2-Dibromo-3-chloropropane | ND     |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 106-93-4   | 1,2-Dibromoethane           | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 95-50-1    | 1,2-Dichlorobenzene         | ND     |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 107-06-2   | 1,2-Dichloroethane          | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 78-87-5    | 1,2-Dichloropropane         | ND     |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 108-67-8   | 1,3,5-Trimethylbenzene      | ND     |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 541-73-1   | 1,3-Dichlorobenzene         | ND     |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 142-28-9   | 1,3-Dichloropropane         | ND     |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 106-46-7   | 1,4-Dichlorobenzene         | ND     |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 594-20-7   | 2,2-Dichloropropane         | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 95-49-8    | 2-Chlorotoluene             | ND     |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 591-78-6   | 2-Hexanone                  | ND     |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 106-43-4   | 4-Chlorotoluene             | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 67-64-1    | Acetone                     | 2.4    | B    | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 71-43-2    | Benzene                     | ND     |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 108-86-1   | Bromobenzene                | ND     |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 74-97-5    | Bromochloromethane          | ND     |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 75-27-4    | Bromodichloromethane        | ND     |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 75-25-2    | Bromoform                   | ND     |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 74-83-9    | Bromomethane                | ND     |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 56-23-5    | Carbon tetrachloride        | ND     |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 108-90-7   | Chlorobenzene               | ND     |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 75-00-3    | Chloroethane                | ND     |      | ug/L  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 67-66-3    | Chloroform                  | ND     |      | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 74-87-3    | Chloromethane               | ND     |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 156-59-2   | cis-1,2-Dichloroethylene    | ND     |      | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 10061-01-5 | cis-1,3-Dichloropropylene   | ND     |      | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 124-48-1   | Dibromochloromethane        | ND     |      | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |

### Sample Information

**Client Sample ID:** WQ31312:1110NP2-10

**York Sample ID:** 12C0490-01

York Project (SDG) No.  
12C0490

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 13, 2012 11:10 am

Date Received  
03/14/2012

**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 |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|-------|------|----------|------------------|--------------------|--------------------|---------|
| 74-95-3                     | Dibromomethane                   | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 75-71-8                     | Dichlorodifluoromethane          | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 100-41-4                    | Ethyl Benzene                    | ND            |                         | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 87-68-3                     | Hexachlorobutadiene              | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 98-82-8                     | Isopropylbenzene                 | ND            |                         | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)   | ND            |                         | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>        | <b>0.87</b>   | J, B                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 1330-20-7P/M                | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/16/2012 10:17   | 03/16/2012 13:15   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 95.2 %        | 75.7-121                |       |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 96.8 %        | 71.3-131                |       |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 99.4 %        | 86.7-112                |       |       |      |          |                  |                    |                    |         |

### Sample Information

**Client Sample ID:** WQ31312:1110NP2-10

**York Sample ID:** 12C0490-01

York Project (SDG) No.  
12C0490

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 13, 2012 11:10 am

Date Received  
03/14/2012

**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      | 0.0442 |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA SW846-6010B  | 03/15/2012 15:13   | 03/15/2012 18:03   | 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      | 3.26   |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA 200.7        | 03/15/2012 15:13   | 03/15/2012 18:33   | MW      |

**Total Dissolved Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter              | Result | Flag | Units | MDL  | RL   | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|------------------------|--------|------|-------|------|------|----------|------------------|--------------------|--------------------|---------|
|         | Total Dissolved Solids | 66.0   |      | mg/L  | 1.00 | 1.00 | 1        | SM 2540C         | 03/20/2012 15:28   | 03/20/2012 15:28   | AMC     |

## Analytical Batch Summary

**Batch ID:** BC20632

**Preparation Method:** EPA 3010A

**Prepared By:** MW

| YORK Sample ID | Client Sample ID   | Preparation Date |
|----------------|--------------------|------------------|
| 12C0489-01     | WQ31312:1100NP2-6  | 03/15/12         |
| 12C0489-01     | WQ31312:1100NP2-6  | 03/15/12         |
| 12C0489-02     | WQ31312:1105NP2-7  | 03/15/12         |
| 12C0489-02     | WQ31312:1105NP2-7  | 03/15/12         |
| 12C0490-01     | WQ31312:1110NP2-10 | 03/15/12         |
| 12C0490-01     | WQ31312:1110NP2-10 | 03/15/12         |
| BC20632-BLK1   | Blank              | 03/15/12         |
| BC20632-BLK1   | Blank              | 03/15/12         |
| BC20632-DUP1   | Duplicate          | 03/15/12         |
| BC20632-DUP1   | Duplicate          | 03/15/12         |
| BC20632-MS1    | Matrix Spike       | 03/15/12         |
| BC20632-MS1    | Matrix Spike       | 03/15/12         |
| BC20632-SRM1   | Reference          | 03/15/12         |
| BC20632-SRM1   | Reference          | 03/15/12         |

**Batch ID:** BC20655

**Preparation Method:** EPA 5030B

**Prepared By:** AY

| YORK Sample ID | Client Sample ID   | Preparation Date |
|----------------|--------------------|------------------|
| 12C0489-01     | WQ31312:1100NP2-6  | 03/16/12         |
| 12C0489-02     | WQ31312:1105NP2-7  | 03/16/12         |
| 12C0490-01     | WQ31312:1110NP2-10 | 03/16/12         |
| BC20655-BLK1   | Blank              | 03/16/12         |
| BC20655-BS1    | LCS                | 03/16/12         |
| BC20655-BSD1   | LCS Dup            | 03/16/12         |

**Batch ID:** BC20723

**Preparation Method:** % Solids Prep

**Prepared By:** AMC

| YORK Sample ID | Client Sample ID   | Preparation Date |
|----------------|--------------------|------------------|
| 12C0490-01     | WQ31312:1110NP2-10 | 03/20/12         |
| BC20723-BLK1   | Blank              | 03/20/12         |
| BC20723-DUP1   | Duplicate          | 03/20/12         |

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

**York Analytical Laboratories, Inc.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20655 - EPA 5030B**

**Blank (BC20655-BLK1)**

Prepared & Analyzed: 03/16/2012

|                                                   |      |      |      |
|---------------------------------------------------|------|------|------|
| 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                            | 0.50 | 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                                           | 2.5  | 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                                | 2.7  | 2.0  | "    |
| Naphthalene                                       | 1.3  | 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<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20655 - EPA 5030B**

**Blank (BC20655-BLK1)**

Prepared & Analyzed: 03/16/2012

|                             |    |      |      |
|-----------------------------|----|------|------|
| 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 | 9.72 | " | 10.0 | 97.2 | 75.7-121 |
| Surrogate: p-Bromofluorobenzene  | 9.68 | " | 10.0 | 96.8 | 71.3-131 |
| Surrogate: Toluene-d8            | 10.3 | " | 10.0 | 103  | 86.7-112 |

**LCS (BC20655-BS1)**

Prepared & Analyzed: 03/16/2012

|                                                   |      |      |      |      |          |
|---------------------------------------------------|------|------|------|------|----------|
| 1,1,1,2-Tetrachloroethane                         | 10.5 | ug/L | 10.0 | 105  | 82.3-130 |
| 1,1,1-Trichloroethane                             | 11.6 | "    | 10.0 | 116  | 75.6-137 |
| 1,1,2,2-Tetrachloroethane                         | 9.35 | "    | 10.0 | 93.5 | 71.3-131 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 12.7 | "    | 10.0 | 127  | 71.1-129 |
| 1,1,2-Trichloroethane                             | 9.01 | "    | 10.0 | 90.1 | 74.5-129 |
| 1,1-Dichloroethane                                | 10.9 | "    | 10.0 | 109  | 79.6-132 |
| 1,1-Dichloroethylene                              | 12.2 | "    | 10.0 | 122  | 80.2-146 |
| 1,1-Dichloropropylene                             | 9.94 | "    | 10.0 | 99.4 | 75-136   |
| 1,2,3-Trichlorobenzene                            | 8.21 | "    | 10.0 | 82.1 | 66.1-136 |
| 1,2,3-Trichloropropane                            | 9.03 | "    | 10.0 | 90.3 | 63-131   |
| 1,2,4-Trichlorobenzene                            | 9.34 | "    | 10.0 | 93.4 | 70.6-136 |
| 1,2,4-Trimethylbenzene                            | 11.2 | "    | 10.0 | 112  | 75.3-135 |
| 1,2-Dibromo-3-chloropropane                       | 9.72 | "    | 10.0 | 97.2 | 58.9-140 |
| 1,2-Dibromoethane                                 | 9.62 | "    | 10.0 | 96.2 | 79-130   |
| 1,2-Dichlorobenzene                               | 9.83 | "    | 10.0 | 98.3 | 76.1-122 |
| 1,2-Dichloroethane                                | 9.69 | "    | 10.0 | 96.9 | 74.6-132 |
| 1,2-Dichloropropane                               | 10.6 | "    | 10.0 | 106  | 76.9-129 |
| 1,3,5-Trimethylbenzene                            | 11.1 | "    | 10.0 | 111  | 70.6-127 |
| 1,3-Dichlorobenzene                               | 10.2 | "    | 10.0 | 102  | 77-124   |
| 1,3-Dichloropropane                               | 9.61 | "    | 10.0 | 96.1 | 75.8-126 |
| 1,4-Dichlorobenzene                               | 9.96 | "    | 10.0 | 99.6 | 76.6-125 |
| 2,2-Dichloropropane                               | 12.0 | "    | 10.0 | 120  | 69-133   |
| 2-Chlorotoluene                                   | 10.3 | "    | 10.0 | 103  | 66.3-119 |
| 2-Hexanone                                        | 8.25 | "    | 10.0 | 82.5 | 70-130   |
| 4-Chlorotoluene                                   | 11.0 | "    | 10.0 | 110  | 69.2-127 |
| Acetone                                           | 7.65 | "    | 10.0 | 76.5 | 70-130   |
| Benzene                                           | 11.0 | "    | 10.0 | 110  | 76.2-129 |
| Bromobenzene                                      | 10.5 | "    | 10.0 | 105  | 71.3-123 |
| Bromochloromethane                                | 9.25 | "    | 10.0 | 92.5 | 70.8-137 |
| Bromodichloromethane                              | 10.8 | "    | 10.0 | 108  | 79.7-134 |
| Bromoform                                         | 10.7 | "    | 10.0 | 107  | 70.5-141 |
| Bromomethane                                      | 16.7 | "    | 10.0 | 167  | 43.9-147 |
| Carbon tetrachloride                              | 10.4 | "    | 10.0 | 104  | 78.1-138 |
| Chlorobenzene                                     | 10.4 | "    | 10.0 | 104  | 80.4-125 |
| Chloroethane                                      | 10.4 | "    | 10.0 | 104  | 55.8-140 |
| Chloroform                                        | 10.1 | "    | 10.0 | 101  | 76.6-133 |
| Chloromethane                                     | 7.13 | "    | 10.0 | 71.3 | 48.8-115 |

High Bias

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

**York Analytical Laboratories, Inc.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20655 - EPA 5030B**

**LCS (BC20655-BS1)**

Prepared & Analyzed: 03/16/2012

|                                         |             |  |          |             |  |             |                 |  |  |  |  |
|-----------------------------------------|-------------|--|----------|-------------|--|-------------|-----------------|--|--|--|--|
| cis-1,2-Dichloroethylene                | 10.6        |  | ug/L     | 10.0        |  | 106         | 75.1-128        |  |  |  |  |
| cis-1,3-Dichloropropylene               | 9.84        |  | "        | 10.0        |  | 98.4        | 74.5-128        |  |  |  |  |
| Dibromochloromethane                    | 10.4        |  | "        | 10.0        |  | 104         | 79.8-134        |  |  |  |  |
| Dibromomethane                          | 10.0        |  | "        | 10.0        |  | 100         | 79-130          |  |  |  |  |
| Dichlorodifluoromethane                 | 8.56        |  | "        | 10.0        |  | 85.6        | 47.1-101        |  |  |  |  |
| Ethyl Benzene                           | 11.5        |  | "        | 10.0        |  | 115         | 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)          | 9.97        |  | "        | 10.0        |  | 99.7        | 65.1-140        |  |  |  |  |
| Methylene chloride                      | 7.41        |  | "        | 10.0        |  | 74.1        | 61.3-120        |  |  |  |  |
| Naphthalene                             | 8.38        |  | "        | 10.0        |  | 83.8        | 62.3-148        |  |  |  |  |
| n-Butylbenzene                          | 11.4        |  | "        | 10.0        |  | 114         | 67.2-123        |  |  |  |  |
| n-Propylbenzene                         | 11.7        |  | "        | 10.0        |  | 117         | 70.5-127        |  |  |  |  |
| o-Xylene                                | 10.4        |  | "        | 10.0        |  | 104         | 75.9-122        |  |  |  |  |
| p- & m- Xylenes                         | 21.9        |  | "        | 20.0        |  | 110         | 77.7-127        |  |  |  |  |
| p-Isopropyltoluene                      | 11.4        |  | "        | 10.0        |  | 114         | 75.6-129        |  |  |  |  |
| sec-Butylbenzene                        | 11.9        |  | "        | 10.0        |  | 119         | 71.5-125        |  |  |  |  |
| Styrene                                 | 10.0        |  | "        | 10.0        |  | 100         | 77.8-123        |  |  |  |  |
| tert-Butylbenzene                       | 13.0        |  | "        | 10.0        |  | 130         | 75.9-151        |  |  |  |  |
| Tetrachloroethylene                     | 12.3        |  | "        | 10.0        |  | 123         | 63.6-167        |  |  |  |  |
| Toluene                                 | 11.0        |  | "        | 10.0        |  | 110         | 77-123          |  |  |  |  |
| trans-1,2-Dichloroethylene              | 11.0        |  | "        | 10.0        |  | 110         | 76.3-139        |  |  |  |  |
| trans-1,3-Dichloropropylene             | 9.39        |  | "        | 10.0        |  | 93.9        | 72.5-137        |  |  |  |  |
| Trichloroethylene                       | 11.1        |  | "        | 10.0        |  | 111         | 77.9-130        |  |  |  |  |
| Trichlorofluoromethane                  | 11.9        |  | "        | 10.0        |  | 119         | 57.4-133        |  |  |  |  |
| Vinyl Chloride                          | 10.0        |  | "        | 10.0        |  | 100         | 54.9-124        |  |  |  |  |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>9.79</i> |  | <i>"</i> | <i>10.0</i> |  | <i>97.9</i> | <i>75.7-121</i> |  |  |  |  |
| <i>Surrogate: p-Bromofluorobenzene</i>  | <i>10.3</i> |  | <i>"</i> | <i>10.0</i> |  | <i>103</i>  | <i>71.3-131</i> |  |  |  |  |
| <i>Surrogate: Toluene-d8</i>            | <i>10.6</i> |  | <i>"</i> | <i>10.0</i> |  | <i>106</i>  | <i>86.7-112</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     |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|-----------|-------|-----------|----------|
| <b>Batch BC20655 - EPA 5030B</b>                  |        |                 |       |             |                |                                 |             |           |       |           |          |
| <b>LCS Dup (BC20655-BSD1)</b>                     |        |                 |       |             |                | Prepared & Analyzed: 03/16/2012 |             |           |       |           |          |
| 1,1,1,2-Tetrachloroethane                         | 10.1   |                 | ug/L  | 10.0        |                | 101                             | 82.3-130    |           | 3.78  | 21.1      |          |
| 1,1,1-Trichloroethane                             | 10.6   |                 | "     | 10.0        |                | 106                             | 75.6-137    |           | 8.80  | 19.7      |          |
| 1,1,2,2-Tetrachloroethane                         | 9.31   |                 | "     | 10.0        |                | 93.1                            | 71.3-131    |           | 0.429 | 20.8      |          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 11.6   |                 | "     | 10.0        |                | 116                             | 71.1-129    |           | 9.02  | 21.7      |          |
| 1,1,2-Trichloroethane                             | 10.1   |                 | "     | 10.0        |                | 101                             | 74.5-129    |           | 11.1  | 20.3      |          |
| 1,1-Dichloroethane                                | 10.5   |                 | "     | 10.0        |                | 105                             | 79.6-132    |           | 3.47  | 20.6      |          |
| 1,1-Dichloroethylene                              | 10.7   |                 | "     | 10.0        |                | 107                             | 80.2-146    |           | 12.5  | 20        |          |
| 1,1-Dichloropropylene                             | 7.74   |                 | "     | 10.0        |                | 77.4                            | 75-136      |           | 24.9  | 19.3      | Non-dir. |
| 1,2,3-Trichlorobenzene                            | 8.96   |                 | "     | 10.0        |                | 89.6                            | 66.1-136    |           | 8.74  | 21.6      |          |
| 1,2,3-Trichloropropane                            | 9.89   |                 | "     | 10.0        |                | 98.9                            | 63-131      |           | 9.09  | 23.9      |          |
| 1,2,4-Trichlorobenzene                            | 9.25   |                 | "     | 10.0        |                | 92.5                            | 70.6-136    |           | 0.968 | 21.7      |          |
| 1,2,4-Trimethylbenzene                            | 10.4   |                 | "     | 10.0        |                | 104                             | 75.3-135    |           | 6.77  | 18.8      |          |
| 1,2-Dibromo-3-chloropropane                       | 7.87   |                 | "     | 10.0        |                | 78.7                            | 58.9-140    |           | 21.0  | 27.7      |          |
| 1,2-Dibromoethane                                 | 10.1   |                 | "     | 10.0        |                | 101                             | 79-130      |           | 4.67  | 23        |          |
| 1,2-Dichlorobenzene                               | 9.79   |                 | "     | 10.0        |                | 97.9                            | 76.1-122    |           | 0.408 | 19.8      |          |
| 1,2-Dichloroethane                                | 9.44   |                 | "     | 10.0        |                | 94.4                            | 74.6-132    |           | 2.61  | 20.2      |          |
| 1,2-Dichloropropane                               | 10.1   |                 | "     | 10.0        |                | 101                             | 76.9-129    |           | 5.42  | 20.7      |          |
| 1,3,5-Trimethylbenzene                            | 10.2   |                 | "     | 10.0        |                | 102                             | 70.6-127    |           | 7.70  | 18.9      |          |
| 1,3-Dichlorobenzene                               | 10.1   |                 | "     | 10.0        |                | 101                             | 77-124      |           | 0.295 | 19.2      |          |
| 1,3-Dichloropropane                               | 10.2   |                 | "     | 10.0        |                | 102                             | 75.8-126    |           | 5.66  | 22.1      |          |
| 1,4-Dichlorobenzene                               | 9.59   |                 | "     | 10.0        |                | 95.9                            | 76.6-125    |           | 3.79  | 18.6      |          |
| 2,2-Dichloropropane                               | 11.0   |                 | "     | 10.0        |                | 110                             | 69-133      |           | 8.70  | 19.8      |          |
| 2-Chlorotoluene                                   | 9.61   |                 | "     | 10.0        |                | 96.1                            | 66.3-119    |           | 7.32  | 21.6      |          |
| 2-Hexanone                                        | 9.19   |                 | "     | 10.0        |                | 91.9                            | 70-130      |           | 10.8  | 30        |          |
| 4-Chlorotoluene                                   | 10.3   |                 | "     | 10.0        |                | 103                             | 69.2-127    |           | 6.85  | 19        |          |
| Acetone                                           | 6.33   |                 | "     | 10.0        |                | 63.3                            | 70-130      | Low Bias  | 18.9  | 30        |          |
| Benzene                                           | 10.4   |                 | "     | 10.0        |                | 104                             | 76.2-129    |           | 5.50  | 19        |          |
| Bromobenzene                                      | 10.2   |                 | "     | 10.0        |                | 102                             | 71.3-123    |           | 2.80  | 20.3      |          |
| Bromochloromethane                                | 9.15   |                 | "     | 10.0        |                | 91.5                            | 70.8-137    |           | 1.09  | 23.9      |          |
| Bromodichloromethane                              | 10.8   |                 | "     | 10.0        |                | 108                             | 79.7-134    |           | 0.371 | 21        |          |
| Bromoform                                         | 10.5   |                 | "     | 10.0        |                | 105                             | 70.5-141    |           | 1.79  | 21.8      |          |
| Bromomethane                                      | 15.5   |                 | "     | 10.0        |                | 155                             | 43.9-147    | High Bias | 7.28  | 28.4      |          |
| Carbon tetrachloride                              | 8.44   |                 | "     | 10.0        |                | 84.4                            | 78.1-138    |           | 20.5  | 20.1      | Non-dir. |
| Chlorobenzene                                     | 10.1   |                 | "     | 10.0        |                | 101                             | 80.4-125    |           | 3.03  | 19.9      |          |
| Chloroethane                                      | 9.76   |                 | "     | 10.0        |                | 97.6                            | 55.8-140    |           | 6.73  | 23.3      |          |
| Chloroform                                        | 9.86   |                 | "     | 10.0        |                | 98.6                            | 76.6-133    |           | 2.40  | 20.3      |          |
| Chloromethane                                     | 6.74   |                 | "     | 10.0        |                | 67.4                            | 48.8-115    |           | 5.62  | 24.5      |          |
| cis-1,2-Dichloroethylene                          | 10.1   |                 | "     | 10.0        |                | 101                             | 75.1-128    |           | 4.72  | 20.5      |          |
| cis-1,3-Dichloropropylene                         | 9.87   |                 | "     | 10.0        |                | 98.7                            | 74.5-128    |           | 0.304 | 19.9      |          |
| Dibromochloromethane                              | 10.5   |                 | "     | 10.0        |                | 105                             | 79.8-134    |           | 1.63  | 21.3      |          |
| Dibromomethane                                    | 10.5   |                 | "     | 10.0        |                | 105                             | 79-130      |           | 4.20  | 22.4      |          |
| Dichlorodifluoromethane                           | 7.25   |                 | "     | 10.0        |                | 72.5                            | 47.1-101    |           | 16.6  | 23.9      |          |
| Ethyl Benzene                                     | 10.9   |                 | "     | 10.0        |                | 109                             | 80.8-128    |           | 5.64  | 19.2      |          |
| Hexachlorobutadiene                               | 9.11   |                 | "     | 10.0        |                | 91.1                            | 64.8-128    |           | 12.3  | 20.6      |          |
| Isopropylbenzene                                  | 11.1   |                 | "     | 10.0        |                | 111                             | 75.5-135    |           | 9.67  | 20        |          |
| Methyl tert-butyl ether (MTBE)                    | 11.8   |                 | "     | 10.0        |                | 118                             | 65.1-140    |           | 16.7  | 23.6      |          |
| Methylene chloride                                | 7.73   |                 | "     | 10.0        |                | 77.3                            | 61.3-120    |           | 4.23  | 20.4      |          |
| Naphthalene                                       | 8.45   |                 | "     | 10.0        |                | 84.5                            | 62.3-148    |           | 0.832 | 27.1      |          |
| n-Butylbenzene                                    | 10.1   |                 | "     | 10.0        |                | 101                             | 67.2-123    |           | 12.0  | 19.1      |          |
| n-Propylbenzene                                   | 10.5   |                 | "     | 10.0        |                | 105                             | 70.5-127    |           | 11.1  | 23.4      |          |
| o-Xylene                                          | 10.2   |                 | "     | 10.0        |                | 102                             | 75.9-122    |           | 2.05  | 19.3      |          |
| p- & m- Xylenes                                   | 20.7   |                 | "     | 20.0        |                | 103                             | 77.7-127    |           | 5.83  | 18.6      |          |
| p-Isopropyltoluene                                | 10.3   |                 | "     | 10.0        |                | 103                             | 75.6-129    |           | 10.9  | 19.1      |          |

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

## Batch BC20655 - EPA 5030B

## LCS Dup (BC20655-BSD1)

Prepared &amp; Analyzed: 03/16/2012

|                                  |      |  |      |      |  |      |          |  |      |      |
|----------------------------------|------|--|------|------|--|------|----------|--|------|------|
| sec-Butylbenzene                 | 10.5 |  | ug/L | 10.0 |  | 105  | 71.5-125 |  | 11.9 | 18.9 |
| Styrene                          | 10.2 |  | "    | 10.0 |  | 102  | 77.8-123 |  | 1.78 | 20.9 |
| tert-Butylbenzene                | 11.8 |  | "    | 10.0 |  | 118  | 75.9-151 |  | 10.3 | 20.9 |
| Tetrachloroethylene              | 11.3 |  | "    | 10.0 |  | 113  | 63.6-167 |  | 8.99 | 27.7 |
| Toluene                          | 10.3 |  | "    | 10.0 |  | 103  | 77-123   |  | 6.60 | 18.7 |
| trans-1,2-Dichloroethylene       | 10.3 |  | "    | 10.0 |  | 103  | 76.3-139 |  | 7.05 | 19.5 |
| trans-1,3-Dichloropropylene      | 10.4 |  | "    | 10.0 |  | 104  | 72.5-137 |  | 10.0 | 19.3 |
| Trichloroethylene                | 10.1 |  | "    | 10.0 |  | 101  | 77.9-130 |  | 9.07 | 20.5 |
| Trichlorofluoromethane           | 10.6 |  | "    | 10.0 |  | 106  | 57.4-133 |  | 11.5 | 21.4 |
| Vinyl Chloride                   | 8.99 |  | "    | 10.0 |  | 89.9 | 54.9-124 |  | 10.7 | 22.3 |
| Surrogate: 1,2-Dichloroethane-d4 | 9.94 |  | "    | 10.0 |  | 99.4 | 75.7-121 |  |      |      |
| Surrogate: p-Bromofluorobenzene  | 10.6 |  | "    | 10.0 |  | 106  | 71.3-131 |  |      |      |
| Surrogate: Toluene-d8            | 10.3 |  | "    | 10.0 |  | 103  | 86.7-112 |  |      |      |

## Metals by EPA 6000 Series Methods - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte                                         | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag                            | RPD  | RPD<br>Limit | Flag |
|-------------------------------------------------|--------|--------------------|-------|----------------|-------------------|------|----------------|---------------------------------|------|--------------|------|
| <b>Batch BC20632 - EPA 3010A</b>                |        |                    |       |                |                   |      |                |                                 |      |              |      |
| <b>Blank (BC20632-BLK1)</b>                     |        |                    |       |                |                   |      |                |                                 |      |              |      |
|                                                 |        |                    |       |                |                   |      |                | Prepared & Analyzed: 03/15/2012 |      |              |      |
| Iron                                            | ND     | 0.0100             | mg/L  |                |                   |      |                |                                 |      |              |      |
| <b>Duplicate (BC20632-DUP1)</b>                 |        |                    |       |                |                   |      |                |                                 |      |              |      |
| *Source sample: 12C0490-01 (WQ31312:1110NP2-10) |        |                    |       |                |                   |      |                | Prepared & Analyzed: 03/15/2012 |      |              |      |
| Iron                                            | 0.0466 | 0.0100             | mg/L  |                | 0.0442            |      |                |                                 | 5.29 | 20           |      |
| <b>Matrix Spike (BC20632-MS1)</b>               |        |                    |       |                |                   |      |                |                                 |      |              |      |
| *Source sample: 12C0490-01 (WQ31312:1110NP2-10) |        |                    |       |                |                   |      |                | Prepared & Analyzed: 03/15/2012 |      |              |      |
| Iron                                            | 1.16   | 0.0100             | mg/L  | 1.00           | 0.0442            | 112  | 75-125         |                                 |      |              |      |
| <b>Reference (BC20632-SRM1)</b>                 |        |                    |       |                |                   |      |                |                                 |      |              |      |
|                                                 |        |                    |       |                |                   |      |                | Prepared & Analyzed: 03/15/2012 |      |              |      |
| Iron                                            | 0.572  | 0.0100             | mg/L  | 0.589          |                   | 97.0 | 87.9-113       |                                 |      |              |      |

## Metals by EPA 200 Series Methods - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte                           | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag                                                                            | RPD  | RPD<br>Limit | Flag |
|-----------------------------------|--------|--------------------|-------|----------------|-------------------|------|----------------|---------------------------------------------------------------------------------|------|--------------|------|
| <b>Batch BC20632 - EPA 3010A</b>  |        |                    |       |                |                   |      |                |                                                                                 |      |              |      |
| <b>Blank (BC20632-BLK1)</b>       |        |                    |       |                |                   |      |                | Prepared & Analyzed: 03/15/2012                                                 |      |              |      |
| Iron                              | ND     | 0.0100             | mg/L  |                |                   |      |                |                                                                                 |      |              |      |
| <b>Duplicate (BC20632-DUP1)</b>   |        |                    |       |                |                   |      |                | *Source sample: 12C0490-01 (WQ31312:1110NP2-10) Prepared & Analyzed: 03/15/2012 |      |              |      |
| Iron                              | 3.22   | 0.0100             | mg/L  |                | 3.26              |      |                |                                                                                 | 1.37 | 20           |      |
| <b>Matrix Spike (BC20632-MS1)</b> |        |                    |       |                |                   |      |                | *Source sample: 12C0490-01 (WQ31312:1110NP2-10) Prepared & Analyzed: 03/15/2012 |      |              |      |
| Iron                              | 4.58   | 0.0100             | mg/L  | 1.00           | 3.26              | 132  | 75-125         | High Bias                                                                       |      |              |      |
| <b>Reference (BC20632-SRM1)</b>   |        |                    |       |                |                   |      |                | Prepared & Analyzed: 03/15/2012                                                 |      |              |      |
| Iron                              | 0.572  | 0.0100             | mg/L  | 0.589          |                   | 97.0 | 87.9-113       |                                                                                 |      |              |      |

## Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20723 - % Solids Prep****Blank (BC20723-BLK1)**

Prepared &amp; Analyzed: 03/20/2012

Total Dissolved Solids ND 1.00 mg/L

**Duplicate (BC20723-DUP1)**

\*Source sample: 12C0490-01 (WQ31312:1110NP2-10)

Prepared &amp; Analyzed: 03/20/2012

Total Dissolved Solids 76.0 1.00 mg/L 66.0 14.1 15

**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.                                                                                                                                                                                                                                                                                       |
| 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.                                                                                                                                                                                                                                    |
| 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.                                                                                                                                                                                                                                    |
| <hr/>     |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 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.

---

Corrective Action: Lab Recvd. (1) 40ml. for WQ31312:1110NP2-10 broken.  
PG 3-15-12

1120 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.

York Project No. 120489

[illegible]

# Field Chain-of-Custody Record

Page 1 of 1  
12C0490  
York Project No. 12C0489

**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.

[illegible]

# Technical Report

prepared for:

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

Report Date: 03/28/2012  
**Client Project ID: Rowe Industries**  
York Project (SDG) No.: 12C0766

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 03/28/2012  
Client Project ID: Rowe Industries  
York Project (SDG) No.: 12C0766

**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 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> |
|-----------------------|-------------------------|---------------|-----------------------|----------------------|
| 12C0766-01            | WQ31912:1310NP2-10      | Water         | 03/19/2012            | 03/21/2012           |
| 12C0767-01            | WQ31912:1300NP2-6       | Water         | 03/19/2012            | 03/21/2012           |
| 12C0767-02            | WQ31912:1305NP2-7       | Water         | 03/19/2012            | 03/21/2012           |

## General Notes for York Project (SDG) No.: 12C0766

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: 03/28/2012

Robert Q. Bradley  
Executive Vice President / Laboratory Director

**YORK**

### Sample Information

**Client Sample ID:** WQ31912:1310NP2-10

**York Sample ID:** 12C0766-01

York Project (SDG) No.

12C0766

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

March 19, 2012 1:10 pm

Date Received

03/21/2012

#### 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  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 591-78-6 | 2-Hexanone                                           | ND     |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 106-43-4 | 4-Chlorotoluene                                      | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 67-64-1  | Acetone                                              | ND     |      | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 71-43-2  | Benzene                                              | ND     |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 108-86-1 | Bromobenzene                                         | ND     |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 74-97-5  | Bromochloromethane                                   | ND     |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 75-27-4  | Bromodichloromethane                                 | ND     |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 75-25-2  | Bromoform                                            | ND     |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 74-83-9  | Bromomethane                                         | ND     |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 56-23-5  | Carbon tetrachloride                                 | ND     |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 108-90-7 | Chlorobenzene                                        | ND     |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |

### Sample Information

**Client Sample ID:** WQ31912:1310NP2-10

**York Sample ID:** 12C0766-01

York Project (SDG) No.  
12C0766

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 1:10 pm

Date Received  
03/21/2012

**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  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 67-66-3                     | Chloroform                       | ND            |                         | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 74-87-3                     | Chloromethane                    | ND            |                         | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 156-59-2                    | cis-1,2-Dichloroethylene         | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 10061-01-5                  | cis-1,3-Dichloropropylene        | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 124-48-1                    | Dibromochloromethane             | ND            |                         | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 74-95-3                     | Dibromomethane                   | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 75-71-8                     | Dichlorodifluoromethane          | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 100-41-4                    | Ethyl Benzene                    | ND            |                         | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 87-68-3                     | Hexachlorobutadiene              | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 98-82-8                     | Isopropylbenzene                 | ND            |                         | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)   | ND            |                         | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>        | <b>0.74</b>   | B, J                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 91-20-3                     | <b>Naphthalene</b>               | <b>0.27</b>   | B, J                    | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 1330-20-7P/M                | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/22/2012 15:54   | 03/23/2012 04:44   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 98.8 %        | 72.6-129                |       |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 92.0 %        | 63.5-145                |       |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 99.2 %        | 81.2-127                |       |       |      |          |                  |                    |                    |         |

### Sample Information

**Client Sample ID:** WQ31912:1310NP2-10

**York Sample ID:** 12C0766-01

York Project (SDG) No.  
12C0766

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 1:10 pm

Date Received  
03/21/2012

**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      | 0.121  |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA SW846-6010B  | 03/26/2012 16:09   | 03/26/2012 18:34   | 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      | 0.704  |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA 200.7        | 03/26/2012 16:09   | 03/26/2012 18:52   | MW      |

**Total Dissolved Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter              | Result | Flag | Units | MDL  | RL   | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|------------------------|--------|------|-------|------|------|----------|------------------|--------------------|--------------------|---------|
|         | Total Dissolved Solids | 76.0   |      | mg/L  | 1.00 | 1.00 | 1        | SM 2540C         | 03/26/2012 11:07   | 03/26/2012 11:07   | AMC     |

### Sample Information

**Client Sample ID:** WQ31912:1300NP2-6

**York Sample ID:** 12C0767-01

York Project (SDG) No.  
12C0767

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 1:00 pm

Date Received  
03/21/2012

**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  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 71-55-6  | 1,1,1-Trichloroethane                             | 0.60   |      | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | 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  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 75-34-3  | 1,1-Dichloroethane                                | 0.24   | J    | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                             | ND     |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |

### Sample Information

**Client Sample ID:** WQ31912:1300NP2-6

**York Sample ID:** 12C0767-01

York Project (SDG) No.  
12C0767

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 1:00 pm

Date Received  
03/21/2012

**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 |
|------------|---------------------------------|-------------|------|-------|-------|------|----------|------------------|--------------------|--------------------|---------|
| 78-87-5    | 1,2-Dichloropropane             | ND          |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 108-67-8   | 1,3,5-Trimethylbenzene          | ND          |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 541-73-1   | 1,3-Dichlorobenzene             | ND          |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 142-28-9   | 1,3-Dichloropropane             | ND          |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 106-46-7   | 1,4-Dichlorobenzene             | ND          |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 594-20-7   | 2,2-Dichloropropane             | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 95-49-8    | 2-Chlorotoluene                 | ND          |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 591-78-6   | 2-Hexanone                      | ND          |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 106-43-4   | 4-Chlorotoluene                 | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 67-64-1    | Acetone                         | ND          |      | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 71-43-2    | Benzene                         | ND          |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 108-86-1   | Bromobenzene                    | ND          |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 74-97-5    | Bromochloromethane              | ND          |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 75-27-4    | Bromodichloromethane            | ND          |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 75-25-2    | Bromoform                       | ND          |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 74-83-9    | Bromomethane                    | ND          |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 56-23-5    | Carbon tetrachloride            | ND          |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 108-90-7   | Chlorobenzene                   | ND          |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 75-00-3    | Chloroethane                    | ND          |      | ug/L  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 67-66-3    | <b>Chloroform</b>               | <b>0.16</b> | J    | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 74-87-3    | Chloromethane                   | ND          |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 156-59-2   | <b>cis-1,2-Dichloroethylene</b> | <b>0.30</b> | J    | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 10061-01-5 | cis-1,3-Dichloropropylene       | ND          |      | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 124-48-1   | Dibromochloromethane            | ND          |      | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 74-95-3    | Dibromomethane                  | ND          |      | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 75-71-8    | Dichlorodifluoromethane         | ND          |      | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 100-41-4   | Ethyl Benzene                   | ND          |      | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 87-68-3    | Hexachlorobutadiene             | ND          |      | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 98-82-8    | Isopropylbenzene                | ND          |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 1634-04-4  | Methyl tert-butyl ether (MTBE)  | ND          |      | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 75-09-2    | <b>Methylene chloride</b>       | <b>0.68</b> | J, B | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 91-20-3    | <b>Naphthalene</b>              | <b>0.23</b> | B, J | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 104-51-8   | n-Butylbenzene                  | ND          |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 103-65-1   | n-Propylbenzene                 | ND          |      | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 95-47-6    | o-Xylene                        | ND          |      | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |

### Sample Information

**Client Sample ID:** WQ31912:1300NP2-6

**York Sample ID:** 12C0767-01

York Project (SDG) No.  
12C0767

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 1:00 pm

Date Received  
03/21/2012

#### 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 |
|-----------------------------|----------------------------------|---------------|------|-------------------------|-------|------|----------|------------------|--------------------|--------------------|---------|
| 1330-20-7P/M                | p- & m- Xylenes                  | ND            |      | ug/L                    | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |      | ug/L                    | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |      | ug/L                    | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 100-42-5                    | Styrene                          | ND            |      | ug/L                    | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 98-06-6                     | tert-Butylbenzene                | ND            |      | ug/L                    | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 127-18-4                    | <b>Tetrachloroethylene</b>       | <b>1.7</b>    |      | ug/L                    | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 108-88-3                    | Toluene                          | ND            |      | ug/L                    | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |      | ug/L                    | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |      | ug/L                    | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 79-01-6                     | <b>Trichloroethylene</b>         | <b>0.18</b>   | J    | ug/L                    | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |      | ug/L                    | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 75-01-4                     | Vinyl Chloride                   | ND            |      | ug/L                    | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| 1330-20-7                   | Xylenes, Total                   | ND            |      | ug/L                    | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 04:22   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> |      | <b>Acceptance Range</b> |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 98.8 %        |      | 72.6-129                |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 96.2 %        |      | 63.5-145                |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 102 %         |      | 81.2-127                |       |      |          |                  |                    |                    |         |

#### 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 | <b>Iron</b> | <b>0.0897</b> |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA SW846-6010B  | 03/26/2012 16:09   | 03/26/2012 19:21   | 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 | <b>Iron</b> | <b>0.726</b> |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA 200.7        | 03/26/2012 16:09   | 03/26/2012 19:26   | MW      |

### Sample Information

**Client Sample ID:** WQ31912:1305NP2-7

**York Sample ID:** 12C0767-02

York Project (SDG) No.  
12C0767

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 1:05 pm

Date Received  
03/21/2012

#### 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  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |

### Sample Information

**Client Sample ID:** WQ31912:1305NP2-7

**York Sample ID:** 12C0767-02

York Project (SDG) No.  
12C0767

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 1:05 pm

Date Received  
03/21/2012

**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 |
|----------|------------------------------------------------------|--------|------|-------|-------|------|----------|------------------|--------------------|--------------------|---------|
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 591-78-6 | 2-Hexanone                                           | ND     |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 106-43-4 | 4-Chlorotoluene                                      | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 67-64-1  | Acetone                                              | ND     |      | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 71-43-2  | Benzene                                              | ND     |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 108-86-1 | Bromobenzene                                         | ND     |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 74-97-5  | Bromochloromethane                                   | ND     |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 75-27-4  | Bromodichloromethane                                 | ND     |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 75-25-2  | Bromoform                                            | ND     |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 74-83-9  | Bromomethane                                         | ND     |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 56-23-5  | Carbon tetrachloride                                 | ND     |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 108-90-7 | Chlorobenzene                                        | ND     |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 75-00-3  | Chloroethane                                         | ND     |      | ug/L  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |

### Sample Information

**Client Sample ID:** WQ31912:1305NP2-7

**York Sample ID:** 12C0767-02

York Project (SDG) No.  
12C0767

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 1:05 pm

Date Received  
03/21/2012

#### 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 |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|-------|------|----------|------------------|--------------------|--------------------|---------|
| 67-66-3                     | Chloroform                       | ND            |                         | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 74-87-3                     | Chloromethane                    | ND            |                         | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 156-59-2                    | cis-1,2-Dichloroethylene         | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 10061-01-5                  | cis-1,3-Dichloropropylene        | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 124-48-1                    | Dibromochloromethane             | ND            |                         | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 74-95-3                     | Dibromomethane                   | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 75-71-8                     | Dichlorodifluoromethane          | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 100-41-4                    | Ethyl Benzene                    | ND            |                         | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 87-68-3                     | Hexachlorobutadiene              | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 98-82-8                     | Isopropylbenzene                 | ND            |                         | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)   | ND            |                         | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>        | <b>0.63</b>   | B, J                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 91-20-3                     | <b>Naphthalene</b>               | <b>0.18</b>   | B, J                    | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 1330-20-7P/M                | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/22/2012 15:48   | 03/23/2012 05:05   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 95.5 %        | 72.6-129                |       |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 93.1 %        | 63.5-145                |       |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 101 %         | 81.2-127                |       |       |      |          |                  |                    |                    |         |

### Sample Information

**Client Sample ID:** WQ31912:1305NP2-7

**York Sample ID:** 12C0767-02

York Project (SDG) No.  
12C0767

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 1:05 pm

Date Received  
03/21/2012

**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      | 0.133  |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA SW846-6010B  | 03/26/2012 16:09   | 03/26/2012 19:31   | 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      | 0.441  |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA 200.7        | 03/26/2012 16:09   | 03/26/2012 19:36   | MW      |

## Analytical Batch Summary

**Batch ID:** BC20927      **Preparation Method:** EPA 5030B      **Prepared By:** AY

| YORK Sample ID | Client Sample ID  | Preparation Date |
|----------------|-------------------|------------------|
| 12C0767-01     | WQ31912:1300NP2-6 | 03/22/12         |
| 12C0767-02     | WQ31912:1305NP2-7 | 03/22/12         |
| BC20927-BLK1   | Blank             | 03/22/12         |
| BC20927-BS1    | LCS               | 03/22/12         |
| BC20927-BSD1   | LCS Dup           | 03/22/12         |

**Batch ID:** BC20929      **Preparation Method:** EPA 5030B      **Prepared By:** AY

| YORK Sample ID | Client Sample ID   | Preparation Date |
|----------------|--------------------|------------------|
| 12C0766-01     | WQ31912:1310NP2-10 | 03/22/12         |
| BC20929-BLK1   | Blank              | 03/22/12         |
| BC20929-BS1    | LCS                | 03/22/12         |
| BC20929-BSD1   | LCS Dup            | 03/22/12         |

**Batch ID:** BC20938      **Preparation Method:** % Solids Prep      **Prepared By:** AMC

| YORK Sample ID | Client Sample ID   | Preparation Date |
|----------------|--------------------|------------------|
| 12C0766-01     | WQ31912:1310NP2-10 | 03/26/12         |
| BC20938-BLK1   | Blank              | 03/26/12         |
| BC20938-DUP1   | Duplicate          | 03/26/12         |

**Batch ID:** BC21042      **Preparation Method:** EPA 3010A      **Prepared By:** MW

| YORK Sample ID | Client Sample ID   | Preparation Date |
|----------------|--------------------|------------------|
| 12C0766-01     | WQ31912:1310NP2-10 | 03/26/12         |
| 12C0766-01     | WQ31912:1310NP2-10 | 03/26/12         |
| 12C0767-01     | WQ31912:1300NP2-6  | 03/26/12         |
| 12C0767-01     | WQ31912:1300NP2-6  | 03/26/12         |
| 12C0767-02     | WQ31912:1305NP2-7  | 03/26/12         |
| 12C0767-02     | WQ31912:1305NP2-7  | 03/26/12         |
| BC21042-BLK1   | Blank              | 03/26/12         |
| BC21042-BLK1   | Blank              | 03/26/12         |
| BC21042-DUP1   | Duplicate          | 03/26/12         |
| BC21042-DUP1   | Duplicate          | 03/26/12         |
| BC21042-MS1    | Matrix Spike       | 03/26/12         |
| BC21042-MS1    | Matrix Spike       | 03/26/12         |
| BC21042-SRM1   | Reference          | 03/26/12         |
| BC21042-SRM1   | Reference          | 03/26/12         |

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

**York Analytical Laboratories, Inc.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20927 - EPA 5030B**

**Blank (BC20927-BLK1)**

Prepared & Analyzed: 03/22/2012

|                                                   |      |      |      |
|---------------------------------------------------|------|------|------|
| 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                            | 0.62 | 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                                | 1.9  | 2.0  | "    |
| Naphthalene                                       | 2.3  | 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<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20927 - EPA 5030B**

**Blank (BC20927-BLK1)**

Prepared & Analyzed: 03/22/2012

|                             |    |      |      |
|-----------------------------|----|------|------|
| 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 | 9.49 | " | 10.0 | 94.9 | 72.6-129 |
| Surrogate: p-Bromofluorobenzene  | 9.66 | " | 10.0 | 96.6 | 63.5-145 |
| Surrogate: Toluene-d8            | 10.1 | " | 10.0 | 101  | 81.2-127 |

**LCS (BC20927-BS1)**

Prepared & Analyzed: 03/22/2012

|                                                   |      |      |      |      |          |
|---------------------------------------------------|------|------|------|------|----------|
| 1,1,1,2-Tetrachloroethane                         | 9.85 | ug/L | 10.0 | 98.5 | 82.3-130 |
| 1,1,1-Trichloroethane                             | 9.63 | "    | 10.0 | 96.3 | 75.6-137 |
| 1,1,2,2-Tetrachloroethane                         | 9.33 | "    | 10.0 | 93.3 | 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                             | 9.49 | "    | 10.0 | 94.9 | 74.5-129 |
| 1,1-Dichloroethane                                | 9.97 | "    | 10.0 | 99.7 | 79.6-132 |
| 1,1-Dichloroethylene                              | 10.5 | "    | 10.0 | 105  | 80.2-146 |
| 1,1-Dichloropropylene                             | 11.4 | "    | 10.0 | 114  | 75-136   |
| 1,2,3-Trichlorobenzene                            | 9.06 | "    | 10.0 | 90.6 | 66.1-136 |
| 1,2,3-Trichloropropane                            | 8.89 | "    | 10.0 | 88.9 | 63-131   |
| 1,2,4-Trichlorobenzene                            | 9.65 | "    | 10.0 | 96.5 | 70.6-136 |
| 1,2,4-Trimethylbenzene                            | 9.76 | "    | 10.0 | 97.6 | 75.3-135 |
| 1,2-Dibromo-3-chloropropane                       | 9.61 | "    | 10.0 | 96.1 | 58.9-140 |
| 1,2-Dibromoethane                                 | 10.4 | "    | 10.0 | 104  | 79-130   |
| 1,2-Dichlorobenzene                               | 9.40 | "    | 10.0 | 94.0 | 76.1-122 |
| 1,2-Dichloroethane                                | 9.60 | "    | 10.0 | 96.0 | 74.6-132 |
| 1,2-Dichloropropane                               | 10.0 | "    | 10.0 | 100  | 76.9-129 |
| 1,3,5-Trimethylbenzene                            | 9.78 | "    | 10.0 | 97.8 | 70.6-127 |
| 1,3-Dichlorobenzene                               | 9.17 | "    | 10.0 | 91.7 | 77-124   |
| 1,3-Dichloropropane                               | 9.41 | "    | 10.0 | 94.1 | 75.8-126 |
| 1,4-Dichlorobenzene                               | 9.17 | "    | 10.0 | 91.7 | 76.6-125 |
| 2,2-Dichloropropane                               | 8.06 | "    | 10.0 | 80.6 | 69-133   |
| 2-Chlorotoluene                                   | 9.00 | "    | 10.0 | 90.0 | 66.3-119 |
| 2-Hexanone                                        | 10.0 | "    | 10.0 | 100  | 70-130   |
| 4-Chlorotoluene                                   | 9.49 | "    | 10.0 | 94.9 | 69.2-127 |
| Acetone                                           | 3.45 | "    | 10.0 | 34.5 | 70-130   |
| Benzene                                           | 9.92 | "    | 10.0 | 99.2 | 76.2-129 |
| Bromobenzene                                      | 9.04 | "    | 10.0 | 90.4 | 71.3-123 |
| Bromochloromethane                                | 10.0 | "    | 10.0 | 100  | 70.8-137 |
| Bromodichloromethane                              | 10.1 | "    | 10.0 | 101  | 79.7-134 |
| Bromoform                                         | 9.78 | "    | 10.0 | 97.8 | 70.5-141 |
| Bromomethane                                      | 8.93 | "    | 10.0 | 89.3 | 43.9-147 |
| Carbon tetrachloride                              | 11.3 | "    | 10.0 | 113  | 78.1-138 |
| Chlorobenzene                                     | 9.69 | "    | 10.0 | 96.9 | 80.4-125 |
| Chloroethane                                      | 9.68 | "    | 10.0 | 96.8 | 55.8-140 |
| Chloroform                                        | 9.57 | "    | 10.0 | 95.7 | 76.6-133 |
| Chloromethane                                     | 7.60 | "    | 10.0 | 76.0 | 48.8-115 |

Low Bias

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

**York Analytical Laboratories, Inc.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20927 - EPA 5030B**

**LCS (BC20927-BS1)**

Prepared & Analyzed: 03/22/2012

|                                  |      |  |      |      |  |      |          |          |  |  |  |
|----------------------------------|------|--|------|------|--|------|----------|----------|--|--|--|
| cis-1,2-Dichloroethylene         | 9.92 |  | ug/L | 10.0 |  | 99.2 | 75.1-128 |          |  |  |  |
| cis-1,3-Dichloropropylene        | 9.26 |  | "    | 10.0 |  | 92.6 | 74.5-128 |          |  |  |  |
| Dibromochloromethane             | 9.73 |  | "    | 10.0 |  | 97.3 | 79.8-134 |          |  |  |  |
| Dibromomethane                   | 10.4 |  | "    | 10.0 |  | 104  | 79-130   |          |  |  |  |
| Dichlorodifluoromethane          | 8.55 |  | "    | 10.0 |  | 85.5 | 47.1-101 |          |  |  |  |
| Ethyl Benzene                    | 9.96 |  | "    | 10.0 |  | 99.6 | 80.8-128 |          |  |  |  |
| Hexachlorobutadiene              | 8.93 |  | "    | 10.0 |  | 89.3 | 64.8-128 |          |  |  |  |
| Isopropylbenzene                 | 10.1 |  | "    | 10.0 |  | 101  | 75.5-135 |          |  |  |  |
| Methyl tert-butyl ether (MTBE)   | 4.74 |  | "    | 10.0 |  | 47.4 | 65.1-140 | Low Bias |  |  |  |
| Methylene chloride               | 6.49 |  | "    | 10.0 |  | 64.9 | 61.3-120 |          |  |  |  |
| Naphthalene                      | 10.2 |  | "    | 10.0 |  | 102  | 62.3-148 |          |  |  |  |
| n-Butylbenzene                   | 9.24 |  | "    | 10.0 |  | 92.4 | 67.2-123 |          |  |  |  |
| n-Propylbenzene                  | 9.55 |  | "    | 10.0 |  | 95.5 | 70.5-127 |          |  |  |  |
| o-Xylene                         | 9.41 |  | "    | 10.0 |  | 94.1 | 75.9-122 |          |  |  |  |
| p- & m- Xylenes                  | 19.2 |  | "    | 20.0 |  | 95.8 | 77.7-127 |          |  |  |  |
| p-Isopropyltoluene               | 9.52 |  | "    | 10.0 |  | 95.2 | 75.6-129 |          |  |  |  |
| sec-Butylbenzene                 | 9.32 |  | "    | 10.0 |  | 93.2 | 71.5-125 |          |  |  |  |
| Styrene                          | 9.55 |  | "    | 10.0 |  | 95.5 | 77.8-123 |          |  |  |  |
| tert-Butylbenzene                | 9.50 |  | "    | 10.0 |  | 95.0 | 75.9-151 |          |  |  |  |
| Tetrachloroethylene              | 10.7 |  | "    | 10.0 |  | 107  | 63.6-167 |          |  |  |  |
| Toluene                          | 9.79 |  | "    | 10.0 |  | 97.9 | 77-123   |          |  |  |  |
| trans-1,2-Dichloroethylene       | 10.1 |  | "    | 10.0 |  | 101  | 76.3-139 |          |  |  |  |
| trans-1,3-Dichloropropylene      | 9.50 |  | "    | 10.0 |  | 95.0 | 72.5-137 |          |  |  |  |
| Trichloroethylene                | 10.0 |  | "    | 10.0 |  | 100  | 77.9-130 |          |  |  |  |
| Trichlorofluoromethane           | 10.2 |  | "    | 10.0 |  | 102  | 57.4-133 |          |  |  |  |
| Vinyl Chloride                   | 9.09 |  | "    | 10.0 |  | 90.9 | 54.9-124 |          |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 9.57 |  | "    | 10.0 |  | 95.7 | 72.6-129 |          |  |  |  |
| Surrogate: p-Bromofluorobenzene  | 9.83 |  | "    | 10.0 |  | 98.3 | 63.5-145 |          |  |  |  |
| Surrogate: Toluene-d8            | 9.96 |  | "    | 10.0 |  | 99.6 | 81.2-127 |          |  |  |  |

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

**York Analytical Laboratories, Inc.**

| Analyte                                           | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC                            | %REC<br>Limits | Flag     | RPD   | RPD<br>Limit | Flag     |
|---------------------------------------------------|--------|--------------------|-------|----------------|-------------------|---------------------------------|----------------|----------|-------|--------------|----------|
| <b>Batch BC20927 - EPA 5030B</b>                  |        |                    |       |                |                   |                                 |                |          |       |              |          |
| <b>LCS Dup (BC20927-BSI1)</b>                     |        |                    |       |                |                   | Prepared & Analyzed: 03/22/2012 |                |          |       |              |          |
| 1,1,1,2-Tetrachloroethane                         | 9.75   |                    | ug/L  | 10.0           |                   | 97.5                            | 82.3-130       |          | 1.02  | 21.1         |          |
| 1,1,1-Trichloroethane                             | 9.75   |                    | "     | 10.0           |                   | 97.5                            | 75.6-137       |          | 1.24  | 19.7         |          |
| 1,1,2,2-Tetrachloroethane                         | 8.92   |                    | "     | 10.0           |                   | 89.2                            | 71.3-131       |          | 4.49  | 20.8         |          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 9.81   |                    | "     | 10.0           |                   | 98.1                            | 71.1-129       |          | 3.11  | 21.7         |          |
| 1,1,2-Trichloroethane                             | 9.50   |                    | "     | 10.0           |                   | 95.0                            | 74.5-129       |          | 0.105 | 20.3         |          |
| 1,1-Dichloroethane                                | 9.78   |                    | "     | 10.0           |                   | 97.8                            | 79.6-132       |          | 1.92  | 20.6         |          |
| 1,1-Dichloroethylene                              | 10.2   |                    | "     | 10.0           |                   | 102                             | 80.2-146       |          | 2.41  | 20           |          |
| 1,1-Dichloropropylene                             | 11.6   |                    | "     | 10.0           |                   | 116                             | 75-136         |          | 1.31  | 19.3         |          |
| 1,2,3-Trichlorobenzene                            | 9.66   |                    | "     | 10.0           |                   | 96.6                            | 66.1-136       |          | 6.41  | 21.6         |          |
| 1,2,3-Trichloropropane                            | 8.56   |                    | "     | 10.0           |                   | 85.6                            | 63-131         |          | 3.78  | 23.9         |          |
| 1,2,4-Trichlorobenzene                            | 9.85   |                    | "     | 10.0           |                   | 98.5                            | 70.6-136       |          | 2.05  | 21.7         |          |
| 1,2,4-Trimethylbenzene                            | 9.60   |                    | "     | 10.0           |                   | 96.0                            | 75.3-135       |          | 1.65  | 18.8         |          |
| 1,2-Dibromo-3-chloropropane                       | 8.81   |                    | "     | 10.0           |                   | 88.1                            | 58.9-140       |          | 8.69  | 27.7         |          |
| 1,2-Dibromoethane                                 | 9.94   |                    | "     | 10.0           |                   | 99.4                            | 79-130         |          | 4.04  | 23           |          |
| 1,2-Dichlorobenzene                               | 9.29   |                    | "     | 10.0           |                   | 92.9                            | 76.1-122       |          | 1.18  | 19.8         |          |
| 1,2-Dichloroethane                                | 9.35   |                    | "     | 10.0           |                   | 93.5                            | 74.6-132       |          | 2.64  | 20.2         |          |
| 1,2-Dichloropropane                               | 9.53   |                    | "     | 10.0           |                   | 95.3                            | 76.9-129       |          | 4.91  | 20.7         |          |
| 1,3,5-Trimethylbenzene                            | 9.49   |                    | "     | 10.0           |                   | 94.9                            | 70.6-127       |          | 3.01  | 18.9         |          |
| 1,3-Dichlorobenzene                               | 8.94   |                    | "     | 10.0           |                   | 89.4                            | 77-124         |          | 2.54  | 19.2         |          |
| 1,3-Dichloropropane                               | 9.24   |                    | "     | 10.0           |                   | 92.4                            | 75.8-126       |          | 1.82  | 22.1         |          |
| 1,4-Dichlorobenzene                               | 8.91   |                    | "     | 10.0           |                   | 89.1                            | 76.6-125       |          | 2.88  | 18.6         |          |
| 2,2-Dichloropropane                               | 8.60   |                    | "     | 10.0           |                   | 86.0                            | 69-133         |          | 6.48  | 19.8         |          |
| 2-Chlorotoluene                                   | 8.61   |                    | "     | 10.0           |                   | 86.1                            | 66.3-119       |          | 4.43  | 21.6         |          |
| 2-Hexanone                                        | 9.73   |                    | "     | 10.0           |                   | 97.3                            | 70-130         |          | 3.24  | 30           |          |
| 4-Chlorotoluene                                   | 9.23   |                    | "     | 10.0           |                   | 92.3                            | 69.2-127       |          | 2.78  | 19           |          |
| Acetone                                           | 4.00   |                    | "     | 10.0           |                   | 40.0                            | 70-130         | Low Bias | 14.8  | 30           |          |
| Benzene                                           | 9.68   |                    | "     | 10.0           |                   | 96.8                            | 76.2-129       |          | 2.45  | 19           |          |
| Bromobenzene                                      | 8.70   |                    | "     | 10.0           |                   | 87.0                            | 71.3-123       |          | 3.83  | 20.3         |          |
| Bromochloromethane                                | 9.89   |                    | "     | 10.0           |                   | 98.9                            | 70.8-137       |          | 1.51  | 23.9         |          |
| Bromodichloromethane                              | 10.0   |                    | "     | 10.0           |                   | 100                             | 79.7-134       |          | 1.09  | 21           |          |
| Bromoform                                         | 9.14   |                    | "     | 10.0           |                   | 91.4                            | 70.5-141       |          | 6.77  | 21.8         |          |
| Bromomethane                                      | 9.39   |                    | "     | 10.0           |                   | 93.9                            | 43.9-147       |          | 5.02  | 28.4         |          |
| Carbon tetrachloride                              | 11.6   |                    | "     | 10.0           |                   | 116                             | 78.1-138       |          | 3.23  | 20.1         |          |
| Chlorobenzene                                     | 9.64   |                    | "     | 10.0           |                   | 96.4                            | 80.4-125       |          | 0.517 | 19.9         |          |
| Chloroethane                                      | 9.56   |                    | "     | 10.0           |                   | 95.6                            | 55.8-140       |          | 1.25  | 23.3         |          |
| Chloroform                                        | 9.39   |                    | "     | 10.0           |                   | 93.9                            | 76.6-133       |          | 1.90  | 20.3         |          |
| Chloromethane                                     | 7.77   |                    | "     | 10.0           |                   | 77.7                            | 48.8-115       |          | 2.21  | 24.5         |          |
| cis-1,2-Dichloroethylene                          | 9.54   |                    | "     | 10.0           |                   | 95.4                            | 75.1-128       |          | 3.91  | 20.5         |          |
| cis-1,3-Dichloropropylene                         | 9.07   |                    | "     | 10.0           |                   | 90.7                            | 74.5-128       |          | 2.07  | 19.9         |          |
| Dibromochloromethane                              | 9.70   |                    | "     | 10.0           |                   | 97.0                            | 79.8-134       |          | 0.309 | 21.3         |          |
| Dibromomethane                                    | 10.3   |                    | "     | 10.0           |                   | 103                             | 79-130         |          | 1.45  | 22.4         |          |
| Dichlorodifluoromethane                           | 7.19   |                    | "     | 10.0           |                   | 71.9                            | 47.1-101       |          | 17.3  | 23.9         |          |
| Ethyl Benzene                                     | 10.2   |                    | "     | 10.0           |                   | 102                             | 80.8-128       |          | 1.89  | 19.2         |          |
| Hexachlorobutadiene                               | 9.67   |                    | "     | 10.0           |                   | 96.7                            | 64.8-128       |          | 7.96  | 20.6         |          |
| Isopropylbenzene                                  | 9.81   |                    | "     | 10.0           |                   | 98.1                            | 75.5-135       |          | 3.21  | 20           |          |
| Methyl tert-butyl ether (MTBE)                    | 13.7   |                    | "     | 10.0           |                   | 137                             | 65.1-140       |          | 97.0  | 23.6         | Non-dir. |
| Methylene chloride                                | 7.12   |                    | "     | 10.0           |                   | 71.2                            | 61.3-120       |          | 9.26  | 20.4         |          |
| Naphthalene                                       | 10.5   |                    | "     | 10.0           |                   | 105                             | 62.3-148       |          | 2.89  | 27.1         |          |
| n-Butylbenzene                                    | 9.24   |                    | "     | 10.0           |                   | 92.4                            | 67.2-123       |          | 0.00  | 19.1         |          |
| n-Propylbenzene                                   | 9.24   |                    | "     | 10.0           |                   | 92.4                            | 70.5-127       |          | 3.30  | 23.4         |          |
| o-Xylene                                          | 9.40   |                    | "     | 10.0           |                   | 94.0                            | 75.9-122       |          | 0.106 | 19.3         |          |
| p- & m- Xylenes                                   | 19.4   |                    | "     | 20.0           |                   | 97.2                            | 77.7-127       |          | 1.40  | 18.6         |          |
| p-Isopropyltoluene                                | 9.47   |                    | "     | 10.0           |                   | 94.7                            | 75.6-129       |          | 0.527 | 19.1         |          |

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

**York Analytical Laboratories, Inc.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20927 - EPA 5030B**

**LCS Dup (BC20927-BSD1)**

Prepared & Analyzed: 03/22/2012

|                                         |             |  |          |             |  |             |                 |  |       |      |
|-----------------------------------------|-------------|--|----------|-------------|--|-------------|-----------------|--|-------|------|
| sec-Butylbenzene                        | 9.32        |  | ug/L     | 10.0        |  | 93.2        | 71.5-125        |  | 0.00  | 18.9 |
| Styrene                                 | 9.67        |  | "        | 10.0        |  | 96.7        | 77.8-123        |  | 1.25  | 20.9 |
| tert-Butylbenzene                       | 9.21        |  | "        | 10.0        |  | 92.1        | 75.9-151        |  | 3.10  | 20.9 |
| Tetrachloroethylene                     | 10.8        |  | "        | 10.0        |  | 108         | 63.6-167        |  | 0.559 | 27.7 |
| Toluene                                 | 9.79        |  | "        | 10.0        |  | 97.9        | 77-123          |  | 0.00  | 18.7 |
| trans-1,2-Dichloroethylene              | 9.86        |  | "        | 10.0        |  | 98.6        | 76.3-139        |  | 2.80  | 19.5 |
| trans-1,3-Dichloropropylene             | 9.35        |  | "        | 10.0        |  | 93.5        | 72.5-137        |  | 1.59  | 19.3 |
| Trichloroethylene                       | 9.70        |  | "        | 10.0        |  | 97.0        | 77.9-130        |  | 3.05  | 20.5 |
| Trichlorofluoromethane                  | 9.84        |  | "        | 10.0        |  | 98.4        | 57.4-133        |  | 3.69  | 21.4 |
| Vinyl Chloride                          | 8.61        |  | "        | 10.0        |  | 86.1        | 54.9-124        |  | 5.42  | 22.3 |
| <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>9.46</i> |  | <i>"</i> | <i>10.0</i> |  | <i>94.6</i> | <i>63.5-145</i> |  |       |      |
| <i>Surrogate: Toluene-d8</i>            | <i>9.96</i> |  | <i>"</i> | <i>10.0</i> |  | <i>99.6</i> | <i>81.2-127</i> |  |       |      |

**Batch BC20929 - EPA 5030B**

**Blank (BC20929-BLK1)**

Prepared & Analyzed: 03/22/2012

|                                                   |      |      |      |
|---------------------------------------------------|------|------|------|
| 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                                        | 0.45 | 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 | "    |

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

**York Analytical Laboratories, Inc.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20929 - EPA 5030B**

**Blank (BC20929-BLK1)**

Prepared & Analyzed: 03/22/2012

|                                  |      |      |      |      |  |      |          |  |  |  |  |
|----------------------------------|------|------|------|------|--|------|----------|--|--|--|--|
| 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               | 1.8  | 2.0  | "    |      |  |      |          |  |  |  |  |
| Naphthalene                      | 0.73 | 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  | "    |      |  |      |          |  |  |  |  |
| <hr/>                            |      |      |      |      |  |      |          |  |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 9.58 |      | "    | 10.0 |  | 95.8 | 72.6-129 |  |  |  |  |
| Surrogate: p-Bromofluorobenzene  | 9.81 |      | "    | 10.0 |  | 98.1 | 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 | Units | Spike                           | Source* | %REC | %REC     | Flag     | RPD | RPD   | Flag |
|---------------------------------------------------|--------|-----------|-------|---------------------------------|---------|------|----------|----------|-----|-------|------|
|                                                   |        | Limit     |       | Level                           | Result  |      | Limits   |          |     | Limit |      |
| Batch BC20929 - EPA 5030B                         |        |           |       |                                 |         |      |          |          |     |       |      |
| LCS (BC20929-BS1)                                 |        |           |       | Prepared & Analyzed: 03/22/2012 |         |      |          |          |     |       |      |
| 1,1,1,2-Tetrachloroethane                         | 9.96   |           | ug/L  | 10.0                            |         | 99.6 | 82.3-130 |          |     |       |      |
| 1,1,1-Trichloroethane                             | 9.87   |           | "     | 10.0                            |         | 98.7 | 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) | 10.8   |           | "     | 10.0                            |         | 108  | 71.1-129 |          |     |       |      |
| 1,1,2-Trichloroethane                             | 9.86   |           | "     | 10.0                            |         | 98.6 | 74.5-129 |          |     |       |      |
| 1,1-Dichloroethane                                | 10.3   |           | "     | 10.0                            |         | 103  | 79.6-132 |          |     |       |      |
| 1,1-Dichloroethylene                              | 11.2   |           | "     | 10.0                            |         | 112  | 80.2-146 |          |     |       |      |
| 1,1-Dichloropropylene                             | 11.1   |           | "     | 10.0                            |         | 111  | 75-136   |          |     |       |      |
| 1,2,3-Trichlorobenzene                            | 11.0   |           | "     | 10.0                            |         | 110  | 66.1-136 |          |     |       |      |
| 1,2,3-Trichloropropane                            | 8.83   |           | "     | 10.0                            |         | 88.3 | 63-131   |          |     |       |      |
| 1,2,4-Trichlorobenzene                            | 11.1   |           | "     | 10.0                            |         | 111  | 70.6-136 |          |     |       |      |
| 1,2,4-Trimethylbenzene                            | 9.69   |           | "     | 10.0                            |         | 96.9 | 75.3-135 |          |     |       |      |
| 1,2-Dibromo-3-chloropropane                       | 8.81   |           | "     | 10.0                            |         | 88.1 | 58.9-140 |          |     |       |      |
| 1,2-Dibromoethane                                 | 10.5   |           | "     | 10.0                            |         | 105  | 79-130   |          |     |       |      |
| 1,2-Dichlorobenzene                               | 9.31   |           | "     | 10.0                            |         | 93.1 | 76.1-122 |          |     |       |      |
| 1,2-Dichloroethane                                | 9.94   |           | "     | 10.0                            |         | 99.4 | 74.6-132 |          |     |       |      |
| 1,2-Dichloropropane                               | 10.1   |           | "     | 10.0                            |         | 101  | 76.9-129 |          |     |       |      |
| 1,3,5-Trimethylbenzene                            | 9.48   |           | "     | 10.0                            |         | 94.8 | 70.6-127 |          |     |       |      |
| 1,3-Dichlorobenzene                               | 9.14   |           | "     | 10.0                            |         | 91.4 | 77-124   |          |     |       |      |
| 1,3-Dichloropropane                               | 9.70   |           | "     | 10.0                            |         | 97.0 | 75.8-126 |          |     |       |      |
| 1,4-Dichlorobenzene                               | 9.44   |           | "     | 10.0                            |         | 94.4 | 76.6-125 |          |     |       |      |
| 2,2-Dichloropropane                               | 9.20   |           | "     | 10.0                            |         | 92.0 | 69-133   |          |     |       |      |
| 2-Chlorotoluene                                   | 9.04   |           | "     | 10.0                            |         | 90.4 | 66.3-119 |          |     |       |      |
| 2-Hexanone                                        | 9.50   |           | "     | 10.0                            |         | 95.0 | 70-130   |          |     |       |      |
| 4-Chlorotoluene                                   | 9.14   |           | "     | 10.0                            |         | 91.4 | 69.2-127 |          |     |       |      |
| Acetone                                           | 2.80   |           | "     | 10.0                            |         | 28.0 | 70-130   | Low Bias |     |       |      |
| Benzene                                           | 9.90   |           | "     | 10.0                            |         | 99.0 | 76.2-129 |          |     |       |      |
| Bromobenzene                                      | 9.19   |           | "     | 10.0                            |         | 91.9 | 71.3-123 |          |     |       |      |
| Bromochloromethane                                | 9.97   |           | "     | 10.0                            |         | 99.7 | 70.8-137 |          |     |       |      |
| Bromodichloromethane                              | 9.94   |           | "     | 10.0                            |         | 99.4 | 79.7-134 |          |     |       |      |
| Bromoform                                         | 9.55   |           | "     | 10.0                            |         | 95.5 | 70.5-141 |          |     |       |      |
| Bromomethane                                      | 8.44   |           | "     | 10.0                            |         | 84.4 | 43.9-147 |          |     |       |      |
| Carbon tetrachloride                              | 11.1   |           | "     | 10.0                            |         | 111  | 78.1-138 |          |     |       |      |
| Chlorobenzene                                     | 9.84   |           | "     | 10.0                            |         | 98.4 | 80.4-125 |          |     |       |      |
| Chloroethane                                      | 9.75   |           | "     | 10.0                            |         | 97.5 | 55.8-140 |          |     |       |      |
| Chloroform                                        | 9.66   |           | "     | 10.0                            |         | 96.6 | 76.6-133 |          |     |       |      |
| Chloromethane                                     | 8.04   |           | "     | 10.0                            |         | 80.4 | 48.8-115 |          |     |       |      |
| cis-1,2-Dichloroethylene                          | 10.1   |           | "     | 10.0                            |         | 101  | 75.1-128 |          |     |       |      |
| cis-1,3-Dichloropropylene                         | 9.20   |           | "     | 10.0                            |         | 92.0 | 74.5-128 |          |     |       |      |
| Dibromochloromethane                              | 9.68   |           | "     | 10.0                            |         | 96.8 | 79.8-134 |          |     |       |      |
| Dibromomethane                                    | 10.1   |           | "     | 10.0                            |         | 101  | 79-130   |          |     |       |      |
| Dichlorodifluoromethane                           | 8.90   |           | "     | 10.0                            |         | 89.0 | 47.1-101 |          |     |       |      |
| Ethyl Benzene                                     | 10.2   |           | "     | 10.0                            |         | 102  | 80.8-128 |          |     |       |      |
| Hexachlorobutadiene                               | 9.47   |           | "     | 10.0                            |         | 94.7 | 64.8-128 |          |     |       |      |
| Isopropylbenzene                                  | 9.84   |           | "     | 10.0                            |         | 98.4 | 75.5-135 |          |     |       |      |
| Methyl tert-butyl ether (MTBE)                    | 7.90   |           | "     | 10.0                            |         | 79.0 | 65.1-140 |          |     |       |      |
| Methylene chloride                                | 6.58   |           | "     | 10.0                            |         | 65.8 | 61.3-120 |          |     |       |      |
| Naphthalene                                       | 10.7   |           | "     | 10.0                            |         | 107  | 62.3-148 |          |     |       |      |
| n-Butylbenzene                                    | 9.39   |           | "     | 10.0                            |         | 93.9 | 67.2-123 |          |     |       |      |
| n-Propylbenzene                                   | 9.19   |           | "     | 10.0                            |         | 91.9 | 70.5-127 |          |     |       |      |
| o-Xylene                                          | 9.63   |           | "     | 10.0                            |         | 96.3 | 75.9-122 |          |     |       |      |
| p- & m- Xylenes                                   | 19.9   |           | "     | 20.0                            |         | 99.4 | 77.7-127 |          |     |       |      |
| p-Isopropyltoluene                                | 9.69   |           | "     | 10.0                            |         | 96.9 | 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     |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|---------------------------------|-------------|----------|-------|-----------|----------|
| <b>Batch BC20929 - EPA 5030B</b>                  |        |                 |       |             |                |                                 |             |          |       |           |          |
| <b>LCS (BC20929-BS1)</b>                          |        |                 |       |             |                | Prepared & Analyzed: 03/22/2012 |             |          |       |           |          |
| sec-Butylbenzene                                  | 9.32   |                 | ug/L  | 10.0        |                | 93.2                            | 71.5-125    |          |       |           |          |
| Styrene                                           | 9.96   |                 | "     | 10.0        |                | 99.6                            | 77.8-123    |          |       |           |          |
| tert-Butylbenzene                                 | 10.2   |                 | "     | 10.0        |                | 102                             | 75.9-151    |          |       |           |          |
| Tetrachloroethylene                               | 10.1   |                 | "     | 10.0        |                | 101                             | 63.6-167    |          |       |           |          |
| Toluene                                           | 9.78   |                 | "     | 10.0        |                | 97.8                            | 77-123      |          |       |           |          |
| trans-1,2-Dichloroethylene                        | 10.3   |                 | "     | 10.0        |                | 103                             | 76.3-139    |          |       |           |          |
| trans-1,3-Dichloropropylene                       | 9.53   |                 | "     | 10.0        |                | 95.3                            | 72.5-137    |          |       |           |          |
| Trichloroethylene                                 | 9.70   |                 | "     | 10.0        |                | 97.0                            | 77.9-130    |          |       |           |          |
| Trichlorofluoromethane                            | 10.5   |                 | "     | 10.0        |                | 105                             | 57.4-133    |          |       |           |          |
| Vinyl Chloride                                    | 9.47   |                 | "     | 10.0        |                | 94.7                            | 54.9-124    |          |       |           |          |
| Surrogate: 1,2-Dichloroethane-d4                  | 9.73   |                 | "     | 10.0        |                | 97.3                            | 72.6-129    |          |       |           |          |
| Surrogate: p-Bromofluorobenzene                   | 9.57   |                 | "     | 10.0        |                | 95.7                            | 63.5-145    |          |       |           |          |
| Surrogate: Toluene-d8                             | 9.85   |                 | "     | 10.0        |                | 98.5                            | 81.2-127    |          |       |           |          |
| <b>LCS Dup (BC20929-BSD1)</b>                     |        |                 |       |             |                | Prepared & Analyzed: 03/22/2012 |             |          |       |           |          |
| 1,1,1,2-Tetrachloroethane                         | 10.4   |                 | ug/L  | 10.0        |                | 104                             | 82.3-130    |          | 4.23  | 21.1      |          |
| 1,1,1-Trichloroethane                             | 9.82   |                 | "     | 10.0        |                | 98.2                            | 75.6-137    |          | 0.508 | 19.7      |          |
| 1,1,2,2-Tetrachloroethane                         | 9.46   |                 | "     | 10.0        |                | 94.6                            | 71.3-131    |          | 3.66  | 20.8      |          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 9.90   |                 | "     | 10.0        |                | 99.0                            | 71.1-129    |          | 8.79  | 21.7      |          |
| 1,1,2-Trichloroethane                             | 9.53   |                 | "     | 10.0        |                | 95.3                            | 74.5-129    |          | 3.40  | 20.3      |          |
| 1,1-Dichloroethane                                | 9.94   |                 | "     | 10.0        |                | 99.4                            | 79.6-132    |          | 3.36  | 20.6      |          |
| 1,1-Dichloroethylene                              | 10.4   |                 | "     | 10.0        |                | 104                             | 80.2-146    |          | 7.78  | 20        |          |
| 1,1-Dichloropropylene                             | 10.9   |                 | "     | 10.0        |                | 109                             | 75-136      |          | 1.64  | 19.3      |          |
| 1,2,3-Trichlorobenzene                            | 9.98   |                 | "     | 10.0        |                | 99.8                            | 66.1-136    |          | 9.72  | 21.6      |          |
| 1,2,3-Trichloropropane                            | 9.08   |                 | "     | 10.0        |                | 90.8                            | 63-131      |          | 2.79  | 23.9      |          |
| 1,2,4-Trichlorobenzene                            | 10.6   |                 | "     | 10.0        |                | 106                             | 70.6-136    |          | 4.33  | 21.7      |          |
| 1,2,4-Trimethylbenzene                            | 9.83   |                 | "     | 10.0        |                | 98.3                            | 75.3-135    |          | 1.43  | 18.8      |          |
| 1,2-Dibromo-3-chloropropane                       | 9.32   |                 | "     | 10.0        |                | 93.2                            | 58.9-140    |          | 5.63  | 27.7      |          |
| 1,2-Dibromoethane                                 | 10.4   |                 | "     | 10.0        |                | 104                             | 79-130      |          | 0.763 | 23        |          |
| 1,2-Dichlorobenzene                               | 9.63   |                 | "     | 10.0        |                | 96.3                            | 76.1-122    |          | 3.38  | 19.8      |          |
| 1,2-Dichloroethane                                | 9.65   |                 | "     | 10.0        |                | 96.5                            | 74.6-132    |          | 2.96  | 20.2      |          |
| 1,2-Dichloropropane                               | 10.2   |                 | "     | 10.0        |                | 102                             | 76.9-129    |          | 0.493 | 20.7      |          |
| 1,3,5-Trimethylbenzene                            | 9.79   |                 | "     | 10.0        |                | 97.9                            | 70.6-127    |          | 3.22  | 18.9      |          |
| 1,3-Dichlorobenzene                               | 9.16   |                 | "     | 10.0        |                | 91.6                            | 77-124      |          | 0.219 | 19.2      |          |
| 1,3-Dichloropropane                               | 9.53   |                 | "     | 10.0        |                | 95.3                            | 75.8-126    |          | 1.77  | 22.1      |          |
| 1,4-Dichlorobenzene                               | 9.41   |                 | "     | 10.0        |                | 94.1                            | 76.6-125    |          | 0.318 | 18.6      |          |
| 2,2-Dichloropropane                               | 8.84   |                 | "     | 10.0        |                | 88.4                            | 69-133      |          | 3.99  | 19.8      |          |
| 2-Chlorotoluene                                   | 9.60   |                 | "     | 10.0        |                | 96.0                            | 66.3-119    |          | 6.01  | 21.6      |          |
| 2-Hexanone                                        | 10.1   |                 | "     | 10.0        |                | 101                             | 70-130      |          | 5.83  | 30        |          |
| 4-Chlorotoluene                                   | 9.44   |                 | "     | 10.0        |                | 94.4                            | 69.2-127    |          | 3.23  | 19        |          |
| Acetone                                           | 4.03   |                 | "     | 10.0        |                | 40.3                            | 70-130      | Low Bias | 36.0  | 30        | Non-dir. |
| Benzene                                           | 9.79   |                 | "     | 10.0        |                | 97.9                            | 76.2-129    |          | 1.12  | 19        |          |
| Bromobenzene                                      | 9.06   |                 | "     | 10.0        |                | 90.6                            | 71.3-123    |          | 1.42  | 20.3      |          |
| Bromochloromethane                                | 9.69   |                 | "     | 10.0        |                | 96.9                            | 70.8-137    |          | 2.85  | 23.9      |          |
| Bromodichloromethane                              | 10.5   |                 | "     | 10.0        |                | 105                             | 79.7-134    |          | 5.29  | 21        |          |
| Bromoform                                         | 9.46   |                 | "     | 10.0        |                | 94.6                            | 70.5-141    |          | 0.947 | 21.8      |          |
| Bromomethane                                      | 7.84   |                 | "     | 10.0        |                | 78.4                            | 43.9-147    |          | 7.37  | 28.4      |          |
| Carbon tetrachloride                              | 11.0   |                 | "     | 10.0        |                | 110                             | 78.1-138    |          | 1.08  | 20.1      |          |
| Chlorobenzene                                     | 9.94   |                 | "     | 10.0        |                | 99.4                            | 80.4-125    |          | 1.01  | 19.9      |          |
| Chloroethane                                      | 9.15   |                 | "     | 10.0        |                | 91.5                            | 55.8-140    |          | 6.35  | 23.3      |          |
| Chloroform                                        | 9.46   |                 | "     | 10.0        |                | 94.6                            | 76.6-133    |          | 2.09  | 20.3      |          |
| Chloromethane                                     | 7.32   |                 | "     | 10.0        |                | 73.2                            | 48.8-115    |          | 9.38  | 24.5      |          |
| cis-1,2-Dichloroethylene                          | 9.74   |                 | "     | 10.0        |                | 97.4                            | 75.1-128    |          | 3.33  | 20.5      |          |

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

**York Analytical Laboratories, Inc.**

| Analyte                          | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC                            | %REC<br>Limits | Flag | RPD   | RPD<br>Limit | Flag     |
|----------------------------------|--------|--------------------|-------|----------------|-------------------|---------------------------------|----------------|------|-------|--------------|----------|
| <b>Batch BC20929 - EPA 5030B</b> |        |                    |       |                |                   |                                 |                |      |       |              |          |
| <b>LCS Dup (BC20929-BSD1)</b>    |        |                    |       |                |                   | Prepared & Analyzed: 03/22/2012 |                |      |       |              |          |
| cis-1,3-Dichloropropylene        | 9.25   |                    | ug/L  | 10.0           |                   | 92.5                            | 74.5-128       |      | 0.542 | 19.9         |          |
| Dibromochloromethane             | 9.96   |                    | "     | 10.0           |                   | 99.6                            | 79.8-134       |      | 2.85  | 21.3         |          |
| Dibromomethane                   | 10.6   |                    | "     | 10.0           |                   | 106                             | 79-130         |      | 5.50  | 22.4         |          |
| Dichlorodifluoromethane          | 6.87   |                    | "     | 10.0           |                   | 68.7                            | 47.1-101       |      | 25.7  | 23.9         | Non-dir. |
| Ethyl Benzene                    | 10.2   |                    | "     | 10.0           |                   | 102                             | 80.8-128       |      | 0.589 | 19.2         |          |
| Hexachlorobutadiene              | 8.92   |                    | "     | 10.0           |                   | 89.2                            | 64.8-128       |      | 5.98  | 20.6         |          |
| Isopropylbenzene                 | 10.1   |                    | "     | 10.0           |                   | 101                             | 75.5-135       |      | 2.61  | 20           |          |
| Methyl tert-butyl ether (MTBE)   | 7.99   |                    | "     | 10.0           |                   | 79.9                            | 65.1-140       |      | 1.13  | 23.6         |          |
| Methylene chloride               | 7.34   |                    | "     | 10.0           |                   | 73.4                            | 61.3-120       |      | 10.9  | 20.4         |          |
| Naphthalene                      | 10.2   |                    | "     | 10.0           |                   | 102                             | 62.3-148       |      | 4.30  | 27.1         |          |
| n-Butylbenzene                   | 9.53   |                    | "     | 10.0           |                   | 95.3                            | 67.2-123       |      | 1.48  | 19.1         |          |
| n-Propylbenzene                  | 9.55   |                    | "     | 10.0           |                   | 95.5                            | 70.5-127       |      | 3.84  | 23.4         |          |
| o-Xylene                         | 9.71   |                    | "     | 10.0           |                   | 97.1                            | 75.9-122       |      | 0.827 | 19.3         |          |
| p- & m- Xylenes                  | 19.9   |                    | "     | 20.0           |                   | 99.3                            | 77.7-127       |      | 0.151 | 18.6         |          |
| p-Isopropyltoluene               | 9.82   |                    | "     | 10.0           |                   | 98.2                            | 75.6-129       |      | 1.33  | 19.1         |          |
| sec-Butylbenzene                 | 9.59   |                    | "     | 10.0           |                   | 95.9                            | 71.5-125       |      | 2.86  | 18.9         |          |
| Styrene                          | 9.99   |                    | "     | 10.0           |                   | 99.9                            | 77.8-123       |      | 0.301 | 20.9         |          |
| tert-Butylbenzene                | 10.5   |                    | "     | 10.0           |                   | 105                             | 75.9-151       |      | 2.90  | 20.9         |          |
| Tetrachloroethylene              | 10.6   |                    | "     | 10.0           |                   | 106                             | 63.6-167       |      | 4.82  | 27.7         |          |
| Toluene                          | 9.96   |                    | "     | 10.0           |                   | 99.6                            | 77-123         |      | 1.82  | 18.7         |          |
| trans-1,2-Dichloroethylene       | 9.84   |                    | "     | 10.0           |                   | 98.4                            | 76.3-139       |      | 4.28  | 19.5         |          |
| trans-1,3-Dichloropropylene      | 9.86   |                    | "     | 10.0           |                   | 98.6                            | 72.5-137       |      | 3.40  | 19.3         |          |
| Trichloroethylene                | 9.69   |                    | "     | 10.0           |                   | 96.9                            | 77.9-130       |      | 0.103 | 20.5         |          |
| Trichlorofluoromethane           | 9.82   |                    | "     | 10.0           |                   | 98.2                            | 57.4-133       |      | 6.31  | 21.4         |          |
| Vinyl Chloride                   | 8.62   |                    | "     | 10.0           |                   | 86.2                            | 54.9-124       |      | 9.40  | 22.3         |          |
| Surrogate: 1,2-Dichloroethane-d4 | 9.74   |                    | "     | 10.0           |                   | 97.4                            | 72.6-129       |      |       |              |          |
| Surrogate: p-Bromofluorobenzene  | 9.80   |                    | "     | 10.0           |                   | 98.0                            | 63.5-145       |      |       |              |          |
| Surrogate: Toluene-d8            | 9.93   |                    | "     | 10.0           |                   | 99.3                            | 81.2-127       |      |       |              |          |

## Metals by EPA 6000 Series Methods - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte                                         | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag                            | RPD  | RPD<br>Limit | Flag |
|-------------------------------------------------|--------|--------------------|-------|----------------|-------------------|------|----------------|---------------------------------|------|--------------|------|
| <b>Batch BC21042 - EPA 3010A</b>                |        |                    |       |                |                   |      |                |                                 |      |              |      |
| <b>Blank (BC21042-BLK1)</b>                     |        |                    |       |                |                   |      |                |                                 |      |              |      |
|                                                 |        |                    |       |                |                   |      |                | Prepared & Analyzed: 03/26/2012 |      |              |      |
| Iron                                            | ND     | 0.0100             | mg/L  |                |                   |      |                |                                 |      |              |      |
| <b>Duplicate (BC21042-DUP1)</b>                 |        |                    |       |                |                   |      |                |                                 |      |              |      |
| *Source sample: 12C0766-01 (WQ31912:1310NP2-10) |        |                    |       |                |                   |      |                | Prepared & Analyzed: 03/26/2012 |      |              |      |
| Iron                                            | 0.125  | 0.0100             | mg/L  |                | 0.121             |      |                |                                 | 3.01 | 20           |      |
| <b>Matrix Spike (BC21042-MS1)</b>               |        |                    |       |                |                   |      |                |                                 |      |              |      |
| *Source sample: 12C0766-01 (WQ31912:1310NP2-10) |        |                    |       |                |                   |      |                | Prepared & Analyzed: 03/26/2012 |      |              |      |
| Iron                                            | 1.25   | 0.0100             | mg/L  | 1.00           | 0.121             | 113  | 75-125         |                                 |      |              |      |
| <b>Reference (BC21042-SRM1)</b>                 |        |                    |       |                |                   |      |                |                                 |      |              |      |
|                                                 |        |                    |       |                |                   |      |                | Prepared & Analyzed: 03/26/2012 |      |              |      |
| Iron                                            | 0.634  | 0.0100             | mg/L  | 0.589          |                   | 108  | 87.9-113       |                                 |      |              |      |

## Metals by EPA 200 Series Methods - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte                                         | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag      | RPD  | RPD<br>Limit                    | Flag     |
|-------------------------------------------------|--------|--------------------|-------|----------------|-------------------|------|----------------|-----------|------|---------------------------------|----------|
| <b>Batch BC21042 - EPA 3010A</b>                |        |                    |       |                |                   |      |                |           |      |                                 |          |
| <b>Blank (BC21042-BLK1)</b>                     |        |                    |       |                |                   |      |                |           |      |                                 |          |
|                                                 |        |                    |       |                |                   |      |                |           |      | Prepared & Analyzed: 03/26/2012 |          |
| Iron                                            | ND     | 0.0100             | mg/L  |                |                   |      |                |           |      |                                 |          |
| <b>Duplicate (BC21042-DUP1)</b>                 |        |                    |       |                |                   |      |                |           |      |                                 |          |
| *Source sample: 12C0766-01 (WQ31912:1310NP2-10) |        |                    |       |                |                   |      |                |           |      | Prepared & Analyzed: 03/26/2012 |          |
| Iron                                            | 0.523  | 0.0100             | mg/L  |                | 0.704             |      |                |           | 29.4 | 20                              | Non-dir. |
| <b>Matrix Spike (BC21042-MS1)</b>               |        |                    |       |                |                   |      |                |           |      |                                 |          |
| *Source sample: 12C0766-01 (WQ31912:1310NP2-10) |        |                    |       |                |                   |      |                |           |      | Prepared & Analyzed: 03/26/2012 |          |
| Iron                                            | 2.56   | 0.0100             | mg/L  | 1.00           | 0.704             | 185  | 75-125         | High Bias |      |                                 |          |
| <b>Reference (BC21042-SRM1)</b>                 |        |                    |       |                |                   |      |                |           |      |                                 |          |
|                                                 |        |                    |       |                |                   |      |                |           |      | Prepared & Analyzed: 03/26/2012 |          |
| Iron                                            | 0.615  | 0.0100             | mg/L  | 0.589          |                   | 104  | 87.9-113       |           |      |                                 |          |

## Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20938 - % Solids Prep****Blank (BC20938-BLK1)**

Prepared &amp; Analyzed: 03/26/2012

Total Dissolved Solids ND 1.00 mg/L

**Duplicate (BC20938-DUP1)**

\*Source sample: 12C0766-01 (WQ31912:1310NP2-10)

Prepared &amp; Analyzed: 03/26/2012

Total Dissolved Solids 78.0 1.00 mg/L 76.0 2.60 15

**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.                                                                                                                                                                                                                                                                                       |
| 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.                                                                                                                                                                                                                                    |
| 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.                                                                                                                                                                                                                                    |
| <hr/>     |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 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.

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Corrective Action:

## Field Chain-of-Custody Record

Page 1 of 1

ANALYTICAL LABORATORIES, INC.

120 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. 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.

York Project No. 12C0766

[illegible]

Page 1 of 1

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. This document serves as your written authorization to York to proceed with the analyses requested. signature binds you to York's Std. Terms & Conditions.

York Project No. 12C0767

| Comments | Preservation |  | Check those Applicable |  | 4°C |  | Frozen |  | ZnAc <sub>2</sub> |  | HCl |  | Ascorbic Acid |  | MeOH |  | BNO |  | H <sub>2</sub> SO <sub>4</sub> |  | NaOH |  |
|----------|--------------|--|------------------------|--|-----|--|--------|--|-------------------|--|-----|--|---------------|--|------|--|-----|--|--------------------------------|--|------|--|
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |
|          |              |  |                        |  |     |  |        |  |                   |  |     |  |               |  |      |  |     |  |                                |  |      |  |

# Technical Report

prepared for:

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

Report Date: 04/09/2012  
**Client Project ID: Rowe Industries**  
York Project (SDG) No.: 12C1055

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 04/09/2012  
Client Project ID: Rowe Industries  
York Project (SDG) No.: 12C1055

**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 29, 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> |
|-----------------------|-------------------------|---------------|-----------------------|----------------------|
| 12C1055-01            | WQ32712:1000NP2-6       | Water         | 03/27/2012            | 03/29/2012           |
| 12C1055-02            | WQ32712:1005NP2-7       | Water         | 03/27/2012            | 03/29/2012           |
| 12C1056-01            | WQ32712:1010NP2-10      | Water         | 03/27/2012            | 03/29/2012           |

## General Notes for York Project (SDG) No.: 12C1055

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: 04/09/2012

Robert Q. Bradley  
Executive Vice President / Laboratory Director

**YORK**

### Sample Information

**Client Sample ID:** WQ32712:1000NP2-6

**York Sample ID:** 12C1055-01

York Project (SDG) No.

12C1055

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

March 27, 2012 10:00 am

Date Received

03/29/2012

#### 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  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 71-55-6  | <b>1,1,1-Trichloroethane</b>                         | <b>0.68</b> |      | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 75-34-3  | <b>1,1-Dichloroethane</b>                            | <b>0.34</b> | J    | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND          |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 591-78-6 | 2-Hexanone                                           | ND          |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 106-43-4 | 4-Chlorotoluene                                      | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 67-64-1  | Acetone                                              | ND          |      | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 71-43-2  | Benzene                                              | ND          |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 108-86-1 | Bromobenzene                                         | ND          |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 74-97-5  | Bromochloromethane                                   | ND          |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 75-27-4  | Bromodichloromethane                                 | ND          |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 75-25-2  | <b>Bromoform</b>                                     | <b>0.23</b> | J    | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 74-83-9  | Bromomethane                                         | ND          |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 56-23-5  | Carbon tetrachloride                                 | ND          |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 108-90-7 | Chlorobenzene                                        | ND          |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |

### Sample Information

**Client Sample ID:** WQ32712:1000NP2-6

**York Sample ID:** 12C1055-01

York Project (SDG) No.  
12C1055

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 27, 2012 10:00 am

Date Received  
03/29/2012

**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  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 67-66-3                     | <b>Chloroform</b>                     | <b>0.16</b>   | J                       | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 74-87-3                     | <b>Chloromethane</b>                  | <b>0.10</b>   | J                       | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 156-59-2                    | <b>cis-1,2-Dichloroethylene</b>       | <b>0.17</b>   | J                       | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 10061-01-5                  | cis-1,3-Dichloropropylene             | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 124-48-1                    | Dibromochloromethane                  | ND            |                         | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 74-95-3                     | Dibromomethane                        | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 75-71-8                     | Dichlorodifluoromethane               | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 100-41-4                    | Ethyl Benzene                         | ND            |                         | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 87-68-3                     | Hexachlorobutadiene                   | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 98-82-8                     | Isopropylbenzene                      | ND            |                         | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 1634-04-4                   | <b>Methyl tert-butyl ether (MTBE)</b> | <b>0.12</b>   | J                       | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>             | <b>0.62</b>   | J, B                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 91-20-3                     | <b>Naphthalene</b>                    | <b>0.12</b>   | J, B                    | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 104-51-8                    | n-Butylbenzene                        | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 103-65-1                    | n-Propylbenzene                       | ND            |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 95-47-6                     | o-Xylene                              | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 1330-20-7P/M                | p- & m- Xylenes                       | ND            |                         | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 99-87-6                     | p-Isopropyltoluene                    | ND            |                         | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 135-98-8                    | sec-Butylbenzene                      | ND            |                         | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 100-42-5                    | Styrene                               | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 98-06-6                     | tert-Butylbenzene                     | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 127-18-4                    | <b>Tetrachloroethylene</b>            | <b>1.3</b>    |                         | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 108-88-3                    | Toluene                               | ND            |                         | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene            | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene           | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 79-01-6                     | <b>Trichloroethylene</b>              | <b>0.16</b>   | J                       | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 75-69-4                     | Trichlorofluoromethane                | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 75-01-4                     | Vinyl Chloride                        | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| 1330-20-7                   | Xylenes, Total                        | ND            |                         | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 05:25   | SS      |
| <b>Surrogate Recoveries</b> |                                       | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4      | 96.7 %        | 72.6-129                |       |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene       | 93.4 %        | 63.5-145                |       |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8                 | 95.5 %        | 81.2-127                |       |       |      |          |                  |                    |                    |         |

### Sample Information

**Client Sample ID:** WQ32712:1000NP2-6

**York Sample ID:** 12C1055-01

York Project (SDG) No.  
12C1055

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 27, 2012 10:00 am

Date Received  
03/29/2012

#### 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      | 0.164  |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA SW846-6010B  | 04/02/2012 16:18   | 04/02/2012 21:46   | 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      | 0.891  |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA 200.7        | 04/02/2012 16:18   | 04/02/2012 21:51   | MW      |

### Sample Information

**Client Sample ID:** WQ32712:1005NP2-7

**York Sample ID:** 12C1055-02

York Project (SDG) No.  
12C1055

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 27, 2012 10:05 am

Date Received  
03/29/2012

#### 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  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |

### Sample Information

**Client Sample ID:** WQ32712:1005NP2-7

**York Sample ID:** 12C1055-02

York Project (SDG) No.  
12C1055

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 27, 2012 10:05 am

Date Received  
03/29/2012

**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  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 594-20-7     | 2,2-Dichloropropane            | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 95-49-8      | 2-Chlorotoluene                | ND          |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 591-78-6     | 2-Hexanone                     | ND          |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 106-43-4     | 4-Chlorotoluene                | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 67-64-1      | Acetone                        | ND          |      | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 71-43-2      | Benzene                        | ND          |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 108-86-1     | Bromobenzene                   | ND          |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 74-97-5      | Bromochloromethane             | ND          |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 75-27-4      | Bromodichloromethane           | ND          |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 75-25-2      | <b>Bromoform</b>               | <b>0.20</b> | J    | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 74-83-9      | Bromomethane                   | ND          |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 56-23-5      | Carbon tetrachloride           | ND          |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 108-90-7     | Chlorobenzene                  | ND          |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 75-00-3      | Chloroethane                   | ND          |      | ug/L  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 67-66-3      | Chloroform                     | ND          |      | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 74-87-3      | <b>Chloromethane</b>           | <b>0.14</b> | J    | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 156-59-2     | cis-1,2-Dichloroethylene       | ND          |      | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 10061-01-5   | cis-1,3-Dichloropropylene      | ND          |      | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 124-48-1     | <b>Dibromochloromethane</b>    | <b>0.11</b> | J    | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 74-95-3      | Dibromomethane                 | ND          |      | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 75-71-8      | Dichlorodifluoromethane        | ND          |      | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 100-41-4     | Ethyl Benzene                  | ND          |      | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 87-68-3      | Hexachlorobutadiene            | ND          |      | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 98-82-8      | Isopropylbenzene               | ND          |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 1634-04-4    | Methyl tert-butyl ether (MTBE) | ND          |      | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 75-09-2      | <b>Methylene chloride</b>      | <b>0.60</b> | J, B | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 91-20-3      | Naphthalene                    | ND          |      | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 104-51-8     | n-Butylbenzene                 | ND          |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 103-65-1     | n-Propylbenzene                | ND          |      | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 95-47-6      | o-Xylene                       | ND          |      | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 1330-20-7P/M | p- & m- Xylenes                | ND          |      | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 99-87-6      | p-Isopropyltoluene             | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 135-98-8     | sec-Butylbenzene               | ND          |      | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 100-42-5     | Styrene                        | ND          |      | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |

### Sample Information

**Client Sample ID:** WQ32712:1005NP2-7

**York Sample ID:** 12C1055-02

York Project (SDG) No.  
12C1055

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 27, 2012 10:05 am

Date Received  
03/29/2012

#### 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                    | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 127-18-4                    | Tetrachloroethylene              | ND            |      | ug/L                    | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 108-88-3                    | Toluene                          | ND            |      | ug/L                    | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |      | ug/L                    | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |      | ug/L                    | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 79-01-6                     | Trichloroethylene                | ND            |      | ug/L                    | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |      | ug/L                    | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 75-01-4                     | Vinyl Chloride                   | ND            |      | ug/L                    | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| 1330-20-7                   | Xylenes, Total                   | ND            |      | ug/L                    | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:09   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> |      | <b>Acceptance Range</b> |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 101 %         |      | 72.6-129                |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 93.8 %        |      | 63.5-145                |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 94.3 %        |      | 81.2-127                |       |      |          |                  |                    |                    |         |

#### 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 | <b>Iron</b> | <b>0.170</b> |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA SW846-6010B  | 04/02/2012 16:18   | 04/02/2012 21:56   | 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 | <b>Iron</b> | <b>0.408</b> |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA 200.7        | 04/02/2012 16:18   | 04/02/2012 22:01   | MW      |

### Sample Information

**Client Sample ID:** WQ32712:1010NP2-10

**York Sample ID:** 12C1056-01

York Project (SDG) No.  
12C1056

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 27, 2012 10:10 am

Date Received  
03/29/2012

#### 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  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |

### Sample Information

**Client Sample ID:** WQ32712:1010NP2-10

**York Sample ID:** 12C1056-01

York Project (SDG) No.  
12C1056

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 27, 2012 10:10 am

Date Received  
03/29/2012

**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  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 75-35-4    | 1,1-Dichloroethylene        | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 563-58-6   | 1,1-Dichloropropylene       | ND          |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 87-61-6    | 1,2,3-Trichlorobenzene      | ND          |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 96-18-4    | 1,2,3-Trichloropropane      | ND          |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 120-82-1   | 1,2,4-Trichlorobenzene      | ND          |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 95-63-6    | 1,2,4-Trimethylbenzene      | ND          |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 96-12-8    | 1,2-Dibromo-3-chloropropane | ND          |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 106-93-4   | 1,2-Dibromoethane           | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 95-50-1    | 1,2-Dichlorobenzene         | ND          |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 107-06-2   | 1,2-Dichloroethane          | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 78-87-5    | 1,2-Dichloropropane         | ND          |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 108-67-8   | 1,3,5-Trimethylbenzene      | ND          |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 541-73-1   | 1,3-Dichlorobenzene         | ND          |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 142-28-9   | 1,3-Dichloropropane         | ND          |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 106-46-7   | 1,4-Dichlorobenzene         | ND          |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 594-20-7   | 2,2-Dichloropropane         | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 95-49-8    | 2-Chlorotoluene             | ND          |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 591-78-6   | 2-Hexanone                  | ND          |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 106-43-4   | 4-Chlorotoluene             | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 67-64-1    | Acetone                     | ND          |      | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 71-43-2    | Benzene                     | ND          |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 108-86-1   | Bromobenzene                | ND          |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 74-97-5    | Bromochloromethane          | ND          |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 75-27-4    | Bromodichloromethane        | ND          |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 75-25-2    | Bromoform                   | ND          |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 74-83-9    | Bromomethane                | ND          |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 56-23-5    | Carbon tetrachloride        | ND          |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 108-90-7   | Chlorobenzene               | ND          |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 75-00-3    | Chloroethane                | ND          |      | ug/L  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 67-66-3    | Chloroform                  | ND          |      | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 74-87-3    | <b>Chloromethane</b>        | <b>0.13</b> | J    | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 156-59-2   | cis-1,2-Dichloroethylene    | ND          |      | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 10061-01-5 | cis-1,3-Dichloropropylene   | ND          |      | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 124-48-1   | Dibromochloromethane        | ND          |      | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |

### Sample Information

**Client Sample ID:** WQ32712:1010NP2-10

**York Sample ID:** 12C1056-01

York Project (SDG) No.  
12C1056

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 27, 2012 10:10 am

Date Received  
03/29/2012

**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 |
|-----------------------------|----------------------------------|---------------|-------------------------|-------|-------|------|----------|------------------|--------------------|--------------------|---------|
| 74-95-3                     | Dibromomethane                   | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 75-71-8                     | Dichlorodifluoromethane          | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 100-41-4                    | Ethyl Benzene                    | ND            |                         | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 87-68-3                     | Hexachlorobutadiene              | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 98-82-8                     | Isopropylbenzene                 | ND            |                         | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)   | ND            |                         | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>        | <b>0.57</b>   | J, B                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 1330-20-7P/M                | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 04/04/2012 16:32   | 04/05/2012 06:51   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 98.4 %        | 72.6-129                |       |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 96.2 %        | 63.5-145                |       |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 96.6 %        | 81.2-127                |       |       |      |          |                  |                    |                    |         |

### Sample Information

**Client Sample ID:** WQ32712:1010NP2-10

**York Sample ID:** 12C1056-01

York Project (SDG) No.  
12C1056

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 27, 2012 10:10 am

Date Received  
03/29/2012

**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      | 0.151  |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA SW846-6010B  | 04/02/2012 16:18   | 04/02/2012 22:18   | 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      | 2.01   |      | mg/L  | 0.00550 | 0.0100 | 1        | EPA 200.7        | 04/02/2012 16:18   | 04/02/2012 22:23   | MW      |

**Total Dissolved Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter              | Result | Flag | Units | MDL  | RL   | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|------------------------|--------|------|-------|------|------|----------|------------------|--------------------|--------------------|---------|
|         | Total Dissolved Solids | 54.0   |      | mg/L  | 1.00 | 1.00 | 1        | SM 2540C         | 04/03/2012 13:20   | 04/03/2012 13:20   | AMC     |

## Analytical Batch Summary

**Batch ID:** BD20011      **Preparation Method:** % Solids Prep      **Prepared By:** AMC

| YORK Sample ID | Client Sample ID   | Preparation Date |
|----------------|--------------------|------------------|
| 12C1056-01     | WQ32712:1010NP2-10 | 04/03/12         |
| BD20011-BLK1   | Blank              | 04/03/12         |
| BD20011-DUP1   | Duplicate          | 04/03/12         |

**Batch ID:** BD20059      **Preparation Method:** EPA 3010A      **Prepared By:** MW

| YORK Sample ID | Client Sample ID   | Preparation Date |
|----------------|--------------------|------------------|
| 12C1055-01     | WQ32712:1000NP2-6  | 04/02/12         |
| 12C1055-01     | WQ32712:1000NP2-6  | 04/02/12         |
| 12C1055-02     | WQ32712:1005NP2-7  | 04/02/12         |
| 12C1055-02     | WQ32712:1005NP2-7  | 04/02/12         |
| 12C1056-01     | WQ32712:1010NP2-10 | 04/02/12         |
| 12C1056-01     | WQ32712:1010NP2-10 | 04/02/12         |
| BD20059-BLK1   | Blank              | 04/02/12         |
| BD20059-BLK1   | Blank              | 04/02/12         |
| BD20059-SRM1   | Reference          | 04/02/12         |
| BD20059-SRM1   | Reference          | 04/02/12         |

**Batch ID:** BD20174      **Preparation Method:** EPA 5030B      **Prepared By:** AY

| YORK Sample ID | Client Sample ID   | Preparation Date |
|----------------|--------------------|------------------|
| 12C1055-01     | WQ32712:1000NP2-6  | 04/04/12         |
| 12C1055-02     | WQ32712:1005NP2-7  | 04/04/12         |
| 12C1056-01     | WQ32712:1010NP2-10 | 04/04/12         |
| BD20174-BLK1   | Blank              | 04/04/12         |
| BD20174-BS1    | LCS                | 04/04/12         |
| BD20174-BSD1   | LCS Dup            | 04/04/12         |

**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 BD20174 - EPA 5030B**

**Blank (BD20174-BLK1)**

Prepared: 04/04/2012 Analyzed: 04/05/2012

|                                                   |      |      |      |
|---------------------------------------------------|------|------|------|
| 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                                           | 1.5  | 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                                       | 0.56 | 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<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BD20174 - EPA 5030B**

**Blank (BD20174-BLK1)**

Prepared: 04/04/2012 Analyzed: 04/05/2012

|                             |    |      |      |
|-----------------------------|----|------|------|
| 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 | 9.56 | " | 10.0 | 95.6 | 72.6-129 |
| Surrogate: p-Bromofluorobenzene  | 9.58 | " | 10.0 | 95.8 | 63.5-145 |
| Surrogate: Toluene-d8            | 9.63 | " | 10.0 | 96.3 | 81.2-127 |

**LCS (BD20174-BS1)**

Prepared: 04/04/2012 Analyzed: 04/05/2012

|                                                   |      |      |      |      |          |
|---------------------------------------------------|------|------|------|------|----------|
| 1,1,1,2-Tetrachloroethane                         | 8.45 | ug/L | 10.0 | 84.5 | 82.3-130 |
| 1,1,1-Trichloroethane                             | 9.35 | "    | 10.0 | 93.5 | 75.6-137 |
| 1,1,2,2-Tetrachloroethane                         | 8.43 | "    | 10.0 | 84.3 | 71.3-131 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 9.30 | "    | 10.0 | 93.0 | 71.1-129 |
| 1,1,2-Trichloroethane                             | 9.20 | "    | 10.0 | 92.0 | 74.5-129 |
| 1,1-Dichloroethane                                | 9.95 | "    | 10.0 | 99.5 | 79.6-132 |
| 1,1-Dichloroethylene                              | 9.69 | "    | 10.0 | 96.9 | 80.2-146 |
| 1,1-Dichloropropylene                             | 14.7 | "    | 10.0 | 147  | 75-136   |
| 1,2,3-Trichlorobenzene                            | 8.74 | "    | 10.0 | 87.4 | 66.1-136 |
| 1,2,3-Trichloropropane                            | 7.92 | "    | 10.0 | 79.2 | 63-131   |
| 1,2,4-Trichlorobenzene                            | 9.03 | "    | 10.0 | 90.3 | 70.6-136 |
| 1,2,4-Trimethylbenzene                            | 8.46 | "    | 10.0 | 84.6 | 75.3-135 |
| 1,2-Dibromo-3-chloropropane                       | 9.23 | "    | 10.0 | 92.3 | 58.9-140 |
| 1,2-Dibromoethane                                 | 9.39 | "    | 10.0 | 93.9 | 79-130   |
| 1,2-Dichlorobenzene                               | 8.20 | "    | 10.0 | 82.0 | 76.1-122 |
| 1,2-Dichloroethane                                | 9.30 | "    | 10.0 | 93.0 | 74.6-132 |
| 1,2-Dichloropropane                               | 9.09 | "    | 10.0 | 90.9 | 76.9-129 |
| 1,3,5-Trimethylbenzene                            | 8.12 | "    | 10.0 | 81.2 | 70.6-127 |
| 1,3-Dichlorobenzene                               | 7.87 | "    | 10.0 | 78.7 | 77-124   |
| 1,3-Dichloropropane                               | 8.96 | "    | 10.0 | 89.6 | 75.8-126 |
| 1,4-Dichlorobenzene                               | 7.92 | "    | 10.0 | 79.2 | 76.6-125 |
| 2,2-Dichloropropane                               | 8.25 | "    | 10.0 | 82.5 | 69-133   |
| 2-Chlorotoluene                                   | 7.90 | "    | 10.0 | 79.0 | 66.3-119 |
| 2-Hexanone                                        | 9.09 | "    | 10.0 | 90.9 | 70-130   |
| 4-Chlorotoluene                                   | 8.17 | "    | 10.0 | 81.7 | 69.2-127 |
| Acetone                                           | 5.96 | "    | 10.0 | 59.6 | 70-130   |
| Benzene                                           | 9.83 | "    | 10.0 | 98.3 | 76.2-129 |
| Bromobenzene                                      | 8.05 | "    | 10.0 | 80.5 | 71.3-123 |
| Bromochloromethane                                | 10.2 | "    | 10.0 | 102  | 70.8-137 |
| Bromodichloromethane                              | 9.08 | "    | 10.0 | 90.8 | 79.7-134 |
| Bromoform                                         | 8.00 | "    | 10.0 | 80.0 | 70.5-141 |
| Bromomethane                                      | 9.29 | "    | 10.0 | 92.9 | 43.9-147 |
| Carbon tetrachloride                              | 12.9 | "    | 10.0 | 129  | 78.1-138 |
| Chlorobenzene                                     | 8.61 | "    | 10.0 | 86.1 | 80.4-125 |
| Chloroethane                                      | 9.74 | "    | 10.0 | 97.4 | 55.8-140 |
| Chloroform                                        | 9.47 | "    | 10.0 | 94.7 | 76.6-133 |
| Chloromethane                                     | 8.43 | "    | 10.0 | 84.3 | 48.8-115 |

High Bias

Low Bias

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

**York Analytical Laboratories, Inc.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BD20174 - EPA 5030B**

**LCS (BD20174-BS1)**

Prepared: 04/04/2012 Analyzed: 04/05/2012

|                                         |             |  |          |             |  |             |                 |  |  |  |  |
|-----------------------------------------|-------------|--|----------|-------------|--|-------------|-----------------|--|--|--|--|
| cis-1,2-Dichloroethylene                | 9.79        |  | ug/L     | 10.0        |  | 97.9        | 75.1-128        |  |  |  |  |
| cis-1,3-Dichloropropylene               | 8.16        |  | "        | 10.0        |  | 81.6        | 74.5-128        |  |  |  |  |
| Dibromochloromethane                    | 8.62        |  | "        | 10.0        |  | 86.2        | 79.8-134        |  |  |  |  |
| Dibromomethane                          | 9.11        |  | "        | 10.0        |  | 91.1        | 79-130          |  |  |  |  |
| Dichlorodifluoromethane                 | 7.18        |  | "        | 10.0        |  | 71.8        | 47.1-101        |  |  |  |  |
| Ethyl Benzene                           | 9.07        |  | "        | 10.0        |  | 90.7        | 80.8-128        |  |  |  |  |
| Hexachlorobutadiene                     | 8.00        |  | "        | 10.0        |  | 80.0        | 64.8-128        |  |  |  |  |
| Isopropylbenzene                        | 8.55        |  | "        | 10.0        |  | 85.5        | 75.5-135        |  |  |  |  |
| Methyl tert-butyl ether (MTBE)          | 13.6        |  | "        | 10.0        |  | 136         | 65.1-140        |  |  |  |  |
| Methylene chloride                      | 8.44        |  | "        | 10.0        |  | 84.4        | 61.3-120        |  |  |  |  |
| Naphthalene                             | 10.0        |  | "        | 10.0        |  | 100         | 62.3-148        |  |  |  |  |
| n-Butylbenzene                          | 8.26        |  | "        | 10.0        |  | 82.6        | 67.2-123        |  |  |  |  |
| n-Propylbenzene                         | 8.23        |  | "        | 10.0        |  | 82.3        | 70.5-127        |  |  |  |  |
| o-Xylene                                | 8.54        |  | "        | 10.0        |  | 85.4        | 75.9-122        |  |  |  |  |
| p- & m- Xylenes                         | 17.4        |  | "        | 20.0        |  | 87.2        | 77.7-127        |  |  |  |  |
| p-Isopropyltoluene                      | 8.21        |  | "        | 10.0        |  | 82.1        | 75.6-129        |  |  |  |  |
| sec-Butylbenzene                        | 8.03        |  | "        | 10.0        |  | 80.3        | 71.5-125        |  |  |  |  |
| Styrene                                 | 8.81        |  | "        | 10.0        |  | 88.1        | 77.8-123        |  |  |  |  |
| tert-Butylbenzene                       | 8.11        |  | "        | 10.0        |  | 81.1        | 75.9-151        |  |  |  |  |
| Tetrachloroethylene                     | 8.67        |  | "        | 10.0        |  | 86.7        | 63.6-167        |  |  |  |  |
| Toluene                                 | 8.70        |  | "        | 10.0        |  | 87.0        | 77-123          |  |  |  |  |
| trans-1,2-Dichloroethylene              | 9.27        |  | "        | 10.0        |  | 92.7        | 76.3-139        |  |  |  |  |
| trans-1,3-Dichloropropylene             | 8.49        |  | "        | 10.0        |  | 84.9        | 72.5-137        |  |  |  |  |
| Trichloroethylene                       | 8.61        |  | "        | 10.0        |  | 86.1        | 77.9-130        |  |  |  |  |
| Trichlorofluoromethane                  | 9.17        |  | "        | 10.0        |  | 91.7        | 57.4-133        |  |  |  |  |
| Vinyl Chloride                          | 9.06        |  | "        | 10.0        |  | 90.6        | 54.9-124        |  |  |  |  |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>10.2</i> |  | <i>"</i> | <i>10.0</i> |  | <i>102</i>  | <i>72.6-129</i> |  |  |  |  |
| <i>Surrogate: p-Bromofluorobenzene</i>  | <i>9.57</i> |  | <i>"</i> | <i>10.0</i> |  | <i>95.7</i> | <i>63.5-145</i> |  |  |  |  |
| <i>Surrogate: Toluene-d8</i>            | <i>9.53</i> |  | <i>"</i> | <i>10.0</i> |  | <i>95.3</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 |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|-------------------------------------------|-------------|-----------|------|-----------|------|
| <b>Batch BD20174 - EPA 5030B</b>                  |        |                 |       |             |                |                                           |             |           |      |           |      |
| <b>LCS Dup (BD20174-BSD1)</b>                     |        |                 |       |             |                | Prepared: 04/04/2012 Analyzed: 04/05/2012 |             |           |      |           |      |
| 1,1,1,2-Tetrachloroethane                         | 9.40   |                 | ug/L  | 10.0        |                | 94.0                                      | 82.3-130    |           | 10.6 | 21.1      |      |
| 1,1,1-Trichloroethane                             | 10.2   |                 | "     | 10.0        |                | 102                                       | 75.6-137    |           | 8.70 | 19.7      |      |
| 1,1,2,2-Tetrachloroethane                         | 9.50   |                 | "     | 10.0        |                | 95.0                                      | 71.3-131    |           | 11.9 | 20.8      |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 9.96   |                 | "     | 10.0        |                | 99.6                                      | 71.1-129    |           | 6.85 | 21.7      |      |
| 1,1,2-Trichloroethane                             | 9.69   |                 | "     | 10.0        |                | 96.9                                      | 74.5-129    |           | 5.19 | 20.3      |      |
| 1,1-Dichloroethane                                | 10.6   |                 | "     | 10.0        |                | 106                                       | 79.6-132    |           | 6.33 | 20.6      |      |
| 1,1-Dichloroethylene                              | 10.3   |                 | "     | 10.0        |                | 103                                       | 80.2-146    |           | 6.39 | 20        |      |
| 1,1-Dichloropropylene                             | 16.6   |                 | "     | 10.0        |                | 166                                       | 75-136      | High Bias | 11.9 | 19.3      |      |
| 1,2,3-Trichlorobenzene                            | 10.3   |                 | "     | 10.0        |                | 103                                       | 66.1-136    |           | 16.1 | 21.6      |      |
| 1,2,3-Trichloropropane                            | 8.74   |                 | "     | 10.0        |                | 87.4                                      | 63-131      |           | 9.84 | 23.9      |      |
| 1,2,4-Trichlorobenzene                            | 10.1   |                 | "     | 10.0        |                | 101                                       | 70.6-136    |           | 11.5 | 21.7      |      |
| 1,2,4-Trimethylbenzene                            | 9.35   |                 | "     | 10.0        |                | 93.5                                      | 75.3-135    |           | 9.99 | 18.8      |      |
| 1,2-Dibromo-3-chloropropane                       | 10.0   |                 | "     | 10.0        |                | 100                                       | 58.9-140    |           | 8.21 | 27.7      |      |
| 1,2-Dibromoethane                                 | 10.3   |                 | "     | 10.0        |                | 103                                       | 79-130      |           | 9.34 | 23        |      |
| 1,2-Dichlorobenzene                               | 8.89   |                 | "     | 10.0        |                | 88.9                                      | 76.1-122    |           | 8.07 | 19.8      |      |
| 1,2-Dichloroethane                                | 10.2   |                 | "     | 10.0        |                | 102                                       | 74.6-132    |           | 9.62 | 20.2      |      |
| 1,2-Dichloropropane                               | 9.84   |                 | "     | 10.0        |                | 98.4                                      | 76.9-129    |           | 7.92 | 20.7      |      |
| 1,3,5-Trimethylbenzene                            | 8.98   |                 | "     | 10.0        |                | 89.8                                      | 70.6-127    |           | 10.1 | 18.9      |      |
| 1,3-Dichlorobenzene                               | 8.79   |                 | "     | 10.0        |                | 87.9                                      | 77-124      |           | 11.0 | 19.2      |      |
| 1,3-Dichloropropane                               | 9.45   |                 | "     | 10.0        |                | 94.5                                      | 75.8-126    |           | 5.32 | 22.1      |      |
| 1,4-Dichlorobenzene                               | 9.09   |                 | "     | 10.0        |                | 90.9                                      | 76.6-125    |           | 13.8 | 18.6      |      |
| 2,2-Dichloropropane                               | 8.72   |                 | "     | 10.0        |                | 87.2                                      | 69-133      |           | 5.54 | 19.8      |      |
| 2-Chlorotoluene                                   | 8.72   |                 | "     | 10.0        |                | 87.2                                      | 66.3-119    |           | 9.87 | 21.6      |      |
| 2-Hexanone                                        | 10.2   |                 | "     | 10.0        |                | 102                                       | 70-130      |           | 11.7 | 30        |      |
| 4-Chlorotoluene                                   | 9.10   |                 | "     | 10.0        |                | 91.0                                      | 69.2-127    |           | 10.8 | 19        |      |
| Acetone                                           | 6.36   |                 | "     | 10.0        |                | 63.6                                      | 70-130      | Low Bias  | 6.49 | 30        |      |
| Benzene                                           | 10.5   |                 | "     | 10.0        |                | 105                                       | 76.2-129    |           | 6.78 | 19        |      |
| Bromobenzene                                      | 8.94   |                 | "     | 10.0        |                | 89.4                                      | 71.3-123    |           | 10.5 | 20.3      |      |
| Bromochloromethane                                | 10.9   |                 | "     | 10.0        |                | 109                                       | 70.8-137    |           | 6.26 | 23.9      |      |
| Bromodichloromethane                              | 9.68   |                 | "     | 10.0        |                | 96.8                                      | 79.7-134    |           | 6.40 | 21        |      |
| Bromoform                                         | 8.89   |                 | "     | 10.0        |                | 88.9                                      | 70.5-141    |           | 10.5 | 21.8      |      |
| Bromomethane                                      | 9.58   |                 | "     | 10.0        |                | 95.8                                      | 43.9-147    |           | 3.07 | 28.4      |      |
| Carbon tetrachloride                              | 14.1   |                 | "     | 10.0        |                | 141                                       | 78.1-138    | High Bias | 8.97 | 20.1      |      |
| Chlorobenzene                                     | 9.41   |                 | "     | 10.0        |                | 94.1                                      | 80.4-125    |           | 8.88 | 19.9      |      |
| Chloroethane                                      | 10.3   |                 | "     | 10.0        |                | 103                                       | 55.8-140    |           | 5.49 | 23.3      |      |
| Chloroform                                        | 10.3   |                 | "     | 10.0        |                | 103                                       | 76.6-133    |           | 8.49 | 20.3      |      |
| Chloromethane                                     | 8.79   |                 | "     | 10.0        |                | 87.9                                      | 48.8-115    |           | 4.18 | 24.5      |      |
| cis-1,2-Dichloroethylene                          | 10.7   |                 | "     | 10.0        |                | 107                                       | 75.1-128    |           | 8.88 | 20.5      |      |
| cis-1,3-Dichloropropylene                         | 9.10   |                 | "     | 10.0        |                | 91.0                                      | 74.5-128    |           | 10.9 | 19.9      |      |
| Dibromochloromethane                              | 9.27   |                 | "     | 10.0        |                | 92.7                                      | 79.8-134    |           | 7.27 | 21.3      |      |
| Dibromomethane                                    | 10.0   |                 | "     | 10.0        |                | 100                                       | 79-130      |           | 9.31 | 22.4      |      |
| Dichlorodifluoromethane                           | 7.76   |                 | "     | 10.0        |                | 77.6                                      | 47.1-101    |           | 7.76 | 23.9      |      |
| Ethyl Benzene                                     | 9.90   |                 | "     | 10.0        |                | 99.0                                      | 80.8-128    |           | 8.75 | 19.2      |      |
| Hexachlorobutadiene                               | 9.51   |                 | "     | 10.0        |                | 95.1                                      | 64.8-128    |           | 17.2 | 20.6      |      |
| Isopropylbenzene                                  | 9.33   |                 | "     | 10.0        |                | 93.3                                      | 75.5-135    |           | 8.72 | 20        |      |
| Methyl tert-butyl ether (MTBE)                    | 14.2   |                 | "     | 10.0        |                | 142                                       | 65.1-140    | High Bias | 4.83 | 23.6      |      |
| Methylene chloride                                | 8.59   |                 | "     | 10.0        |                | 85.9                                      | 61.3-120    |           | 1.76 | 20.4      |      |
| Naphthalene                                       | 11.5   |                 | "     | 10.0        |                | 115                                       | 62.3-148    |           | 14.1 | 27.1      |      |
| n-Butylbenzene                                    | 9.18   |                 | "     | 10.0        |                | 91.8                                      | 67.2-123    |           | 10.6 | 19.1      |      |
| n-Propylbenzene                                   | 8.93   |                 | "     | 10.0        |                | 89.3                                      | 70.5-127    |           | 8.16 | 23.4      |      |
| o-Xylene                                          | 9.37   |                 | "     | 10.0        |                | 93.7                                      | 75.9-122    |           | 9.27 | 19.3      |      |
| p- & m- Xylenes                                   | 18.9   |                 | "     | 20.0        |                | 94.4                                      | 77.7-127    |           | 7.88 | 18.6      |      |
| p-Isopropyltoluene                                | 8.96   |                 | "     | 10.0        |                | 89.6                                      | 75.6-129    |           | 8.74 | 19.1      |      |

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

## Batch BD20174 - EPA 5030B

## LCS Dup (BD20174-BSD1)

Prepared: 04/04/2012 Analyzed: 04/05/2012

|                                  |      |  |      |      |  |      |          |  |      |      |  |
|----------------------------------|------|--|------|------|--|------|----------|--|------|------|--|
| sec-Butylbenzene                 | 8.83 |  | ug/L | 10.0 |  | 88.3 | 71.5-125 |  | 9.49 | 18.9 |  |
| Styrene                          | 9.52 |  | "    | 10.0 |  | 95.2 | 77.8-123 |  | 7.75 | 20.9 |  |
| tert-Butylbenzene                | 9.54 |  | "    | 10.0 |  | 95.4 | 75.9-151 |  | 16.2 | 20.9 |  |
| Tetrachloroethylene              | 9.90 |  | "    | 10.0 |  | 99.0 | 63.6-167 |  | 13.2 | 27.7 |  |
| Toluene                          | 9.58 |  | "    | 10.0 |  | 95.8 | 77-123   |  | 9.63 | 18.7 |  |
| trans-1,2-Dichloroethylene       | 9.85 |  | "    | 10.0 |  | 98.5 | 76.3-139 |  | 6.07 | 19.5 |  |
| trans-1,3-Dichloropropylene      | 9.52 |  | "    | 10.0 |  | 95.2 | 72.5-137 |  | 11.4 | 19.3 |  |
| Trichloroethylene                | 9.38 |  | "    | 10.0 |  | 93.8 | 77.9-130 |  | 8.56 | 20.5 |  |
| Trichlorofluoromethane           | 9.72 |  | "    | 10.0 |  | 97.2 | 57.4-133 |  | 5.82 | 21.4 |  |
| Vinyl Chloride                   | 9.72 |  | "    | 10.0 |  | 97.2 | 54.9-124 |  | 7.03 | 22.3 |  |
| Surrogate: 1,2-Dichloroethane-d4 | 10.1 |  | "    | 10.0 |  | 101  | 72.6-129 |  |      |      |  |
| Surrogate: p-Bromofluorobenzene  | 9.62 |  | "    | 10.0 |  | 96.2 | 63.5-145 |  |      |      |  |
| Surrogate: Toluene-d8            | 9.45 |  | "    | 10.0 |  | 94.5 | 81.2-127 |  |      |      |  |

## Metals by EPA 6000 Series Methods - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BD20059 - EPA 3010A****Blank (BD20059-BLK1)**

Prepared &amp; Analyzed: 04/02/2012

|      |    |        |      |
|------|----|--------|------|
| Iron | ND | 0.0100 | mg/L |
|------|----|--------|------|

**Reference (BD20059-SRM1)**

Prepared &amp; Analyzed: 04/02/2012

|      |       |        |      |       |     |          |
|------|-------|--------|------|-------|-----|----------|
| Iron | 0.626 | 0.0100 | mg/L | 0.589 | 106 | 87.9-113 |
|------|-------|--------|------|-------|-----|----------|

## Metals by EPA 200 Series Methods - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BD20059 - EPA 3010A****Blank (BD20059-BLK1)**

Prepared &amp; Analyzed: 04/02/2012

|      |    |        |      |
|------|----|--------|------|
| Iron | ND | 0.0100 | mg/L |
|------|----|--------|------|

**Reference (BD20059-SRM1)**

Prepared &amp; Analyzed: 04/02/2012

|      |       |        |      |       |     |          |
|------|-------|--------|------|-------|-----|----------|
| Iron | 0.626 | 0.0100 | mg/L | 0.589 | 106 | 87.9-113 |
|------|-------|--------|------|-------|-----|----------|

## Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BD20011 - % Solids Prep****Blank (BD20011-BLK1)**

Prepared &amp; Analyzed: 04/03/2012

Total Dissolved Solids ND 1.00 mg/L

**Duplicate (BD20011-DUP1)**

\*Source sample: 12C1056-01 (WQ32712:1010NP2-10)

Prepared &amp; Analyzed: 04/03/2012

Total Dissolved Solids 55.0 1.00 mg/L 54.0 1.83 15

### 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  
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## Field Chain-of-Custody Record

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York Project No. 12C1055

|                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                      |  |                                                                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>YOUR Information</b><br>Company: <u>LB6</u><br>Address: <u>4 Research Dr. Suite 301</u><br><u>Shelton, CT 06484</u><br>Phone No. <u>203-929-8555</u><br>Contact Person: <u>Tunde Sander</u><br>E-Mail Address: <u>TSander@LB6CT.com</u>                                         |  | <b>Report To:</b><br>Company: <u>Same</u><br>Address: _____<br>Phone No. _____<br>Attention: _____<br>E-Mail Address: _____                                                          |  | <b>Invoice To:</b><br>Company: <u>Same</u><br>Address: _____<br>Phone No. _____<br>Attention: _____<br>E-Mail Address: _____ |  | <b>YOUR Project ID</b><br><u>Reve Industries</u><br>Purchase Order No. <u>NABSA6</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | <b>Turn-Around Time</b><br>RUSH - Same Day <input type="checkbox"/><br>RUSH - Next Day <input type="checkbox"/><br>RUSH - Two Day <input type="checkbox"/><br>RUSH - Three Day <input type="checkbox"/><br>RUSH - Four Day <input type="checkbox"/><br>Standard (5-7 Days) <input checked="" type="checkbox"/> |  | <b>Report Type</b><br>Summary Report <u>X</u> pdf<br>Summary w/ QA Summary <u>X</u> pdf<br>CT RCP Package<br>CTCRP DQADUE Pkg<br>NY ASP A Package<br>NY ASP B Package <u>N2-10 only</u><br>NUDEP Red. Deliv.<br>Electronic Data Deliverables (EDD)<br>Simple Excel <input checked="" type="checkbox"/><br>NY/DEC EQUIS<br>EQUIS (std)<br>EZ-EDD (EQUIS)<br>NUDEP SRP HazSite EDD<br>GIS/KEY (std)<br>Other _____<br>York Regulatory Comparison<br>Excel Spreadsheet<br>Compare to the following Reg. (please fill in): _____ |  |
| <b>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.</b><br>Samples Collected/Authorized By (Signature)<br><u>STEPHEN MINAT</u><br>Name (printed) |  | <b>Choose Analyses Needed from the Menu Above and Enter Below</b>                                                                                                                    |  |                                                                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
| <b>Sample Identification</b><br><u>WR32212-1000N2-6</u><br><u>WR32212-1005N2-7</u><br><u>WR32212-1010N2-10</u>                                                                                                                                                                     |  | <b>Date Sampled</b><br><u>3/22/12</u><br><u>1005</u><br><u>1010</u>                                                                                                                  |  | <b>Sample Matrix</b><br><u>GW</u><br><u>GW</u><br><u>GW</u>                                                                  |  | <b>Analyses Requested</b><br>Volatiles: 8260 full, 624, STARS list, BTEX, MTBE, TC list, TAGM list, CT RCP list, TC list, Arom. only, Halog. only, App. IX list, 8021B list<br>TICs, Site Spec, Nassau Co., Suffolk Co., Ketones, Oxygenates, TC list, TAGM list, CT RCP list, TC list, Arom. only, Halog. only, App. IX list, 8021B list<br>Metals: RCBAB, PF 13 list, TAL, CT RCP, PAH list, TAGM list, NUDEP list, TC list, TAGM list, CT RCP list, TC list, Arom. only, Halog. only, App. IX list, 8021B list<br>Misc. Org.: TPH ORO, TPH DRO, CT EPH, NY 310-13, TPH 1664, Air TO14A, Air TO15, Air STARS, Air VPH, Air TICs, Methane, Helium<br>Full Poll.: TPH ORO, TPH DRO, CT EPH, NY 310-13, TPH 1664, Air TO14A, Air TO15, Air STARS, Air VPH, Air TICs, Methane, Helium<br>TCL Org.: TC list, TAGM list, CT RCP list, TC list, Arom. only, Halog. only, App. IX list, 8021B list<br>Reactivity: TC list, TAGM list, CT RCP list, TC list, Arom. only, Halog. only, App. IX list, 8021B list<br>Ignitability: TC list, TAGM list, CT RCP list, TC list, Arom. only, Halog. only, App. IX list, 8021B list<br>Flash Point: TC list, TAGM list, CT RCP list, TC list, Arom. only, Halog. only, App. IX list, 8021B list<br>Sewer Anal.: TC list, TAGM list, CT RCP list, TC list, Arom. only, Halog. only, App. IX list, 8021B list<br>Hexachlorobiphenyls: TC list, TAGM list, CT RCP list, TC list, Arom. only, Halog. only, App. IX list, 8021B list<br>TOX: TC list, TAGM list, CT RCP list, TC list, Arom. only, Halog. only, App. IX list, 8021B list<br>BTU/B: TC list, TAGM list, CT RCP list, TC list, Arom. only, Halog. only, App. IX list, 8021B list<br>Aromatic Tox: TC list, TAGM list, CT RCP list, TC list, Arom. only, Halog. only, App. IX list, 8021B list<br>TOC: TC list, TAGM list, CT RCP list, TC list, Arom. only, Halog. only, App. IX list, 8021B list<br>Address: TC list, TAGM list, CT RCP list, TC list, Arom. only, Halog. only, App. IX list, 8021B list<br>Spec: TC list, TAGM list, CT RCP list, TC list, Arom. only, Halog. only, App. IX list, 8021B list |  |                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
| <b>Comments</b><br><u>Don't know 3/29/12</u><br>Samples Relinquished By <u>Don't know 3/29/12</u> Date/Time<br>Samples Relinquished By <u>Don't know 3/29/12</u> Date/Time<br>Samples Relinquished By <u>Don't know 3/29/12</u> Date/Time                                          |  | <b>Preservation</b><br>Check those Applicable:<br>Special Instructions <input type="checkbox"/><br>Field Filtered <input type="checkbox"/><br>Lab to Filter <input type="checkbox"/> |  | <b>Temperature on Receipt</b><br><u>4.5 °C</u>                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |

# YORK

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## Field Chain-of-Custody Record

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York Project No. 12C1056

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|                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                       |  |                                                                                                                                                                                    |  |                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                 |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------|--|
| <b>YOUR Information</b><br>Company: <u>LB6</u><br>Address: <u>4 Research Dr. Suite 301</u><br><u>Shelton, CT 06484</u><br>Phone No. <u>203-929-8555</u><br>Contact Person: <u>Tunde Sandoz</u><br>E-Mail Address: <u>TSandoz@LB6CT.com</u>                                                                                                            |  | <b>Report To:</b><br>Company: <u>Same</u><br>Address: _____<br>Phone No. _____<br>Attention: _____<br>E-Mail Address: _____                                           |  | <b>Invoice To:</b><br>Company: <u>Same</u><br>Address: _____<br>Phone No. _____<br>Attention: _____<br>E-Mail Address: _____                                                       |  | <b>YOUR Project ID</b><br><u>Howe Industries</u><br>Purchase Order No. <u>NAB5A6</u><br>Samples from: CT <u>NY</u> <u>X</u> NJ _____                   |  | <b>Turn-Around Time</b><br>RUSH - Same Day <input type="checkbox"/><br>RUSH - Next Day <input type="checkbox"/><br>RUSH - Two Day <input type="checkbox"/><br>RUSH - Three Day <input type="checkbox"/><br>RUSH - Four Day <input type="checkbox"/><br>Standard (5-7 Days) <input checked="" type="checkbox"/> |  | <b>Report Type</b><br>Summary Report <u>X</u> pdf<br>Summary w/ QA Summary <u>X</u> pdf<br>CT RCP Package _____<br>CTRCP DOA/DUE Pkg _____<br>NY ASP A Package _____<br>NY ASP B Package <u>NB2-10 only</u> pdf<br>NIDEP Red. Deliv. _____<br>Electronic Data Deliverables (EDD) _____<br>Simple Excel <u>X</u><br>NYSDEC EQUIS _____<br>EQUIS (std) _____<br>EZ-BDD (EQUIS) _____<br>NIDEP SRP HazSite EDD _____<br>GIS/KEY (std) _____<br>Other _____<br>York Regulatory Comparison _____<br>Excel Spreadsheet _____<br>Compare to the following Regs. (please fill in) _____ |  |                                                                                 |  |
| <b>Matrix Codes</b><br>S - soil<br>Other - specify (oil, etc)<br>WW - wastewater<br>GW - groundwater<br>DW - drinking water<br>Air-A - ambient air<br>Air-SV - soil vapor                                                                                                                                                                             |  | <b>Volatiles</b><br>8260 full<br>624<br>STARS list<br>BTEX<br>MTBE<br>TCL list<br>TAGM list<br>CT RCP list<br>Arom. only<br>Halog. only<br>App. IX list<br>8021B list |  | <b>Semi-Volatiles</b><br>8270 & 625<br>STARS list<br>BN Only<br>Acids Only<br>PAH list<br>TAGM list<br>CT RCP list<br>TCL list<br>NIDEP list<br>App. IX<br>TCLP BNA<br>STP or TCLP |  | <b>Metals</b><br>RCRA8<br>PP13 list<br>TAL<br>CT15 list<br>TAGM list<br>NIDEP list<br>Dissolved<br>SLP or TCLP<br>Basic Metals<br>LIST Below<br>Helium |  | <b>Misc. Org.</b><br>TPH DRO<br>CT BTPH<br>NY 310-13<br>TPH 1664<br>Air TO14A<br>Air TO15<br>Air STARS<br>Air VPH<br>Air TICs<br>Methane<br>Helium                                                                                                                                                             |  | <b>Full Lists</b><br>Misc.<br>Corrosivity<br>Reactivity<br>Ignitability<br>Flash Point<br>Sieve Anal.<br>Microtox<br>TOX<br>BTU/b.<br>Asphal. Toc<br>NYCEP Power<br>TOC<br>NYCEP Sewer<br>Asbestos<br>Silica                                                                                                                                                                                                                                                                                                                                                                    |  | <b>Container Description(s)</b><br><u>ZV 2P</u><br><u>ZV 2P</u><br><u>ZV 3P</u> |  |
| <b>Choose Analyses Needed from the Menu Above and Enter Below</b><br><u>Fe by EPA 200.71 Fe, Dissolved by EPA 6010 (SW 746-6010B) 1 vials,</u><br><u>R260 List (EPA SW 845-R260B) plus from 113</u><br><u>Fe by EPA 200.71 Fe, Dissolved by EPA 6010 (SW 846-6010B) 1 vials</u><br><u>R260 List (EPA SW 845-R260A) plus from 113 / TOS (9H-2540C)</u> |  |                                                                                                                                                                       |  |                                                                                                                                                                                    |  |                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                 |  |
| <b>Sample Identification</b><br><u>WR32212 1000N2-6</u><br><u>WR32212 1005N2-7</u><br><u>WR32212 1010N2-10</u>                                                                                                                                                                                                                                        |  | <b>Date Sampled</b><br><u>3/27/12 1000</u><br><u>1005</u><br><u>1010</u>                                                                                              |  | <b>Sample Matrix</b><br><u>GW</u><br><u>GW</u><br><u>GW</u>                                                                                                                        |  |                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                 |  |
| <b>Comments</b><br>Preservation _____<br>Check these Applicable _____<br>Special _____<br>Instructions _____<br>Field Filtered <input type="checkbox"/><br>Lab to Filter <input type="checkbox"/>                                                                                                                                                     |  |                                                                                                                                                                       |  |                                                                                                                                                                                    |  |                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                 |  |
| <b>Temperature on Receipt</b><br><u>4.5 °C</u><br>Samples Relinquished By <u>Donnell 3/29/12 1:30</u> Date/Time<br>Samples Received By <u>3/29/12-1430</u> Date/Time<br>Samples Relinquished By _____ Date/Time<br>Samples Received in LAB by _____ Date/Time                                                                                         |  |                                                                                                                                                                       |  |                                                                                                                                                                                    |  |                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                 |  |

**APPENDIX II**  
**MARCH 2012 LABORATORY ANALYTICAL REPORTS**  
**FOR FSP&T AND FP&T RECOVERY WELLS**

# Technical Report

prepared for:

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

Report Date: 03/28/2012  
**Client Project ID: Rowe Industries**  
York Project (SDG) No.: 12C0758

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 03/28/2012  
Client Project ID: Rowe Industries  
York Project (SDG) No.: 12C0758

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

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## 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 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> |
|-----------------------|-------------------------|---------------|-----------------------|----------------------|
| 12C0758-01            | WQ31912:1100NP1-1-2     | Water         | 03/19/2012            | 03/21/2012           |
| 12C0758-02            | WQ31912:1110NP1-1-3     | Water         | 03/19/2012            | 03/21/2012           |
| 12C0758-03            | WQ31912:1120NP1-1-4     | Water         | 03/19/2012            | 03/21/2012           |
| 12C0758-04            | WQ31912:1130NP1-1-5     | Water         | 03/19/2012            | 03/21/2012           |
| 12C0758-05            | WQ31912:1140NP1-1-6     | Water         | 03/19/2012            | 03/21/2012           |
| 12C0758-06            | WQ31912:1150NP1-1-7     | Water         | 03/19/2012            | 03/21/2012           |
| 12C0758-07            | WQ31912:1200NP1-1-8     | Water         | 03/19/2012            | 03/21/2012           |
| 12C0758-08            | WQ31912:1210NP1-1-9     | Water         | 03/19/2012            | 03/21/2012           |

## **General Notes for York Project (SDG) No.: 12C0758**

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:** 03/28/2012

Robert Q. Bradley  
Executive Vice President / Laboratory Director

**YORK**

### Sample Information

**Client Sample ID:** WQ31912:1100NP1-1-2

**York Sample ID:** 12C0758-01

York Project (SDG) No.

12C0758

Client Project ID

Rowe Industries

Matrix

Water

Collection Date/Time

March 19, 2012 11:00 am

Date Received

03/21/2012

### 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  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 71-55-6  | <b>1,1,1-Trichloroethane</b>                         | <b>0.11</b> | J    | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND          |      | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND          |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 591-78-6 | 2-Hexanone                                           | ND          |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 106-43-4 | 4-Chlorotoluene                                      | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 67-64-1  | Acetone                                              | ND          |      | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 71-43-2  | Benzene                                              | ND          |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 108-86-1 | Bromobenzene                                         | ND          |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 74-97-5  | Bromochloromethane                                   | ND          |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 75-27-4  | Bromodichloromethane                                 | ND          |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 75-25-2  | Bromoform                                            | ND          |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 74-83-9  | Bromomethane                                         | ND          |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 56-23-5  | Carbon tetrachloride                                 | ND          |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 108-90-7 | Chlorobenzene                                        | ND          |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |

### Sample Information

**Client Sample ID:** WQ31912:1100NP1-1-2

**York Sample ID:** 12C0758-01

York Project (SDG) No.  
12C0758

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 11:00 am

Date Received  
03/21/2012

**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  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 67-66-3                     | <b>Chloroform</b>                | <b>0.12</b>   | J                       | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 74-87-3                     | Chloromethane                    | ND            |                         | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 156-59-2                    | cis-1,2-Dichloroethylene         | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 10061-01-5                  | cis-1,3-Dichloropropylene        | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 124-48-1                    | Dibromochloromethane             | ND            |                         | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 74-95-3                     | Dibromomethane                   | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 75-71-8                     | Dichlorodifluoromethane          | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 100-41-4                    | Ethyl Benzene                    | ND            |                         | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 87-68-3                     | Hexachlorobutadiene              | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 98-82-8                     | Isopropylbenzene                 | ND            |                         | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)   | ND            |                         | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>        | <b>0.93</b>   | J, B                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 91-20-3                     | <b>Naphthalene</b>               | <b>0.26</b>   | J, B                    | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 1330-20-7P/M                | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 127-18-4                    | <b>Tetrachloroethylene</b>       | <b>0.81</b>   |                         | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 79-01-6                     | <b>Trichloroethylene</b>         | <b>0.16</b>   | J                       | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 12:21   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 99.3 %        | 72.6-129                |       |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 97.7 %        | 63.5-145                |       |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 101 %         | 81.2-127                |       |       |      |          |                  |                    |                    |         |

### Sample Information

**Client Sample ID:** WQ31912:1110NP1-1-3

**York Sample ID:** 12C0758-02

York Project (SDG) No.  
12C0758

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 11:10 am

Date Received  
03/21/2012

**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  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 71-55-6  | <b>1,1,1-Trichloroethane</b>                         | <b>0.27</b> | J    | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND          |      | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND          |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 591-78-6 | 2-Hexanone                                           | ND          |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 106-43-4 | 4-Chlorotoluene                                      | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 67-64-1  | Acetone                                              | ND          |      | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 71-43-2  | Benzene                                              | ND          |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 108-86-1 | Bromobenzene                                         | ND          |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 74-97-5  | Bromochloromethane                                   | ND          |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 75-27-4  | Bromodichloromethane                                 | ND          |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 75-25-2  | Bromoform                                            | ND          |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 74-83-9  | Bromomethane                                         | ND          |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 56-23-5  | Carbon tetrachloride                                 | ND          |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 108-90-7 | Chlorobenzene                                        | ND          |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |

### Sample Information

**Client Sample ID:** WQ31912:1110NP1-1-3

**York Sample ID:** 12C0758-02

York Project (SDG) No.  
12C0758

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 11:10 am

Date Received  
03/21/2012

#### 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  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 67-66-3                     | Chloroform                       | ND            |                         | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 74-87-3                     | Chloromethane                    | ND            |                         | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 156-59-2                    | cis-1,2-Dichloroethylene         | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 10061-01-5                  | cis-1,3-Dichloropropylene        | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 124-48-1                    | Dibromochloromethane             | ND            |                         | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 74-95-3                     | Dibromomethane                   | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 75-71-8                     | Dichlorodifluoromethane          | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 100-41-4                    | Ethyl Benzene                    | ND            |                         | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 87-68-3                     | Hexachlorobutadiene              | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 98-82-8                     | Isopropylbenzene                 | ND            |                         | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)   | ND            |                         | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>        | <b>0.92</b>   | J, B                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 91-20-3                     | <b>Naphthalene</b>               | <b>0.13</b>   | J, B                    | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 1330-20-7P/M                | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 127-18-4                    | <b>Tetrachloroethylene</b>       | <b>0.19</b>   | J                       | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 79-01-6                     | <b>Trichloroethylene</b>         | <b>0.81</b>   |                         | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:04   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 98.5 %        | 72.6-129                |       |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 95.8 %        | 63.5-145                |       |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 104 %         | 81.2-127                |       |       |      |          |                  |                    |                    |         |

### Sample Information

**Client Sample ID:** WQ31912:1120NP1-1-4

**York Sample ID:** 12C0758-03

York Project (SDG) No.  
12C0758

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 11:20 am

Date Received  
03/21/2012

**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  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 71-55-6  | <b>1,1,1-Trichloroethane</b>                         | <b>3.6</b>  |      | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 75-34-3  | <b>1,1-Dichloroethane</b>                            | <b>1.1</b>  |      | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 75-35-4  | <b>1,1-Dichloroethylene</b>                          | <b>0.19</b> | J    | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND          |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 591-78-6 | 2-Hexanone                                           | ND          |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 106-43-4 | 4-Chlorotoluene                                      | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 67-64-1  | Acetone                                              | ND          |      | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 71-43-2  | Benzene                                              | ND          |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 108-86-1 | Bromobenzene                                         | ND          |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 74-97-5  | Bromochloromethane                                   | ND          |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 75-27-4  | Bromodichloromethane                                 | ND          |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 75-25-2  | Bromoform                                            | ND          |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 74-83-9  | Bromomethane                                         | ND          |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 56-23-5  | Carbon tetrachloride                                 | ND          |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 108-90-7 | Chlorobenzene                                        | ND          |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |

### Sample Information

**Client Sample ID:** WQ31912:1120NP1-1-4

**York Sample ID:** 12C0758-03

York Project (SDG) No.  
12C0758

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 11:20 am

Date Received  
03/21/2012

**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  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 67-66-3                     | <b>Chloroform</b>                | <b>0.16</b>   | J                       | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 74-87-3                     | Chloromethane                    | ND            |                         | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 156-59-2                    | cis-1,2-Dichloroethylene         | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 10061-01-5                  | cis-1,3-Dichloropropylene        | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 124-48-1                    | Dibromochloromethane             | ND            |                         | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 74-95-3                     | Dibromomethane                   | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 75-71-8                     | Dichlorodifluoromethane          | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 100-41-4                    | Ethyl Benzene                    | ND            |                         | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 87-68-3                     | Hexachlorobutadiene              | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 98-82-8                     | Isopropylbenzene                 | ND            |                         | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)   | ND            |                         | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>        | <b>0.91</b>   | J, B                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 1330-20-7P/M                | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 127-18-4                    | <b>Tetrachloroethylene</b>       | <b>1.4</b>    |                         | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 79-01-6                     | <b>Trichloroethylene</b>         | <b>0.18</b>   | J                       | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 13:46   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 98.3 %        | 72.6-129                |       |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 99.3 %        | 63.5-145                |       |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 105 %         | 81.2-127                |       |       |      |          |                  |                    |                    |         |

### Sample Information

**Client Sample ID:** WQ31912:1130NP1-1-5

**York Sample ID:** 12C0758-04

York Project (SDG) No.  
12C0758

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 11:30 am

Date Received  
03/21/2012

**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  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 71-55-6  | <b>1,1,1-Trichloroethane</b>                         | <b>0.12</b> | J    | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND          |      | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND          |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 591-78-6 | 2-Hexanone                                           | ND          |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 106-43-4 | 4-Chlorotoluene                                      | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 67-64-1  | Acetone                                              | ND          |      | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 71-43-2  | Benzene                                              | ND          |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 108-86-1 | Bromobenzene                                         | ND          |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 74-97-5  | Bromochloromethane                                   | ND          |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 75-27-4  | Bromodichloromethane                                 | ND          |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 75-25-2  | Bromoform                                            | ND          |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 74-83-9  | Bromomethane                                         | ND          |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 56-23-5  | Carbon tetrachloride                                 | ND          |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 108-90-7 | Chlorobenzene                                        | ND          |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |

### Sample Information

**Client Sample ID:** WQ31912:1130NP1-1-5

**York Sample ID:** 12C0758-04

York Project (SDG) No.  
12C0758

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 11:30 am

Date Received  
03/21/2012

**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  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 67-66-3                     | <b>Chloroform</b>                | <b>0.65</b>   |                         | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 74-87-3                     | Chloromethane                    | ND            |                         | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 156-59-2                    | cis-1,2-Dichloroethylene         | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 10061-01-5                  | cis-1,3-Dichloropropylene        | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 124-48-1                    | Dibromochloromethane             | ND            |                         | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 74-95-3                     | Dibromomethane                   | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 75-71-8                     | Dichlorodifluoromethane          | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 100-41-4                    | Ethyl Benzene                    | ND            |                         | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 87-68-3                     | Hexachlorobutadiene              | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 98-82-8                     | Isopropylbenzene                 | ND            |                         | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)   | ND            |                         | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>        | <b>1.1</b>    | J, B                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 91-20-3                     | <b>Naphthalene</b>               | <b>0.13</b>   | J, B                    | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 1330-20-7P/M                | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 127-18-4                    | <b>Tetrachloroethylene</b>       | <b>0.16</b>   | J                       | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 14:29   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 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:** WQ31912:1140NP1-1-6

**York Sample ID:** 12C0758-05

York Project (SDG) No.  
12C0758

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 11:40 am

Date Received  
03/21/2012

**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  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 71-55-6  | <b>1,1,1-Trichloroethane</b>                         | <b>2.7</b>  |      | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 75-34-3  | <b>1,1-Dichloroethane</b>                            | <b>0.86</b> |      | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 75-35-4  | <b>1,1-Dichloroethylene</b>                          | <b>0.19</b> | J    | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND          |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 591-78-6 | 2-Hexanone                                           | ND          |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 106-43-4 | 4-Chlorotoluene                                      | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 67-64-1  | Acetone                                              | ND          |      | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 71-43-2  | Benzene                                              | ND          |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 108-86-1 | Bromobenzene                                         | ND          |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 74-97-5  | Bromochloromethane                                   | ND          |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 75-27-4  | Bromodichloromethane                                 | ND          |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 75-25-2  | Bromoform                                            | ND          |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 74-83-9  | Bromomethane                                         | ND          |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 56-23-5  | Carbon tetrachloride                                 | ND          |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 108-90-7 | Chlorobenzene                                        | ND          |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |

### Sample Information

**Client Sample ID:** WQ31912:1140NP1-1-6

**York Sample ID:** 12C0758-05

York Project (SDG) No.  
12C0758

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 11:40 am

Date Received  
03/21/2012

#### 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  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 67-66-3                     | <b>Chloroform</b>                     | <b>0.22</b>   | J                       | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 74-87-3                     | Chloromethane                         | ND            |                         | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 156-59-2                    | cis-1,2-Dichloroethylene              | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 10061-01-5                  | cis-1,3-Dichloropropylene             | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 124-48-1                    | Dibromochloromethane                  | ND            |                         | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 74-95-3                     | Dibromomethane                        | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 75-71-8                     | Dichlorodifluoromethane               | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 100-41-4                    | Ethyl Benzene                         | ND            |                         | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 87-68-3                     | Hexachlorobutadiene                   | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 98-82-8                     | Isopropylbenzene                      | ND            |                         | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 1634-04-4                   | <b>Methyl tert-butyl ether (MTBE)</b> | <b>0.25</b>   | J                       | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>             | <b>1.2</b>    | J, B                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 91-20-3                     | <b>Naphthalene</b>                    | <b>0.11</b>   | J, B                    | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 104-51-8                    | n-Butylbenzene                        | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 103-65-1                    | n-Propylbenzene                       | ND            |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 95-47-6                     | o-Xylene                              | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 1330-20-7P/M                | p- & m- Xylenes                       | ND            |                         | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 99-87-6                     | p-Isopropyltoluene                    | ND            |                         | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 135-98-8                    | sec-Butylbenzene                      | ND            |                         | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 100-42-5                    | Styrene                               | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 98-06-6                     | tert-Butylbenzene                     | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 127-18-4                    | <b>Tetrachloroethylene</b>            | <b>3.2</b>    |                         | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 108-88-3                    | Toluene                               | ND            |                         | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene            | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene           | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 79-01-6                     | <b>Trichloroethylene</b>              | <b>0.12</b>   | J                       | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 75-69-4                     | Trichlorofluoromethane                | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 75-01-4                     | Vinyl Chloride                        | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| 1330-20-7                   | Xylenes, Total                        | ND            |                         | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:11   | SS      |
| <b>Surrogate Recoveries</b> |                                       | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4      | 101 %         | 72.6-129                |       |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene       | 96.6 %        | 63.5-145                |       |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8                 | 99.9 %        | 81.2-127                |       |       |      |          |                  |                    |                    |         |

### Sample Information

**Client Sample ID:** WQ31912:1150NP1-1-7

**York Sample ID:** 12C0758-06

York Project (SDG) No.  
12C0758

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 11:50 am

Date Received  
03/21/2012

**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  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 71-55-6  | <b>1,1,1-Trichloroethane</b>                         | <b>0.29</b> | J    | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 75-34-3  | <b>1,1-Dichloroethane</b>                            | <b>0.24</b> | J    | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND          |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 591-78-6 | 2-Hexanone                                           | ND          |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 106-43-4 | 4-Chlorotoluene                                      | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 67-64-1  | Acetone                                              | ND          |      | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 71-43-2  | Benzene                                              | ND          |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 108-86-1 | Bromobenzene                                         | ND          |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 74-97-5  | Bromochloromethane                                   | ND          |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 75-27-4  | Bromodichloromethane                                 | ND          |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 75-25-2  | Bromoform                                            | ND          |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 74-83-9  | Bromomethane                                         | ND          |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 56-23-5  | Carbon tetrachloride                                 | ND          |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 108-90-7 | Chlorobenzene                                        | ND          |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |

### Sample Information

**Client Sample ID:** WQ31912:1150NP1-1-7

**York Sample ID:** 12C0758-06

York Project (SDG) No.  
12C0758

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 11:50 am

Date Received  
03/21/2012

**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  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 67-66-3                     | Chloroform                            | ND            |                         | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 74-87-3                     | Chloromethane                         | ND            |                         | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 156-59-2                    | cis-1,2-Dichloroethylene              | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 10061-01-5                  | cis-1,3-Dichloropropylene             | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 124-48-1                    | Dibromochloromethane                  | ND            |                         | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 74-95-3                     | Dibromomethane                        | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 75-71-8                     | Dichlorodifluoromethane               | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 100-41-4                    | Ethyl Benzene                         | ND            |                         | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 87-68-3                     | Hexachlorobutadiene                   | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 98-82-8                     | Isopropylbenzene                      | ND            |                         | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 1634-04-4                   | <b>Methyl tert-butyl ether (MTBE)</b> | <b>0.11</b>   | J                       | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>             | <b>1.3</b>    | J, B                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 91-20-3                     | Naphthalene                           | ND            |                         | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 104-51-8                    | n-Butylbenzene                        | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 103-65-1                    | n-Propylbenzene                       | ND            |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 95-47-6                     | o-Xylene                              | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 1330-20-7P/M                | p- & m- Xylenes                       | ND            |                         | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 99-87-6                     | p-Isopropyltoluene                    | ND            |                         | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 135-98-8                    | sec-Butylbenzene                      | ND            |                         | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 100-42-5                    | Styrene                               | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 98-06-6                     | tert-Butylbenzene                     | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 127-18-4                    | <b>Tetrachloroethylene</b>            | <b>2.2</b>    |                         | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 108-88-3                    | Toluene                               | ND            |                         | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene            | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene           | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 79-01-6                     | <b>Trichloroethylene</b>              | <b>0.12</b>   | J                       | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 75-69-4                     | Trichlorofluoromethane                | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 75-01-4                     | Vinyl Chloride                        | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| 1330-20-7                   | Xylenes, Total                        | ND            |                         | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 15:53   | SS      |
| <b>Surrogate Recoveries</b> |                                       | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4      | 97.8 %        | 72.6-129                |       |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene       | 94.4 %        | 63.5-145                |       |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8                 | 100 %         | 81.2-127                |       |       |      |          |                  |                    |                    |         |

## Sample Information

**Client Sample ID:** WQ31912:1200NP1-1-8

**York Sample ID:** 12C0758-07

York Project (SDG) No.  
12C0758

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 12:00 pm

Date Received  
03/21/2012

### 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  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 591-78-6 | 2-Hexanone                                           | ND     |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 106-43-4 | 4-Chlorotoluene                                      | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 67-64-1  | Acetone                                              | ND     |      | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 71-43-2  | Benzene                                              | ND     |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 108-86-1 | Bromobenzene                                         | ND     |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 74-97-5  | Bromochloromethane                                   | ND     |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 75-27-4  | Bromodichloromethane                                 | ND     |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 75-25-2  | Bromoform                                            | ND     |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 74-83-9  | Bromomethane                                         | ND     |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 56-23-5  | Carbon tetrachloride                                 | ND     |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 108-90-7 | Chlorobenzene                                        | ND     |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |

### Sample Information

**Client Sample ID:** WQ31912:1200NP1-1-8

**York Sample ID:** 12C0758-07

York Project (SDG) No.  
12C0758

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 12:00 pm

Date Received  
03/21/2012

**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  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 67-66-3                     | Chloroform                       | ND            |                         | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 74-87-3                     | Chloromethane                    | ND            |                         | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 156-59-2                    | cis-1,2-Dichloroethylene         | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 10061-01-5                  | cis-1,3-Dichloropropylene        | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 124-48-1                    | Dibromochloromethane             | ND            |                         | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 74-95-3                     | Dibromomethane                   | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 75-71-8                     | Dichlorodifluoromethane          | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 100-41-4                    | Ethyl Benzene                    | ND            |                         | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 87-68-3                     | Hexachlorobutadiene              | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 98-82-8                     | Isopropylbenzene                 | ND            |                         | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)   | ND            |                         | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>        | <b>1.4</b>    | J, B                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 1330-20-7P/M                | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 127-18-4                    | <b>Tetrachloroethylene</b>       | <b>0.12</b>   | J                       | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 16:36   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 93.8 %        | 72.6-129                |       |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 96.0 %        | 63.5-145                |       |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 102 %         | 81.2-127                |       |       |      |          |                  |                    |                    |         |

### Sample Information

**Client Sample ID:** WQ31912:12100NP1-1-9

**York Sample ID:** 12C0758-08

York Project (SDG) No.  
12C0758

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 12:10 pm

Date Received  
03/21/2012

**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  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 71-55-6  | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND     |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 95-49-8  | 2-Chlorotoluene                                      | ND     |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 591-78-6 | 2-Hexanone                                           | ND     |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 106-43-4 | 4-Chlorotoluene                                      | ND     |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 67-64-1  | Acetone                                              | ND     |      | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 71-43-2  | Benzene                                              | ND     |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 108-86-1 | Bromobenzene                                         | ND     |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 74-97-5  | Bromochloromethane                                   | ND     |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 75-27-4  | Bromodichloromethane                                 | ND     |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 75-25-2  | Bromoform                                            | ND     |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 74-83-9  | Bromomethane                                         | ND     |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 56-23-5  | Carbon tetrachloride                                 | ND     |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 108-90-7 | Chlorobenzene                                        | ND     |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |

## Sample Information

**Client Sample ID:** WQ31912:12100NP1-1-9

**York Sample ID:** 12C0758-08

York Project (SDG) No.  
12C0758

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 12:10 pm

Date Received  
03/21/2012

### 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  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 67-66-3                     | Chloroform                       | ND            |                         | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 74-87-3                     | Chloromethane                    | ND            |                         | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 156-59-2                    | cis-1,2-Dichloroethylene         | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 10061-01-5                  | cis-1,3-Dichloropropylene        | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 124-48-1                    | Dibromochloromethane             | ND            |                         | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 74-95-3                     | Dibromomethane                   | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 75-71-8                     | Dichlorodifluoromethane          | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 100-41-4                    | Ethyl Benzene                    | ND            |                         | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 87-68-3                     | Hexachlorobutadiene              | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 98-82-8                     | Isopropylbenzene                 | ND            |                         | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)   | ND            |                         | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>        | <b>1.6</b>    | J, B                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 1330-20-7P/M                | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 127-18-4                    | Tetrachloroethylene              | ND            |                         | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 79-01-6                     | Trichloroethylene                | ND            |                         | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/23/2012 08:57   | 03/23/2012 17:18   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 95.7 %        | 72.6-129                |       |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 95.3 %        | 63.5-145                |       |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 101 %         | 81.2-127                |       |       |      |          |                  |                    |                    |         |

## Analytical Batch Summary

**Batch ID:** BC20948

**Preparation Method:** EPA 5030B

**Prepared By:** VRL

| YORK Sample ID | Client Sample ID     | Preparation Date |
|----------------|----------------------|------------------|
| 12C0758-01     | WQ31912:1100NP1-1-2  | 03/23/12         |
| 12C0758-02     | WQ31912:1110NP1-1-3  | 03/23/12         |
| 12C0758-03     | WQ31912:1120NP1-1-4  | 03/23/12         |
| 12C0758-04     | WQ31912:1130NP1-1-5  | 03/23/12         |
| 12C0758-05     | WQ31912:1140NP1-1-6  | 03/23/12         |
| 12C0758-06     | WQ31912:1150NP1-1-7  | 03/23/12         |
| 12C0758-07     | WQ31912:1200NP1-1-8  | 03/23/12         |
| 12C0758-08     | WQ31912:12100NP1-1-9 | 03/23/12         |
| BC20948-BLK1   | Blank                | 03/23/12         |
| BC20948-BS1    | LCS                  | 03/23/12         |
| BC20948-BSD1   | LCS Dup              | 03/23/12         |
| BC20948-MS1    | Matrix Spike         | 03/23/12         |
| BC20948-MSD1   | Matrix Spike Dup     | 03/23/12         |

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

**York Analytical Laboratories, Inc.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20948 - EPA 5030B**

**Blank (BC20948-BLK1)**

Prepared & Analyzed: 03/23/2012

|                                                   |      |      |      |
|---------------------------------------------------|------|------|------|
| 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                                           | 1.8  | 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                                | 3.0  | 2.0  | "    |
| Naphthalene                                       | 0.78 | 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<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20948 - EPA 5030B**

**Blank (BC20948-BLK1)**

Prepared & Analyzed: 03/23/2012

|                             |    |      |      |
|-----------------------------|----|------|------|
| 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 | 9.60 | " | 10.0 | 96.0 | 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 |

**LCS (BC20948-BS1)**

Prepared & Analyzed: 03/23/2012

|                                                   |      |      |      |      |          |
|---------------------------------------------------|------|------|------|------|----------|
| 1,1,1,2-Tetrachloroethane                         | 10.3 | ug/L | 10.0 | 103  | 82.3-130 |
| 1,1,1-Trichloroethane                             | 9.56 | "    | 10.0 | 95.6 | 75.6-137 |
| 1,1,2,2-Tetrachloroethane                         | 8.98 | "    | 10.0 | 89.8 | 71.3-131 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 9.28 | "    | 10.0 | 92.8 | 71.1-129 |
| 1,1,2-Trichloroethane                             | 9.84 | "    | 10.0 | 98.4 | 74.5-129 |
| 1,1-Dichloroethane                                | 9.96 | "    | 10.0 | 99.6 | 79.6-132 |
| 1,1-Dichloroethylene                              | 10.4 | "    | 10.0 | 104  | 80.2-146 |
| 1,1-Dichloropropylene                             | 11.0 | "    | 10.0 | 110  | 75-136   |
| 1,2,3-Trichlorobenzene                            | 9.46 | "    | 10.0 | 94.6 | 66.1-136 |
| 1,2,3-Trichloropropane                            | 8.31 | "    | 10.0 | 83.1 | 63-131   |
| 1,2,4-Trichlorobenzene                            | 10.4 | "    | 10.0 | 104  | 70.6-136 |
| 1,2,4-Trimethylbenzene                            | 9.97 | "    | 10.0 | 99.7 | 75.3-135 |
| 1,2-Dibromo-3-chloropropane                       | 9.19 | "    | 10.0 | 91.9 | 58.9-140 |
| 1,2-Dibromoethane                                 | 10.5 | "    | 10.0 | 105  | 79-130   |
| 1,2-Dichlorobenzene                               | 9.37 | "    | 10.0 | 93.7 | 76.1-122 |
| 1,2-Dichloroethane                                | 9.61 | "    | 10.0 | 96.1 | 74.6-132 |
| 1,2-Dichloropropane                               | 10.4 | "    | 10.0 | 104  | 76.9-129 |
| 1,3,5-Trimethylbenzene                            | 9.94 | "    | 10.0 | 99.4 | 70.6-127 |
| 1,3-Dichlorobenzene                               | 9.37 | "    | 10.0 | 93.7 | 77-124   |
| 1,3-Dichloropropane                               | 9.70 | "    | 10.0 | 97.0 | 75.8-126 |
| 1,4-Dichlorobenzene                               | 9.42 | "    | 10.0 | 94.2 | 76.6-125 |
| 2,2-Dichloropropane                               | 10.6 | "    | 10.0 | 106  | 69-133   |
| 2-Chlorotoluene                                   | 9.31 | "    | 10.0 | 93.1 | 66.3-119 |
| 2-Hexanone                                        | 10.1 | "    | 10.0 | 101  | 70-130   |
| 4-Chlorotoluene                                   | 9.55 | "    | 10.0 | 95.5 | 69.2-127 |
| Acetone                                           | 3.18 | "    | 10.0 | 31.8 | 70-130   |
| Benzene                                           | 9.85 | "    | 10.0 | 98.5 | 76.2-129 |
| Bromobenzene                                      | 9.44 | "    | 10.0 | 94.4 | 71.3-123 |
| Bromochloromethane                                | 9.50 | "    | 10.0 | 95.0 | 70.8-137 |
| Bromodichloromethane                              | 10.4 | "    | 10.0 | 104  | 79.7-134 |
| Bromoform                                         | 9.25 | "    | 10.0 | 92.5 | 70.5-141 |
| Bromomethane                                      | 9.74 | "    | 10.0 | 97.4 | 43.9-147 |
| Carbon tetrachloride                              | 11.1 | "    | 10.0 | 111  | 78.1-138 |
| Chlorobenzene                                     | 10.0 | "    | 10.0 | 100  | 80.4-125 |
| Chloroethane                                      | 9.59 | "    | 10.0 | 95.9 | 55.8-140 |
| Chloroform                                        | 9.41 | "    | 10.0 | 94.1 | 76.6-133 |
| Chloromethane                                     | 7.86 | "    | 10.0 | 78.6 | 48.8-115 |

Low Bias

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

**York Analytical Laboratories, Inc.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20948 - EPA 5030B**

**LCS (BC20948-BS1)**

Prepared & Analyzed: 03/23/2012

|                                         |             |  |          |             |  |             |                 |  |  |  |  |
|-----------------------------------------|-------------|--|----------|-------------|--|-------------|-----------------|--|--|--|--|
| cis-1,2-Dichloroethylene                | 9.67        |  | ug/L     | 10.0        |  | 96.7        | 75.1-128        |  |  |  |  |
| cis-1,3-Dichloropropylene               | 9.86        |  | "        | 10.0        |  | 98.6        | 74.5-128        |  |  |  |  |
| Dibromochloromethane                    | 10.2        |  | "        | 10.0        |  | 102         | 79.8-134        |  |  |  |  |
| Dibromomethane                          | 10.1        |  | "        | 10.0        |  | 101         | 79-130          |  |  |  |  |
| Dichlorodifluoromethane                 | 7.66        |  | "        | 10.0        |  | 76.6        | 47.1-101        |  |  |  |  |
| Ethyl Benzene                           | 10.3        |  | "        | 10.0        |  | 103         | 80.8-128        |  |  |  |  |
| Hexachlorobutadiene                     | 8.90        |  | "        | 10.0        |  | 89.0        | 64.8-128        |  |  |  |  |
| Isopropylbenzene                        | 9.99        |  | "        | 10.0        |  | 99.9        | 75.5-135        |  |  |  |  |
| Methyl tert-butyl ether (MTBE)          | 9.84        |  | "        | 10.0        |  | 98.4        | 65.1-140        |  |  |  |  |
| Methylene chloride                      | 6.92        |  | "        | 10.0        |  | 69.2        | 61.3-120        |  |  |  |  |
| Naphthalene                             | 9.23        |  | "        | 10.0        |  | 92.3        | 62.3-148        |  |  |  |  |
| n-Butylbenzene                          | 9.78        |  | "        | 10.0        |  | 97.8        | 67.2-123        |  |  |  |  |
| n-Propylbenzene                         | 9.58        |  | "        | 10.0        |  | 95.8        | 70.5-127        |  |  |  |  |
| o-Xylene                                | 9.62        |  | "        | 10.0        |  | 96.2        | 75.9-122        |  |  |  |  |
| p- & m- Xylenes                         | 20.3        |  | "        | 20.0        |  | 101         | 77.7-127        |  |  |  |  |
| p-Isopropyltoluene                      | 9.83        |  | "        | 10.0        |  | 98.3        | 75.6-129        |  |  |  |  |
| sec-Butylbenzene                        | 9.40        |  | "        | 10.0        |  | 94.0        | 71.5-125        |  |  |  |  |
| Styrene                                 | 9.96        |  | "        | 10.0        |  | 99.6        | 77.8-123        |  |  |  |  |
| tert-Butylbenzene                       | 10.3        |  | "        | 10.0        |  | 103         | 75.9-151        |  |  |  |  |
| Tetrachloroethylene                     | 10.6        |  | "        | 10.0        |  | 106         | 63.6-167        |  |  |  |  |
| Toluene                                 | 10.0        |  | "        | 10.0        |  | 100         | 77-123          |  |  |  |  |
| trans-1,2-Dichloroethylene              | 9.81        |  | "        | 10.0        |  | 98.1        | 76.3-139        |  |  |  |  |
| trans-1,3-Dichloropropylene             | 10.3        |  | "        | 10.0        |  | 103         | 72.5-137        |  |  |  |  |
| Trichloroethylene                       | 9.91        |  | "        | 10.0        |  | 99.1        | 77.9-130        |  |  |  |  |
| Trichlorofluoromethane                  | 9.40        |  | "        | 10.0        |  | 94.0        | 57.4-133        |  |  |  |  |
| Vinyl Chloride                          | 9.25        |  | "        | 10.0        |  | 92.5        | 54.9-124        |  |  |  |  |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>9.80</i> |  | <i>"</i> | <i>10.0</i> |  | <i>98.0</i> | <i>72.6-129</i> |  |  |  |  |
| <i>Surrogate: p-Bromofluorobenzene</i>  | <i>9.68</i> |  | <i>"</i> | <i>10.0</i> |  | <i>96.8</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<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC                            | %REC<br>Limits | Flag     | RPD   | RPD<br>Limit | Flag     |
|---------------------------------------------------|--------|--------------------|-------|----------------|-------------------|---------------------------------|----------------|----------|-------|--------------|----------|
| <b>Batch BC20948 - EPA 5030B</b>                  |        |                    |       |                |                   |                                 |                |          |       |              |          |
| <b>LCS Dup (BC20948-BSD1)</b>                     |        |                    |       |                |                   | Prepared & Analyzed: 03/23/2012 |                |          |       |              |          |
| 1,1,1,2-Tetrachloroethane                         | 9.74   |                    | ug/L  | 10.0           |                   | 97.4                            | 82.3-130       |          | 5.30  | 21.1         |          |
| 1,1,1-Trichloroethane                             | 9.65   |                    | "     | 10.0           |                   | 96.5                            | 75.6-137       |          | 0.937 | 19.7         |          |
| 1,1,2,2-Tetrachloroethane                         | 8.65   |                    | "     | 10.0           |                   | 86.5                            | 71.3-131       |          | 3.74  | 20.8         |          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 9.87   |                    | "     | 10.0           |                   | 98.7                            | 71.1-129       |          | 6.16  | 21.7         |          |
| 1,1,2-Trichloroethane                             | 10.0   |                    | "     | 10.0           |                   | 100                             | 74.5-129       |          | 1.61  | 20.3         |          |
| 1,1-Dichloroethane                                | 9.91   |                    | "     | 10.0           |                   | 99.1                            | 79.6-132       |          | 0.503 | 20.6         |          |
| 1,1-Dichloroethylene                              | 10.6   |                    | "     | 10.0           |                   | 106                             | 80.2-146       |          | 1.91  | 20           |          |
| 1,1-Dichloropropylene                             | 11.7   |                    | "     | 10.0           |                   | 117                             | 75-136         |          | 6.45  | 19.3         |          |
| 1,2,3-Trichlorobenzene                            | 10.5   |                    | "     | 10.0           |                   | 105                             | 66.1-136       |          | 10.5  | 21.6         |          |
| 1,2,3-Trichloropropane                            | 8.07   |                    | "     | 10.0           |                   | 80.7                            | 63-131         |          | 2.93  | 23.9         |          |
| 1,2,4-Trichlorobenzene                            | 11.0   |                    | "     | 10.0           |                   | 110                             | 70.6-136       |          | 5.89  | 21.7         |          |
| 1,2,4-Trimethylbenzene                            | 9.42   |                    | "     | 10.0           |                   | 94.2                            | 75.3-135       |          | 5.67  | 18.8         |          |
| 1,2-Dibromo-3-chloropropane                       | 9.08   |                    | "     | 10.0           |                   | 90.8                            | 58.9-140       |          | 1.20  | 27.7         |          |
| 1,2-Dibromoethane                                 | 9.94   |                    | "     | 10.0           |                   | 99.4                            | 79-130         |          | 5.19  | 23           |          |
| 1,2-Dichlorobenzene                               | 9.00   |                    | "     | 10.0           |                   | 90.0                            | 76.1-122       |          | 4.03  | 19.8         |          |
| 1,2-Dichloroethane                                | 9.60   |                    | "     | 10.0           |                   | 96.0                            | 74.6-132       |          | 0.104 | 20.2         |          |
| 1,2-Dichloropropane                               | 9.93   |                    | "     | 10.0           |                   | 99.3                            | 76.9-129       |          | 4.82  | 20.7         |          |
| 1,3,5-Trimethylbenzene                            | 9.11   |                    | "     | 10.0           |                   | 91.1                            | 70.6-127       |          | 8.71  | 18.9         |          |
| 1,3-Dichlorobenzene                               | 9.03   |                    | "     | 10.0           |                   | 90.3                            | 77-124         |          | 3.70  | 19.2         |          |
| 1,3-Dichloropropane                               | 9.37   |                    | "     | 10.0           |                   | 93.7                            | 75.8-126       |          | 3.46  | 22.1         |          |
| 1,4-Dichlorobenzene                               | 9.11   |                    | "     | 10.0           |                   | 91.1                            | 76.6-125       |          | 3.35  | 18.6         |          |
| 2,2-Dichloropropane                               | 9.11   |                    | "     | 10.0           |                   | 91.1                            | 69-133         |          | 15.3  | 19.8         |          |
| 2-Chlorotoluene                                   | 8.75   |                    | "     | 10.0           |                   | 87.5                            | 66.3-119       |          | 6.20  | 21.6         |          |
| 2-Hexanone                                        | 9.57   |                    | "     | 10.0           |                   | 95.7                            | 70-130         |          | 5.78  | 30           |          |
| 4-Chlorotoluene                                   | 9.08   |                    | "     | 10.0           |                   | 90.8                            | 69.2-127       |          | 5.05  | 19           |          |
| Acetone                                           | 5.07   |                    | "     | 10.0           |                   | 50.7                            | 70-130         | Low Bias | 45.8  | 30           | Non-dir. |
| Benzene                                           | 9.60   |                    | "     | 10.0           |                   | 96.0                            | 76.2-129       |          | 2.57  | 19           |          |
| Bromobenzene                                      | 8.71   |                    | "     | 10.0           |                   | 87.1                            | 71.3-123       |          | 8.04  | 20.3         |          |
| Bromochloromethane                                | 9.80   |                    | "     | 10.0           |                   | 98.0                            | 70.8-137       |          | 3.11  | 23.9         |          |
| Bromodichloromethane                              | 9.98   |                    | "     | 10.0           |                   | 99.8                            | 79.7-134       |          | 3.64  | 21           |          |
| Bromoform                                         | 8.44   |                    | "     | 10.0           |                   | 84.4                            | 70.5-141       |          | 9.16  | 21.8         |          |
| Bromomethane                                      | 9.06   |                    | "     | 10.0           |                   | 90.6                            | 43.9-147       |          | 7.23  | 28.4         |          |
| Carbon tetrachloride                              | 11.7   |                    | "     | 10.0           |                   | 117                             | 78.1-138       |          | 5.28  | 20.1         |          |
| Chlorobenzene                                     | 9.70   |                    | "     | 10.0           |                   | 97.0                            | 80.4-125       |          | 3.15  | 19.9         |          |
| Chloroethane                                      | 9.11   |                    | "     | 10.0           |                   | 91.1                            | 55.8-140       |          | 5.13  | 23.3         |          |
| Chloroform                                        | 9.44   |                    | "     | 10.0           |                   | 94.4                            | 76.6-133       |          | 0.318 | 20.3         |          |
| Chloromethane                                     | 7.90   |                    | "     | 10.0           |                   | 79.0                            | 48.8-115       |          | 0.508 | 24.5         |          |
| cis-1,2-Dichloroethylene                          | 9.67   |                    | "     | 10.0           |                   | 96.7                            | 75.1-128       |          | 0.00  | 20.5         |          |
| cis-1,3-Dichloropropylene                         | 9.22   |                    | "     | 10.0           |                   | 92.2                            | 74.5-128       |          | 6.71  | 19.9         |          |
| Dibromochloromethane                              | 9.47   |                    | "     | 10.0           |                   | 94.7                            | 79.8-134       |          | 7.81  | 21.3         |          |
| Dibromomethane                                    | 9.96   |                    | "     | 10.0           |                   | 99.6                            | 79-130         |          | 1.30  | 22.4         |          |
| Dichlorodifluoromethane                           | 7.78   |                    | "     | 10.0           |                   | 77.8                            | 47.1-101       |          | 1.55  | 23.9         |          |
| Ethyl Benzene                                     | 10.2   |                    | "     | 10.0           |                   | 102                             | 80.8-128       |          | 1.56  | 19.2         |          |
| Hexachlorobutadiene                               | 9.79   |                    | "     | 10.0           |                   | 97.9                            | 64.8-128       |          | 9.52  | 20.6         |          |
| Isopropylbenzene                                  | 9.47   |                    | "     | 10.0           |                   | 94.7                            | 75.5-135       |          | 5.34  | 20           |          |
| Methyl tert-butyl ether (MTBE)                    | 12.1   |                    | "     | 10.0           |                   | 121                             | 65.1-140       |          | 20.4  | 23.6         |          |
| Methylene chloride                                | 11.8   |                    | "     | 10.0           |                   | 118                             | 61.3-120       |          | 52.5  | 20.4         | Non-dir. |
| Naphthalene                                       | 8.71   |                    | "     | 10.0           |                   | 87.1                            | 62.3-148       |          | 5.80  | 27.1         |          |
| n-Butylbenzene                                    | 9.45   |                    | "     | 10.0           |                   | 94.5                            | 67.2-123       |          | 3.43  | 19.1         |          |
| n-Propylbenzene                                   | 9.00   |                    | "     | 10.0           |                   | 90.0                            | 70.5-127       |          | 6.24  | 23.4         |          |
| o-Xylene                                          | 9.52   |                    | "     | 10.0           |                   | 95.2                            | 75.9-122       |          | 1.04  | 19.3         |          |
| p- & m- Xylenes                                   | 19.9   |                    | "     | 20.0           |                   | 99.5                            | 77.7-127       |          | 1.94  | 18.6         |          |
| p-Isopropyltoluene                                | 9.39   |                    | "     | 10.0           |                   | 93.9                            | 75.6-129       |          | 4.58  | 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     |
|---------------------------------------------------|--------|-----------------|-------|-------------|----------------|----------------------------------------------------------------------------------|-------------|----------|------|-----------|----------|
| <b>Batch BC20948 - EPA 5030B</b>                  |        |                 |       |             |                |                                                                                  |             |          |      |           |          |
| <b>LCS Dup (BC20948-BSD1)</b>                     |        |                 |       |             |                | Prepared & Analyzed: 03/23/2012                                                  |             |          |      |           |          |
| sec-Butylbenzene                                  | 9.20   |                 | ug/L  | 10.0        |                | 92.0                                                                             | 71.5-125    |          | 2.15 | 18.9      |          |
| Styrene                                           | 9.86   |                 | "     | 10.0        |                | 98.6                                                                             | 77.8-123    |          | 1.01 | 20.9      |          |
| tert-Butylbenzene                                 | 9.44   |                 | "     | 10.0        |                | 94.4                                                                             | 75.9-151    |          | 9.00 | 20.9      |          |
| Tetrachloroethylene                               | 15.1   |                 | "     | 10.0        |                | 151                                                                              | 63.6-167    |          | 35.1 | 27.7      | Non-dir. |
| Toluene                                           | 9.54   |                 | "     | 10.0        |                | 95.4                                                                             | 77-123      |          | 4.71 | 18.7      |          |
| trans-1,2-Dichloroethylene                        | 10.0   |                 | "     | 10.0        |                | 100                                                                              | 76.3-139    |          | 2.12 | 19.5      |          |
| trans-1,3-Dichloropropylene                       | 9.72   |                 | "     | 10.0        |                | 97.2                                                                             | 72.5-137    |          | 5.50 | 19.3      |          |
| Trichloroethylene                                 | 9.91   |                 | "     | 10.0        |                | 99.1                                                                             | 77.9-130    |          | 0.00 | 20.5      |          |
| Trichlorofluoromethane                            | 9.83   |                 | "     | 10.0        |                | 98.3                                                                             | 57.4-133    |          | 4.47 | 21.4      |          |
| Vinyl Chloride                                    | 8.96   |                 | "     | 10.0        |                | 89.6                                                                             | 54.9-124    |          | 3.19 | 22.3      |          |
| Surrogate: 1,2-Dichloroethane-d4                  | 9.83   |                 | "     | 10.0        |                | 98.3                                                                             | 72.6-129    |          |      |           |          |
| Surrogate: p-Bromofluorobenzene                   | 9.56   |                 | "     | 10.0        |                | 95.6                                                                             | 63.5-145    |          |      |           |          |
| Surrogate: Toluene-d8                             | 9.99   |                 | "     | 10.0        |                | 99.9                                                                             | 81.2-127    |          |      |           |          |
| <b>Matrix Spike (BC20948-MS1)</b>                 |        |                 |       |             |                | *Source sample: 12C0758-06 (WQ31912:1150NP1-1-7) Prepared & Analyzed: 03/23/2012 |             |          |      |           |          |
| 1,1,1,2-Tetrachloroethane                         | 10.2   |                 | ug/L  | 10.0        | ND             | 102                                                                              | 82-138      |          |      |           |          |
| 1,1,1-Trichloroethane                             | 10.2   |                 | "     | 10.0        | 0.290          | 99.0                                                                             | 85.7-133    |          |      |           |          |
| 1,1,2,2-Tetrachloroethane                         | 8.97   |                 | "     | 10.0        | ND             | 89.7                                                                             | 78.6-136    |          |      |           |          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 9.87   |                 | "     | 10.0        | ND             | 98.7                                                                             | 74.8-131    |          |      |           |          |
| 1,1,2-Trichloroethane                             | 9.69   |                 | "     | 10.0        | ND             | 96.9                                                                             | 82.5-129    |          |      |           |          |
| 1,1-Dichloroethane                                | 10.2   |                 | "     | 10.0        | 0.240          | 99.1                                                                             | 81.4-137    |          |      |           |          |
| 1,1-Dichloroethylene                              | 10.9   |                 | "     | 10.0        | ND             | 109                                                                              | 90-138      |          |      |           |          |
| 1,1-Dichloropropylene                             | 12.6   |                 | "     | 10.0        | ND             | 126                                                                              | 91.7-131    |          |      |           |          |
| 1,2,3-Trichlorobenzene                            | 10.4   |                 | "     | 10.0        | ND             | 104                                                                              | 75.9-130    |          |      |           |          |
| 1,2,3-Trichloropropane                            | 8.87   |                 | "     | 10.0        | ND             | 88.7                                                                             | 77.1-140    |          |      |           |          |
| 1,2,4-Trichlorobenzene                            | 10.6   |                 | "     | 10.0        | ND             | 106                                                                              | 69.8-135    |          |      |           |          |
| 1,2,4-Trimethylbenzene                            | 9.79   |                 | "     | 10.0        | ND             | 97.9                                                                             | 79.4-131    |          |      |           |          |
| 1,2-Dibromo-3-chloropropane                       | 8.40   |                 | "     | 10.0        | ND             | 84.0                                                                             | 66.6-143    |          |      |           |          |
| 1,2-Dibromoethane                                 | 10.4   |                 | "     | 10.0        | ND             | 104                                                                              | 79.8-136    |          |      |           |          |
| 1,2-Dichlorobenzene                               | 9.25   |                 | "     | 10.0        | ND             | 92.5                                                                             | 79.9-130    |          |      |           |          |
| 1,2-Dichloroethane                                | 9.94   |                 | "     | 10.0        | ND             | 99.4                                                                             | 85-133      |          |      |           |          |
| 1,2-Dichloropropane                               | 10.2   |                 | "     | 10.0        | ND             | 102                                                                              | 81.1-132    |          |      |           |          |
| 1,3,5-Trimethylbenzene                            | 9.62   |                 | "     | 10.0        | ND             | 96.2                                                                             | 76.1-121    |          |      |           |          |
| 1,3-Dichlorobenzene                               | 9.25   |                 | "     | 10.0        | ND             | 92.5                                                                             | 79.1-124    |          |      |           |          |
| 1,3-Dichloropropane                               | 9.51   |                 | "     | 10.0        | ND             | 95.1                                                                             | 83.3-130    |          |      |           |          |
| 1,4-Dichlorobenzene                               | 9.28   |                 | "     | 10.0        | ND             | 92.8                                                                             | 79.4-128    |          |      |           |          |
| 2,2-Dichloropropane                               | 8.78   |                 | "     | 10.0        | ND             | 87.8                                                                             | 54.2-126    |          |      |           |          |
| 2-Chlorotoluene                                   | 9.03   |                 | "     | 10.0        | ND             | 90.3                                                                             | 60.2-144    |          |      |           |          |
| 2-Hexanone                                        | 10.7   |                 | "     | 10.0        | ND             | 107                                                                              | 70-130      |          |      |           |          |
| 4-Chlorotoluene                                   | 9.05   |                 | "     | 10.0        | ND             | 90.5                                                                             | 79.8-128    |          |      |           |          |
| Acetone                                           | 3.65   |                 | "     | 10.0        | 0.970          | 26.8                                                                             | 70-130      | Low Bias |      |           |          |
| Benzene                                           | 9.88   |                 | "     | 10.0        | ND             | 98.8                                                                             | 74.1-134    |          |      |           |          |
| Bromobenzene                                      | 9.01   |                 | "     | 10.0        | ND             | 90.1                                                                             | 76.6-125    |          |      |           |          |
| Bromochloromethane                                | 9.68   |                 | "     | 10.0        | ND             | 96.8                                                                             | 85-133      |          |      |           |          |
| Bromodichloromethane                              | 10.3   |                 | "     | 10.0        | ND             | 103                                                                              | 80.8-143    |          |      |           |          |
| Bromoform                                         | 8.52   |                 | "     | 10.0        | ND             | 85.2                                                                             | 65.8-164    |          |      |           |          |
| Bromomethane                                      | 8.83   |                 | "     | 10.0        | ND             | 88.3                                                                             | 68.7-112    |          |      |           |          |
| Carbon tetrachloride                              | 12.3   |                 | "     | 10.0        | ND             | 123                                                                              | 85.7-138    |          |      |           |          |
| Chlorobenzene                                     | 9.89   |                 | "     | 10.0        | ND             | 98.9                                                                             | 79.9-129    |          |      |           |          |
| Chloroethane                                      | 9.31   |                 | "     | 10.0        | ND             | 93.1                                                                             | 74.7-127    |          |      |           |          |
| Chloroform                                        | 9.74   |                 | "     | 10.0        | ND             | 97.4                                                                             | 50.6-145    |          |      |           |          |
| Chloromethane                                     | 7.77   |                 | "     | 10.0        | ND             | 77.7                                                                             | 64-111      |          |      |           |          |
| cis-1,2-Dichloroethylene                          | 9.60   |                 | "     | 10.0        | ND             | 96.0                                                                             | 75.5-129    |          |      |           |          |

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

**York Analytical Laboratories, Inc.**

| Analyte                                 | Result                                           | Reporting<br>Limit | Units    | Spike<br>Level | Source*<br>Result | %REC        | %REC<br>Limits                  | Flag     | RPD | RPD<br>Limit | Flag |
|-----------------------------------------|--------------------------------------------------|--------------------|----------|----------------|-------------------|-------------|---------------------------------|----------|-----|--------------|------|
| <b>Batch BC20948 - EPA 5030B</b>        |                                                  |                    |          |                |                   |             |                                 |          |     |              |      |
| <b>Matrix Spike (BC20948-MS1)</b>       | *Source sample: 12C0758-06 (WQ31912:1150NP1-1-7) |                    |          |                |                   |             | Prepared & Analyzed: 03/23/2012 |          |     |              |      |
| cis-1,3-Dichloropropylene               | 9.25                                             |                    | ug/L     | 10.0           | ND                | 92.5        | 74.3-128                        |          |     |              |      |
| Dibromochloromethane                    | 9.80                                             |                    | "        | 10.0           | ND                | 98.0        | 76.8-150                        |          |     |              |      |
| Dibromomethane                          | 10.2                                             |                    | "        | 10.0           | ND                | 102         | 83.3-140                        |          |     |              |      |
| Dichlorodifluoromethane                 | 1.11                                             |                    | "        | 10.0           | ND                | 11.1        | 51-100                          | Low Bias |     |              |      |
| Ethyl Benzene                           | 10.4                                             |                    | "        | 10.0           | ND                | 104         | 82.9-127                        |          |     |              |      |
| Hexachlorobutadiene                     | 9.94                                             |                    | "        | 10.0           | ND                | 99.4        | 73-128                          |          |     |              |      |
| Isopropylbenzene                        | 9.79                                             |                    | "        | 10.0           | ND                | 97.9        | 78.7-131                        |          |     |              |      |
| Methyl tert-butyl ether (MTBE)          | 11.7                                             |                    | "        | 10.0           | 0.110             | 116         | 81.2-134                        |          |     |              |      |
| Methylene chloride                      | 8.09                                             |                    | "        | 10.0           | 1.33              | 67.6        | 57.8-103                        |          |     |              |      |
| Naphthalene                             | 7.87                                             |                    | "        | 10.0           | ND                | 78.7        | 80.1-122                        | Low Bias |     |              |      |
| n-Butylbenzene                          | 9.57                                             |                    | "        | 10.0           | ND                | 95.7        | 72.4-120                        |          |     |              |      |
| n-Propylbenzene                         | 9.17                                             |                    | "        | 10.0           | ND                | 91.7        | 74-130                          |          |     |              |      |
| o-Xylene                                | 9.80                                             |                    | "        | 10.0           | ND                | 98.0        | 78.8-122                        |          |     |              |      |
| p- & m- Xylenes                         | 20.4                                             |                    | "        | 20.0           | ND                | 102         | 82.5-123                        |          |     |              |      |
| p-Isopropyltoluene                      | 9.73                                             |                    | "        | 10.0           | ND                | 97.3        | 64.9-132                        |          |     |              |      |
| sec-Butylbenzene                        | 9.41                                             |                    | "        | 10.0           | ND                | 94.1        | 25.4-151                        |          |     |              |      |
| Styrene                                 | 9.91                                             |                    | "        | 10.0           | ND                | 99.1        | 74.1-134                        |          |     |              |      |
| tert-Butylbenzene                       | 10.4                                             |                    | "        | 10.0           | ND                | 104         | 79.5-171                        |          |     |              |      |
| Tetrachloroethylene                     | 12.2                                             |                    | "        | 10.0           | 2.19              | 100         | 72.5-130                        |          |     |              |      |
| Toluene                                 | 9.97                                             |                    | "        | 10.0           | ND                | 99.7        | 77.8-121                        |          |     |              |      |
| trans-1,2-Dichloroethylene              | 10.1                                             |                    | "        | 10.0           | ND                | 101         | 83.8-140                        |          |     |              |      |
| trans-1,3-Dichloropropylene             | 9.69                                             |                    | "        | 10.0           | ND                | 96.9        | 74.9-136                        |          |     |              |      |
| Trichloroethylene                       | 10.1                                             |                    | "        | 10.0           | 0.120             | 99.5        | 84.4-125                        |          |     |              |      |
| Trichlorofluoromethane                  | 9.74                                             |                    | "        | 10.0           | ND                | 97.4        | 78.7-127                        |          |     |              |      |
| Vinyl Chloride                          | 8.96                                             |                    | "        | 10.0           | ND                | 89.6        | 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>9.57</i>                                      |                    | <i>"</i> | <i>10.0</i>    |                   | <i>95.7</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<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits                  | Flag     | RPD   | RPD<br>Limit | Flag     |
|---------------------------------------------------|--------------------------------------------------|--------------------|-------|----------------|-------------------|------|---------------------------------|----------|-------|--------------|----------|
| <b>Batch BC20948 - EPA 5030B</b>                  |                                                  |                    |       |                |                   |      |                                 |          |       |              |          |
| <b>Matrix Spike Dup (BC20948-MSD1)</b>            | *Source sample: 12C0758-06 (WQ31912:1150NP1-1-7) |                    |       |                |                   |      | Prepared & Analyzed: 03/23/2012 |          |       |              |          |
| 1,1,1,2-Tetrachloroethane                         | 9.79                                             |                    | ug/L  | 10.0           | ND                | 97.9 | 82-138                          |          | 4.40  | 21.3         |          |
| 1,1,1-Trichloroethane                             | 9.86                                             |                    | "     | 10.0           | 0.290             | 95.7 | 85.7-133                        |          | 3.39  | 22.6         |          |
| 1,1,2,2-Tetrachloroethane                         | 8.85                                             |                    | "     | 10.0           | ND                | 88.5 | 78.6-136                        |          | 1.35  | 23.1         |          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 9.67                                             |                    | "     | 10.0           | ND                | 96.7 | 74.8-131                        |          | 2.05  | 25.6         |          |
| 1,1,2-Trichloroethane                             | 9.32                                             |                    | "     | 10.0           | ND                | 93.2 | 82.5-129                        |          | 3.89  | 19.3         |          |
| 1,1-Dichloroethane                                | 9.92                                             |                    | "     | 10.0           | 0.240             | 96.8 | 81.4-137                        |          | 2.35  | 20.7         |          |
| 1,1-Dichloroethylene                              | 10.3                                             |                    | "     | 10.0           | ND                | 103  | 90-138                          |          | 5.85  | 22.9         |          |
| 1,1-Dichloropropylene                             | 12.6                                             |                    | "     | 10.0           | ND                | 126  | 91.7-131                        |          | 0.475 | 24.9         |          |
| 1,2,3-Trichlorobenzene                            | 10.5                                             |                    | "     | 10.0           | ND                | 105  | 75.9-130                        |          | 1.44  | 21.4         |          |
| 1,2,3-Trichloropropane                            | 8.60                                             |                    | "     | 10.0           | ND                | 86.0 | 77.1-140                        |          | 3.09  | 28           |          |
| 1,2,4-Trichlorobenzene                            | 10.6                                             |                    | "     | 10.0           | ND                | 106  | 69.8-135                        |          | 0.282 | 22.5         |          |
| 1,2,4-Trimethylbenzene                            | 9.72                                             |                    | "     | 10.0           | ND                | 97.2 | 79.4-131                        |          | 0.718 | 33.9         |          |
| 1,2-Dibromo-3-chloropropane                       | 9.58                                             |                    | "     | 10.0           | ND                | 95.8 | 66.6-143                        |          | 13.1  | 23.3         |          |
| 1,2-Dibromoethane                                 | 10.0                                             |                    | "     | 10.0           | ND                | 100  | 79.8-136                        |          | 3.42  | 19.1         |          |
| 1,2-Dichlorobenzene                               | 9.18                                             |                    | "     | 10.0           | ND                | 91.8 | 79.9-130                        |          | 0.760 | 23.2         |          |
| 1,2-Dichloroethane                                | 9.16                                             |                    | "     | 10.0           | ND                | 91.6 | 85-133                          |          | 8.17  | 19.1         |          |
| 1,2-Dichloropropane                               | 9.82                                             |                    | "     | 10.0           | ND                | 98.2 | 81.1-132                        |          | 3.60  | 19.9         |          |
| 1,3,5-Trimethylbenzene                            | 9.69                                             |                    | "     | 10.0           | ND                | 96.9 | 76.1-121                        |          | 0.725 | 31.2         |          |
| 1,3-Dichlorobenzene                               | 9.15                                             |                    | "     | 10.0           | ND                | 91.5 | 79.1-124                        |          | 1.09  | 22.6         |          |
| 1,3-Dichloropropane                               | 9.23                                             |                    | "     | 10.0           | ND                | 92.3 | 83.3-130                        |          | 2.99  | 20.9         |          |
| 1,4-Dichlorobenzene                               | 9.22                                             |                    | "     | 10.0           | ND                | 92.2 | 79.4-128                        |          | 0.649 | 21           |          |
| 2,2-Dichloropropane                               | 8.43                                             |                    | "     | 10.0           | ND                | 84.3 | 54.2-126                        |          | 4.07  | 24.5         |          |
| 2-Chlorotoluene                                   | 9.20                                             |                    | "     | 10.0           | ND                | 92.0 | 60.2-144                        |          | 1.87  | 30.8         |          |
| 2-Hexanone                                        | 9.19                                             |                    | "     | 10.0           | ND                | 91.9 | 70-130                          |          | 14.8  | 30           |          |
| 4-Chlorotoluene                                   | 9.02                                             |                    | "     | 10.0           | ND                | 90.2 | 79.8-128                        |          | 0.332 | 23.2         |          |
| Acetone                                           | 2.57                                             |                    | "     | 10.0           | 0.970             | 16.0 | 70-130                          | Low Bias | 50.5  | 30           | Non-dir. |
| Benzene                                           | 9.63                                             |                    | "     | 10.0           | ND                | 96.3 | 74.1-134                        |          | 2.56  | 20.8         |          |
| Bromobenzene                                      | 8.97                                             |                    | "     | 10.0           | ND                | 89.7 | 76.6-125                        |          | 0.445 | 23           |          |
| Bromochloromethane                                | 9.11                                             |                    | "     | 10.0           | ND                | 91.1 | 85-133                          |          | 6.07  | 18.4         |          |
| Bromodichloromethane                              | 9.78                                             |                    | "     | 10.0           | ND                | 97.8 | 80.8-143                        |          | 4.79  | 18.1         |          |
| Bromoform                                         | 8.88                                             |                    | "     | 10.0           | ND                | 88.8 | 65.8-164                        |          | 4.14  | 27.3         |          |
| Bromomethane                                      | 7.90                                             |                    | "     | 10.0           | ND                | 79.0 | 68.7-112                        |          | 11.1  | 22.8         |          |
| Carbon tetrachloride                              | 12.2                                             |                    | "     | 10.0           | ND                | 122  | 85.7-138                        |          | 0.573 | 25.1         |          |
| Chlorobenzene                                     | 9.67                                             |                    | "     | 10.0           | ND                | 96.7 | 79.9-129                        |          | 2.25  | 21           |          |
| Chloroethane                                      | 8.76                                             |                    | "     | 10.0           | ND                | 87.6 | 74.7-127                        |          | 6.09  | 23.7         |          |
| Chloroform                                        | 9.19                                             |                    | "     | 10.0           | ND                | 91.9 | 50.6-145                        |          | 5.81  | 21.7         |          |
| Chloromethane                                     | 6.93                                             |                    | "     | 10.0           | ND                | 69.3 | 64-111                          |          | 11.4  | 21.4         |          |
| cis-1,2-Dichloroethylene                          | 9.43                                             |                    | "     | 10.0           | ND                | 94.3 | 75.5-129                        |          | 1.79  | 20.2         |          |
| cis-1,3-Dichloropropylene                         | 8.91                                             |                    | "     | 10.0           | ND                | 89.1 | 74.3-128                        |          | 3.74  | 19.8         |          |
| Dibromochloromethane                              | 9.37                                             |                    | "     | 10.0           | ND                | 93.7 | 76.8-150                        |          | 4.49  | 20.8         |          |
| Dibromomethane                                    | 9.42                                             |                    | "     | 10.0           | ND                | 94.2 | 83.3-140                        |          | 7.76  | 20.4         |          |
| Dichlorodifluoromethane                           | 6.17                                             |                    | "     | 10.0           | ND                | 61.7 | 51-100                          |          | 139   | 27.6         | Non-dir. |
| Ethyl Benzene                                     | 10.3                                             |                    | "     | 10.0           | ND                | 103  | 82.9-127                        |          | 0.772 | 21.4         |          |
| Hexachlorobutadiene                               | 10.2                                             |                    | "     | 10.0           | ND                | 102  | 73-128                          |          | 2.19  | 26           |          |
| Isopropylbenzene                                  | 10.0                                             |                    | "     | 10.0           | ND                | 100  | 78.7-131                        |          | 2.52  | 26.7         |          |
| Methyl tert-butyl ether (MTBE)                    | 10.8                                             |                    | "     | 10.0           | 0.110             | 107  | 81.2-134                        |          | 8.26  | 21.2         |          |
| Methylene chloride                                | 7.58                                             |                    | "     | 10.0           | 1.33              | 62.5 | 57.8-103                        |          | 7.84  | 21.2         |          |
| Naphthalene                                       | 9.94                                             |                    | "     | 10.0           | ND                | 99.4 | 80.1-122                        |          | 23.2  | 26.1         |          |
| n-Butylbenzene                                    | 9.69                                             |                    | "     | 10.0           | ND                | 96.9 | 72.4-120                        |          | 1.25  | 30.8         |          |
| n-Propylbenzene                                   | 9.32                                             |                    | "     | 10.0           | ND                | 93.2 | 74-130                          |          | 1.62  | 31           |          |
| o-Xylene                                          | 9.47                                             |                    | "     | 10.0           | ND                | 94.7 | 78.8-122                        |          | 3.43  | 21           |          |
| p- & m- Xylenes                                   | 20.1                                             |                    | "     | 20.0           | ND                | 101  | 82.5-123                        |          | 1.53  | 22.5         |          |
| p-Isopropyltoluene                                | 9.78                                             |                    | "     | 10.0           | ND                | 97.8 | 64.9-132                        |          | 0.513 | 25.2         |          |

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

## Batch BC20948 - EPA 5030B

| Matrix Spike Dup (BC20948-MSD1)  |      | *Source sample: 12C0758-06 (WQ31912:1150NP1-1-7) |      |      |       |      | Prepared & Analyzed: 03/23/2012 |  |       |      |  |
|----------------------------------|------|--------------------------------------------------|------|------|-------|------|---------------------------------|--|-------|------|--|
| sec-Butylbenzene                 | 9.57 |                                                  | ug/L | 10.0 | ND    | 95.7 | 25.4-151                        |  | 1.69  | 25.2 |  |
| Styrene                          | 9.47 |                                                  | "    | 10.0 | ND    | 94.7 | 74.1-134                        |  | 4.54  | 20   |  |
| tert-Butylbenzene                | 10.3 |                                                  | "    | 10.0 | ND    | 103  | 79.5-171                        |  | 0.966 | 24.8 |  |
| Tetrachloroethylene              | 12.2 |                                                  | "    | 10.0 | 2.19  | 100  | 72.5-130                        |  | 0.199 | 22.7 |  |
| Toluene                          | 9.67 |                                                  | "    | 10.0 | ND    | 96.7 | 77.8-121                        |  | 3.05  | 21.5 |  |
| trans-1,2-Dichloroethylene       | 9.47 |                                                  | "    | 10.0 | ND    | 94.7 | 83.8-140                        |  | 6.04  | 20.1 |  |
| trans-1,3-Dichloropropylene      | 9.41 |                                                  | "    | 10.0 | ND    | 94.1 | 74.9-136                        |  | 2.93  | 22.5 |  |
| Trichloroethylene                | 9.79 |                                                  | "    | 10.0 | 0.120 | 96.7 | 84.4-125                        |  | 2.85  | 20.7 |  |
| Trichlorofluoromethane           | 9.52 |                                                  | "    | 10.0 | ND    | 95.2 | 78.7-127                        |  | 2.28  | 24.7 |  |
| Vinyl Chloride                   | 8.55 |                                                  | "    | 10.0 | ND    | 85.5 | 72.1-116                        |  | 4.68  | 24.9 |  |
| Surrogate: 1,2-Dichloroethane-d4 | 9.18 |                                                  | "    | 10.0 |       | 91.8 | 72.6-129                        |  |       |      |  |
| Surrogate: p-Bromofluorobenzene  | 9.83 |                                                  | "    | 10.0 |       | 98.3 | 63.5-145                        |  |       |      |  |
| Surrogate: Toluene-d8            | 10.0 |                                                  | "    | 10.0 |       | 100  | 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.

Corrective Action:

## 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. 12C0758

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                       |  |                                                                                                                                                         |  |                                                                                                             |  |                                                                                                                                                                                          |  |                                                                                                                                                                                                                       |  |                |  |                |  |                          |  |                      |  |                          |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------|--|----------------|--|--------------------------|--|----------------------|--|--------------------------|--|
| <b>Client Information</b><br>Company: <u>LBG</u><br>Address: <u>4 Research Drive,</u><br><u>Suite 301, Shelton CT, 06484</u><br>Phone no.: <u>203-929-8555</u><br>Contact Person: <u>Tunde Sandor</u><br>E-mail Address: <u>tsandor@lbgct.com</u><br>FAX No.: <u>203-926-9140</u>                                                                                                                                                                                                                                                                                                                                                                           |  | <b>Report to:</b><br>SAME <input type="checkbox"/> Tunde Sandor<br>Name: _____<br>Company: _____<br>Address: _____<br>E-mail: _____<br>Fax No.: _____ |  | <b>Invoice To:</b><br>SAME <input type="checkbox"/> Mark Goldberg<br>Name: _____<br>Company: _____<br>Address: _____<br>E-mail: _____<br>Fax No.: _____ |  | <b>Client Project ID</b><br>Rowe Industries<br>Purchase Order no. _____<br>NABSAG<br>Samples from: CT_NY_NJ |  | <b>Turn-Around Time</b><br>RUSH Same Day<br>RUSH Next Day<br>RUSH Two Day<br>RUSH Three Day<br>RUSH Four Day<br>Standard (5-7 days) <input checked="" type="checkbox"/> X<br>OTHER _____ |  | <b>Report Type/Deliverables</b><br>Summary <input checked="" type="checkbox"/> x, pdf<br>QA/QC Summary <input checked="" type="checkbox"/> x, pdf<br>CT RCP Pkg<br>ASP A Pkg<br>ASP B Pkg<br>Excel<br>EDD<br>X, Excel |  |                |  |                |  |                          |  |                      |  |                          |  |
| <p><b>Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in until the turnaround time clock has not begun until any questions by York are resolved.</b></p> <p>Matrix Codes:<br/>                     S - soil<br/>                     Other - specify (oil, etc.)<br/>                     W/W - wastewater<br/>                     GW - groundwater<br/>                     DW - drinking water<br/>                     Air-A - ambient air<br/>                     Air-SV - soil vapor</p> <p>Samples Collected/Authorized By (Signature)<br/> <u>STEPHEN ANAT</u><br/>                     Name (printed)</p> |  |                                                                                                                                                       |  |                                                                                                                                                         |  |                                                                                                             |  |                                                                                                                                                                                          |  |                                                                                                                                                                                                                       |  |                |  |                |  |                          |  |                      |  |                          |  |
| <b>Choose Analyses Needed from the Menu Above and Enter Below</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                       |  |                                                                                                                                                         |  |                                                                                                             |  |                                                                                                                                                                                          |  |                                                                                                                                                                                                                       |  |                |  |                |  |                          |  |                      |  |                          |  |
| Sample Identification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | Date Sampled                                                                                                                                          |  | Sample Matrix                                                                                                                                           |  | Volatiles                                                                                                   |  | Semi-Vols.                                                                                                                                                                               |  | Metals                                                                                                                                                                                                                |  | Misc. Org.     |  | Full Lists     |  | Miscellaneous Parameters |  | Special Instructions |  | Container Description(s) |  |
| WQ31512:1100NFI-1-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 3/19/12 1100                                                                                                                                          |  | GW                                                                                                                                                      |  | 8260 full list                                                                                              |  | 8260 full list                                                                                                                                                                           |  | 8260 full list                                                                                                                                                                                                        |  | 8260 full list |  | 8260 full list |  | 8260 full list           |  | 8260 full list       |  | 2 ✓                      |  |
| WQ31512:1110NFI-1-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 1110                                                                                                                                                  |  | GW                                                                                                                                                      |  | 8260 full list                                                                                              |  | 8260 full list                                                                                                                                                                           |  | 8260 full list                                                                                                                                                                                                        |  | 8260 full list |  | 8260 full list |  | 8260 full list           |  | 8260 full list       |  |                          |  |
| WQ31512:1120NFI-1-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 1120                                                                                                                                                  |  | GW                                                                                                                                                      |  | 8260 full list                                                                                              |  | 8260 full list                                                                                                                                                                           |  | 8260 full list                                                                                                                                                                                                        |  | 8260 full list |  | 8260 full list |  | 8260 full list           |  | 8260 full list       |  |                          |  |
| WQ31512:1130NFI-1-5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 1130                                                                                                                                                  |  | GW                                                                                                                                                      |  | 8260 full list                                                                                              |  | 8260 full list                                                                                                                                                                           |  | 8260 full list                                                                                                                                                                                                        |  | 8260 full list |  | 8260 full list |  | 8260 full list           |  | 8260 full list       |  |                          |  |
| WQ31512:1140NFI-1-6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 1140                                                                                                                                                  |  | GW                                                                                                                                                      |  | 8260 full list                                                                                              |  | 8260 full list                                                                                                                                                                           |  | 8260 full list                                                                                                                                                                                                        |  | 8260 full list |  | 8260 full list |  | 8260 full list           |  | 8260 full list       |  |                          |  |
| WQ31512:1150NFI-1-7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 1150                                                                                                                                                  |  | GW                                                                                                                                                      |  | 8260 full list                                                                                              |  | 8260 full list                                                                                                                                                                           |  | 8260 full list                                                                                                                                                                                                        |  | 8260 full list |  | 8260 full list |  | 8260 full list           |  | 8260 full list       |  |                          |  |
| WQ31512:1150NFI-1-7 MS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 1150                                                                                                                                                  |  | GW                                                                                                                                                      |  | 8260 full list                                                                                              |  | 8260 full list                                                                                                                                                                           |  | 8260 full list                                                                                                                                                                                                        |  | 8260 full list |  | 8260 full list |  | 8260 full list           |  | 8260 full list       |  |                          |  |
| WQ31512:1150NFI-1-7 MSD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 1150                                                                                                                                                  |  | GW                                                                                                                                                      |  | 8260 full list                                                                                              |  | 8260 full list                                                                                                                                                                           |  | 8260 full list                                                                                                                                                                                                        |  | 8260 full list |  | 8260 full list |  | 8260 full list           |  | 8260 full list       |  |                          |  |
| WQ31512:1200NFI-1-8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 1200                                                                                                                                                  |  | GW                                                                                                                                                      |  | 8260 full list                                                                                              |  | 8260 full list                                                                                                                                                                           |  | 8260 full list                                                                                                                                                                                                        |  | 8260 full list |  | 8260 full list |  | 8260 full list           |  | 8260 full list       |  |                          |  |
| WQ31512:1210NFI-1-5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 1210                                                                                                                                                  |  | GW                                                                                                                                                      |  | 8260 full list                                                                                              |  | 8260 full list                                                                                                                                                                           |  | 8260 full list                                                                                                                                                                                                        |  | 8260 full list |  | 8260 full list |  | 8260 full list           |  | 8260 full list       |  |                          |  |
| Comments: <u>WQ31512:1210NFI-1-5</u><br>Preservation "X" those applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                       |  |                                                                                                                                                         |  |                                                                                                             |  |                                                                                                                                                                                          |  |                                                                                                                                                                                                                       |  |                |  |                |  |                          |  |                      |  |                          |  |
| Samples Relinquished By <u>Donna Lee</u> Date/Time <u>3/21/12 12:14</u><br>Samples Received By <u>Steph</u> Date/Time <u>3/21/12 16:00</u><br>Samples Relinquished By _____ Date/Time _____<br>Samples Received in LAB by _____ Date/Time _____                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                       |  |                                                                                                                                                         |  |                                                                                                             |  |                                                                                                                                                                                          |  |                                                                                                                                                                                                                       |  |                |  |                |  |                          |  |                      |  |                          |  |
| Temperature on Receipt <u>4.4</u> °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                       |  |                                                                                                                                                         |  |                                                                                                             |  |                                                                                                                                                                                          |  |                                                                                                                                                                                                                       |  |                |  |                |  |                          |  |                      |  |                          |  |

# Technical Report

prepared for:

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

Report Date: 03/29/2012  
**Client Project ID: Rowe Industries**  
York Project (SDG) No.: 12C0759

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 03/29/2012  
Client Project ID: Rowe Industries  
York Project (SDG) No.: 12C0759

**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 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.

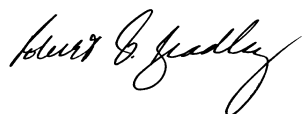
Please contact Client Services at 203.325.1371 with any questions regarding this report.

| <u>York Sample ID</u> | <u>Client Sample ID</u> | <u>Matrix</u> | <u>Date Collected</u> | <u>Date Received</u> |
|-----------------------|-------------------------|---------------|-----------------------|----------------------|
| 12C0759-01            | WQ31912:1230FRW-1       | Water         | 03/19/2012            | 03/21/2012           |
| 12C0759-02            | WQ31912:1235FRW-2       | Water         | 03/19/2012            | 03/21/2012           |
| 12C0759-03            | WQ31912:1240FRW-3       | Water         | 03/19/2012            | 03/21/2012           |
| 12C0759-04            | WQ31912:1245FRW-4       | Water         | 03/19/2012            | 03/21/2012           |

## General Notes for York Project (SDG) No.: 12C0759

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: 03/29/2012

Robert Q. Bradley  
Executive Vice President / Laboratory Director

**YORK**

### Sample Information

**Client Sample ID:** WQ31912:1230FRW-1

**York Sample ID:** 12C0759-01

York Project (SDG) No.  
12C0759

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 12:30 pm

Date Received  
03/21/2012

**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  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 71-55-6  | <b>1,1,1-Trichloroethane</b>                         | <b>0.24</b> | J    | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND          |      | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND          |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 591-78-6 | 2-Hexanone                                           | ND          |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 106-43-4 | 4-Chlorotoluene                                      | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 67-64-1  | Acetone                                              | ND          |      | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 71-43-2  | Benzene                                              | ND          |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 108-86-1 | Bromobenzene                                         | ND          |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 74-97-5  | Bromochloromethane                                   | ND          |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 75-27-4  | Bromodichloromethane                                 | ND          |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 75-25-2  | Bromoform                                            | ND          |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 74-83-9  | Bromomethane                                         | ND          |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 56-23-5  | Carbon tetrachloride                                 | ND          |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 108-90-7 | Chlorobenzene                                        | ND          |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |

### Sample Information

**Client Sample ID:** WQ31912:1230FRW-1

**York Sample ID:** 12C0759-01

York Project (SDG) No.  
12C0759

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 12:30 pm

Date Received  
03/21/2012

#### 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  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 67-66-3                     | Chloroform                       | ND            |                         | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 74-87-3                     | Chloromethane                    | ND            |                         | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 156-59-2                    | <b>cis-1,2-Dichloroethylene</b>  | <b>3.0</b>    |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 10061-01-5                  | cis-1,3-Dichloropropylene        | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 124-48-1                    | Dibromochloromethane             | ND            |                         | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 74-95-3                     | Dibromomethane                   | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 75-71-8                     | Dichlorodifluoromethane          | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 100-41-4                    | Ethyl Benzene                    | ND            |                         | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 87-68-3                     | Hexachlorobutadiene              | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 98-82-8                     | Isopropylbenzene                 | ND            |                         | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)   | ND            |                         | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>        | <b>1.5</b>    | J, B                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 91-20-3                     | <b>Naphthalene</b>               | <b>0.12</b>   | J                       | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 1330-20-7P/M                | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 127-18-4                    | <b>Tetrachloroethylene</b>       | <b>37</b>     |                         | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 79-01-6                     | <b>Trichloroethylene</b>         | <b>1.0</b>    |                         | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 75-01-4                     | Vinyl Chloride                   | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 14:50   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 94.7 %        | 72.6-129                |       |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 93.3 %        | 63.5-145                |       |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 105 %         | 81.2-127                |       |       |      |          |                  |                    |                    |         |

### Sample Information

**Client Sample ID:** WQ31912:1235FRW-2

**York Sample ID:** 12C0759-02

York Project (SDG) No.  
12C0759

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 12:35 pm

Date Received  
03/21/2012

**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  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND          |      | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND          |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | 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  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 75-34-3  | 1,1-Dichloroethane                                | ND          |      | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 75-35-4  | 1,1-Dichloroethylene                              | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                             | ND          |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND          |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND          |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND          |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND          |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND          |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                 | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND          |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 78-87-5  | 1,2-Dichloropropane                               | ND          |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND          |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND          |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 142-28-9 | 1,3-Dichloropropane                               | ND          |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND          |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 594-20-7 | 2,2-Dichloropropane                               | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 95-49-8  | 2-Chlorotoluene                                   | ND          |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 591-78-6 | 2-Hexanone                                        | ND          |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 106-43-4 | 4-Chlorotoluene                                   | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 67-64-1  | Acetone                                           | ND          |      | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 71-43-2  | <b>Benzene</b>                                    | <b>0.10</b> | J    | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 108-86-1 | Bromobenzene                                      | ND          |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 74-97-5  | Bromochloromethane                                | ND          |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 75-27-4  | Bromodichloromethane                              | ND          |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 75-25-2  | Bromoform                                         | ND          |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 74-83-9  | Bromomethane                                      | ND          |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 56-23-5  | Carbon tetrachloride                              | ND          |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 108-90-7 | Chlorobenzene                                     | ND          |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |

### Sample Information

**Client Sample ID:** WQ31912:1235FRW-2

**York Sample ID:** 12C0759-02

York Project (SDG) No.  
12C0759

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 12:35 pm

Date Received  
03/21/2012

**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  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 67-66-3                     | Chloroform                       | ND            |                         | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 74-87-3                     | Chloromethane                    | ND            |                         | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 156-59-2                    | <b>cis-1,2-Dichloroethylene</b>  | <b>4.6</b>    |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 10061-01-5                  | cis-1,3-Dichloropropylene        | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 124-48-1                    | Dibromochloromethane             | ND            |                         | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 74-95-3                     | Dibromomethane                   | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 75-71-8                     | Dichlorodifluoromethane          | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 100-41-4                    | Ethyl Benzene                    | ND            |                         | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 87-68-3                     | Hexachlorobutadiene              | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 98-82-8                     | Isopropylbenzene                 | ND            |                         | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)   | ND            |                         | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>        | <b>1.8</b>    | J, B                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 1330-20-7P/M                | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 127-18-4                    | <b>Tetrachloroethylene</b>       | <b>25</b>     |                         | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 79-01-6                     | <b>Trichloroethylene</b>         | <b>1.8</b>    |                         | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 75-01-4                     | <b>Vinyl Chloride</b>            | <b>0.10</b>   | J                       | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:14   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 98.5 %        | 72.6-129                |       |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 92.0 %        | 63.5-145                |       |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 103 %         | 81.2-127                |       |       |      |          |                  |                    |                    |         |

### Sample Information

**Client Sample ID:** WQ31912:1240FRW-3

**York Sample ID:** 12C0759-03

York Project (SDG) No.  
12C0759

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 12:40 pm

Date Received  
03/21/2012

**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  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND          |      | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND          |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | 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  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 75-34-3  | 1,1-Dichloroethane                                | ND          |      | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 75-35-4  | 1,1-Dichloroethylene                              | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                             | ND          |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND          |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND          |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND          |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND          |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND          |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                 | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND          |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 78-87-5  | 1,2-Dichloropropane                               | ND          |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 108-67-8 | <b>1,3,5-Trimethylbenzene</b>                     | <b>0.19</b> | J    | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND          |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 142-28-9 | 1,3-Dichloropropane                               | ND          |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND          |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 594-20-7 | 2,2-Dichloropropane                               | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 95-49-8  | 2-Chlorotoluene                                   | ND          |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 591-78-6 | 2-Hexanone                                        | ND          |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 106-43-4 | 4-Chlorotoluene                                   | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 67-64-1  | Acetone                                           | ND          |      | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 71-43-2  | Benzene                                           | ND          |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 108-86-1 | Bromobenzene                                      | ND          |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 74-97-5  | Bromochloromethane                                | ND          |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 75-27-4  | Bromodichloromethane                              | ND          |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 75-25-2  | Bromoform                                         | ND          |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 74-83-9  | Bromomethane                                      | ND          |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 56-23-5  | Carbon tetrachloride                              | ND          |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 108-90-7 | Chlorobenzene                                     | ND          |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |

### Sample Information

**Client Sample ID:** WQ31912:1240FRW-3

**York Sample ID:** 12C0759-03

York Project (SDG) No.  
12C0759

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 12:40 pm

Date Received  
03/21/2012

#### 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  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 67-66-3                     | Chloroform                       | ND            |                         | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 74-87-3                     | Chloromethane                    | ND            |                         | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 156-59-2                    | <b>cis-1,2-Dichloroethylene</b>  | <b>4.0</b>    |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 10061-01-5                  | cis-1,3-Dichloropropylene        | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 124-48-1                    | Dibromochloromethane             | ND            |                         | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 74-95-3                     | Dibromomethane                   | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 75-71-8                     | Dichlorodifluoromethane          | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 100-41-4                    | <b>Ethyl Benzene</b>             | <b>0.18</b>   | J                       | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 87-68-3                     | Hexachlorobutadiene              | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 98-82-8                     | <b>Isopropylbenzene</b>          | <b>1.7</b>    |                         | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)   | ND            |                         | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>        | <b>1.5</b>    | J, B                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 91-20-3                     | <b>Naphthalene</b>               | <b>0.12</b>   | J                       | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 103-65-1                    | <b>n-Propylbenzene</b>           | <b>0.97</b>   |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 1330-20-7P/M                | <b>p- &amp; m- Xylenes</b>       | <b>0.15</b>   | J                       | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 99-87-6                     | <b>p-Isopropyltoluene</b>        | <b>0.17</b>   | J                       | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 135-98-8                    | <b>sec-Butylbenzene</b>          | <b>0.11</b>   | J                       | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 127-18-4                    | <b>Tetrachloroethylene</b>       | <b>12</b>     |                         | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 108-88-3                    | <b>Toluene</b>                   | <b>0.11</b>   | J                       | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 79-01-6                     | <b>Trichloroethylene</b>         | <b>1.1</b>    |                         | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 75-01-4                     | <b>Vinyl Chloride</b>            | <b>0.14</b>   | J                       | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| 1330-20-7                   | <b>Xylenes, Total</b>            | <b>0.15</b>   | J                       | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 16:57   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 97.3 %        | 72.6-129                |       |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 90.1 %        | 63.5-145                |       |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 113 %         | 81.2-127                |       |       |      |          |                  |                    |                    |         |

### Sample Information

**Client Sample ID:** WQ31912:1245FRW-4

**York Sample ID:** 12C0759-04

York Project (SDG) No.  
12C0759

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 12:45 pm

Date Received  
03/21/2012

**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  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 71-55-6  | <b>1,1,1-Trichloroethane</b>                         | <b>0.14</b> | J    | ug/L  | 0.043 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                            | ND          |      | ug/L  | 0.078 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 79-00-5  | 1,1,2-Trichloroethane                                | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 75-34-3  | 1,1-Dichloroethane                                   | ND          |      | ug/L  | 0.056 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 75-35-4  | 1,1-Dichloroethylene                                 | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 563-58-6 | 1,1-Dichloropropylene                                | ND          |      | ug/L  | 0.077 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 87-61-6  | 1,2,3-Trichlorobenzene                               | ND          |      | ug/L  | 0.082 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 96-18-4  | 1,2,3-Trichloropropane                               | ND          |      | ug/L  | 0.26  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 120-82-1 | 1,2,4-Trichlorobenzene                               | ND          |      | ug/L  | 0.067 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 95-63-6  | 1,2,4-Trimethylbenzene                               | ND          |      | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                          | ND          |      | ug/L  | 0.48  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 106-93-4 | 1,2-Dibromoethane                                    | ND          |      | ug/L  | 0.096 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 95-50-1  | 1,2-Dichlorobenzene                                  | ND          |      | ug/L  | 0.065 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 107-06-2 | 1,2-Dichloroethane                                   | ND          |      | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 78-87-5  | 1,2-Dichloropropane                                  | ND          |      | ug/L  | 0.069 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 108-67-8 | 1,3,5-Trimethylbenzene                               | ND          |      | ug/L  | 0.038 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 541-73-1 | 1,3-Dichlorobenzene                                  | ND          |      | ug/L  | 0.050 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 142-28-9 | 1,3-Dichloropropane                                  | ND          |      | ug/L  | 0.074 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 106-46-7 | 1,4-Dichlorobenzene                                  | ND          |      | ug/L  | 0.037 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 594-20-7 | 2,2-Dichloropropane                                  | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 95-49-8  | 2-Chlorotoluene                                      | ND          |      | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 591-78-6 | 2-Hexanone                                           | ND          |      | ug/L  | 0.089 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 106-43-4 | 4-Chlorotoluene                                      | ND          |      | ug/L  | 0.057 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 67-64-1  | <b>Acetone</b>                                       | <b>1.2</b>  | J, B | ug/L  | 1.1   | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 71-43-2  | Benzene                                              | ND          |      | ug/L  | 0.039 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 108-86-1 | Bromobenzene                                         | ND          |      | ug/L  | 0.079 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 74-97-5  | Bromochloromethane                                   | ND          |      | ug/L  | 0.092 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 75-27-4  | Bromodichloromethane                                 | ND          |      | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 75-25-2  | Bromoform                                            | ND          |      | ug/L  | 0.10  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 74-83-9  | Bromomethane                                         | ND          |      | ug/L  | 0.19  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 56-23-5  | Carbon tetrachloride                                 | ND          |      | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 108-90-7 | Chlorobenzene                                        | ND          |      | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |

### Sample Information

**Client Sample ID:** WQ31912:1245FRW-4

**York Sample ID:** 12C0759-04

York Project (SDG) No.  
12C0759

Client Project ID  
Rowe Industries

Matrix  
Water

Collection Date/Time  
March 19, 2012 12:45 pm

Date Received  
03/21/2012

**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  | 0.094 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 67-66-3                     | Chloroform                       | ND            |                         | ug/L  | 0.051 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 74-87-3                     | Chloromethane                    | ND            |                         | ug/L  | 0.045 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 156-59-2                    | <b>cis-1,2-Dichloroethylene</b>  | <b>6.8</b>    |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 10061-01-5                  | cis-1,3-Dichloropropylene        | ND            |                         | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 124-48-1                    | Dibromochloromethane             | ND            |                         | ug/L  | 0.040 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 74-95-3                     | Dibromomethane                   | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 75-71-8                     | Dichlorodifluoromethane          | ND            |                         | ug/L  | 0.12  | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 100-41-4                    | Ethyl Benzene                    | ND            |                         | ug/L  | 0.036 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 87-68-3                     | Hexachlorobutadiene              | ND            |                         | ug/L  | 0.052 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 98-82-8                     | <b>Isopropylbenzene</b>          | <b>0.16</b>   | J                       | ug/L  | 0.090 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)   | ND            |                         | ug/L  | 0.081 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 75-09-2                     | <b>Methylene chloride</b>        | <b>1.6</b>    | J, B                    | ug/L  | 0.12  | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 91-20-3                     | Naphthalene                      | ND            |                         | ug/L  | 0.040 | 2.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 104-51-8                    | n-Butylbenzene                   | ND            |                         | ug/L  | 0.028 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 103-65-1                    | n-Propylbenzene                  | ND            |                         | ug/L  | 0.075 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 95-47-6                     | o-Xylene                         | ND            |                         | ug/L  | 0.031 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 1330-20-7P/M                | p- & m- Xylenes                  | ND            |                         | ug/L  | 0.086 | 1.0  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 99-87-6                     | p-Isopropyltoluene               | ND            |                         | ug/L  | 0.072 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 135-98-8                    | sec-Butylbenzene                 | ND            |                         | ug/L  | 0.066 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 100-42-5                    | Styrene                          | ND            |                         | ug/L  | 0.030 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 98-06-6                     | tert-Butylbenzene                | ND            |                         | ug/L  | 0.046 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 127-18-4                    | <b>Tetrachloroethylene</b>       | <b>22</b>     |                         | ug/L  | 0.054 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 108-88-3                    | Toluene                          | ND            |                         | ug/L  | 0.063 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 156-60-5                    | trans-1,2-Dichloroethylene       | ND            |                         | ug/L  | 0.055 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 10061-02-6                  | trans-1,3-Dichloropropylene      | ND            |                         | ug/L  | 0.044 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 79-01-6                     | <b>Trichloroethylene</b>         | <b>1.2</b>    |                         | ug/L  | 0.067 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 75-69-4                     | Trichlorofluoromethane           | ND            |                         | ug/L  | 0.035 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 75-01-4                     | <b>Vinyl Chloride</b>            | <b>0.11</b>   | J                       | ug/L  | 0.060 | 0.50 | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| 1330-20-7                   | Xylenes, Total                   | ND            |                         | ug/L  | 0.12  | 1.5  | 1        | EPA SW846-8260B  | 03/23/2012 08:58   | 03/23/2012 17:39   | SS      |
| <b>Surrogate Recoveries</b> |                                  | <b>Result</b> | <b>Acceptance Range</b> |       |       |      |          |                  |                    |                    |         |
| 17060-07-0                  | Surrogate: 1,2-Dichloroethane-d4 | 95.2 %        | 72.6-129                |       |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene  | 91.6 %        | 63.5-145                |       |       |      |          |                  |                    |                    |         |
| 2037-26-5                   | Surrogate: Toluene-d8            | 118 %         | 81.2-127                |       |       |      |          |                  |                    |                    |         |

## Analytical Batch Summary

**Batch ID:** BC20947

**Preparation Method:** EPA 5030B

**Prepared By:** VRL

| YORK Sample ID | Client Sample ID  | Preparation Date |
|----------------|-------------------|------------------|
| 12C0759-01     | WQ31912:1230FRW-1 | 03/23/12         |
| 12C0759-02     | WQ31912:1235FRW-2 | 03/23/12         |
| 12C0759-03     | WQ31912:1240FRW-3 | 03/23/12         |
| 12C0759-04     | WQ31912:1245FRW-4 | 03/23/12         |
| BC20947-BLK1   | Blank             | 03/23/12         |
| BC20947-BS1    | LCS               | 03/23/12         |
| BC20947-BSD1   | LCS Dup           | 03/23/12         |

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

**York Analytical Laboratories, Inc.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20947 - EPA 5030B**

**Blank (BC20947-BLK1)**

Prepared & Analyzed: 03/23/2012

|                                                   |     |      |      |
|---------------------------------------------------|-----|------|------|
| 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                                           | 1.5 | 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                                | 2.9 | 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 | "    |

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

### York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

#### Batch BC20947 - EPA 5030B

##### Blank (BC20947-BLK1)

Prepared & Analyzed: 03/23/2012

|                             |    |      |      |
|-----------------------------|----|------|------|
| 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 | 9.74 | " | 10.0 | 97.4 | 72.6-129 |
| Surrogate: p-Bromofluorobenzene  | 9.71 | " | 10.0 | 97.1 | 63.5-145 |
| Surrogate: Toluene-d8            | 10.0 | " | 10.0 | 100  | 81.2-127 |

##### LCS (BC20947-BS1)

Prepared & Analyzed: 03/23/2012

|                                                   |      |      |      |      |          |
|---------------------------------------------------|------|------|------|------|----------|
| 1,1,1,2-Tetrachloroethane                         | 9.65 | ug/L | 10.0 | 96.5 | 82.3-130 |
| 1,1,1-Trichloroethane                             | 9.61 | "    | 10.0 | 96.1 | 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) | 9.23 | "    | 10.0 | 92.3 | 71.1-129 |
| 1,1,2-Trichloroethane                             | 9.66 | "    | 10.0 | 96.6 | 74.5-129 |
| 1,1-Dichloroethane                                | 10.0 | "    | 10.0 | 100  | 79.6-132 |
| 1,1-Dichloroethylene                              | 10.4 | "    | 10.0 | 104  | 80.2-146 |
| 1,1-Dichloropropylene                             | 10.5 | "    | 10.0 | 105  | 75-136   |
| 1,2,3-Trichlorobenzene                            | 9.76 | "    | 10.0 | 97.6 | 66.1-136 |
| 1,2,3-Trichloropropane                            | 9.00 | "    | 10.0 | 90.0 | 63-131   |
| 1,2,4-Trichlorobenzene                            | 10.1 | "    | 10.0 | 101  | 70.6-136 |
| 1,2,4-Trimethylbenzene                            | 9.85 | "    | 10.0 | 98.5 | 75.3-135 |
| 1,2-Dibromo-3-chloropropane                       | 10.1 | "    | 10.0 | 101  | 58.9-140 |
| 1,2-Dibromoethane                                 | 9.95 | "    | 10.0 | 99.5 | 79-130   |
| 1,2-Dichlorobenzene                               | 9.60 | "    | 10.0 | 96.0 | 76.1-122 |
| 1,2-Dichloroethane                                | 9.47 | "    | 10.0 | 94.7 | 74.6-132 |
| 1,2-Dichloropropane                               | 10.1 | "    | 10.0 | 101  | 76.9-129 |
| 1,3,5-Trimethylbenzene                            | 9.71 | "    | 10.0 | 97.1 | 70.6-127 |
| 1,3-Dichlorobenzene                               | 9.43 | "    | 10.0 | 94.3 | 77-124   |
| 1,3-Dichloropropane                               | 9.67 | "    | 10.0 | 96.7 | 75.8-126 |
| 1,4-Dichlorobenzene                               | 9.42 | "    | 10.0 | 94.2 | 76.6-125 |
| 2,2-Dichloropropane                               | 9.58 | "    | 10.0 | 95.8 | 69-133   |
| 2-Chlorotoluene                                   | 8.98 | "    | 10.0 | 89.8 | 66.3-119 |
| 2-Hexanone                                        | 10.3 | "    | 10.0 | 103  | 70-130   |
| 4-Chlorotoluene                                   | 9.37 | "    | 10.0 | 93.7 | 69.2-127 |
| Acetone                                           | 3.54 | "    | 10.0 | 35.4 | 70-130   |
| Benzene                                           | 9.79 | "    | 10.0 | 97.9 | 76.2-129 |
| Bromobenzene                                      | 9.22 | "    | 10.0 | 92.2 | 71.3-123 |
| Bromochloromethane                                | 10.0 | "    | 10.0 | 100  | 70.8-137 |
| Bromodichloromethane                              | 10.1 | "    | 10.0 | 101  | 79.7-134 |
| Bromoform                                         | 9.39 | "    | 10.0 | 93.9 | 70.5-141 |
| Bromomethane                                      | 8.31 | "    | 10.0 | 83.1 | 43.9-147 |
| Carbon tetrachloride                              | 10.1 | "    | 10.0 | 101  | 78.1-138 |
| Chlorobenzene                                     | 9.91 | "    | 10.0 | 99.1 | 80.4-125 |
| Chloroethane                                      | 9.97 | "    | 10.0 | 99.7 | 55.8-140 |
| Chloroform                                        | 9.49 | "    | 10.0 | 94.9 | 76.6-133 |
| Chloromethane                                     | 7.38 | "    | 10.0 | 73.8 | 48.8-115 |

Low Bias

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

**York Analytical Laboratories, Inc.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC20947 - EPA 5030B**

**LCS (BC20947-BS1)**

Prepared & Analyzed: 03/23/2012

|                                  |      |  |      |      |  |      |          |          |  |  |  |
|----------------------------------|------|--|------|------|--|------|----------|----------|--|--|--|
| cis-1,2-Dichloroethylene         | 9.68 |  | ug/L | 10.0 |  | 96.8 | 75.1-128 |          |  |  |  |
| cis-1,3-Dichloropropylene        | 9.56 |  | "    | 10.0 |  | 95.6 | 74.5-128 |          |  |  |  |
| Dibromochloromethane             | 9.58 |  | "    | 10.0 |  | 95.8 | 79.8-134 |          |  |  |  |
| Dibromomethane                   | 10.3 |  | "    | 10.0 |  | 103  | 79-130   |          |  |  |  |
| Dichlorodifluoromethane          | 7.91 |  | "    | 10.0 |  | 79.1 | 47.1-101 |          |  |  |  |
| Ethyl Benzene                    | 10.2 |  | "    | 10.0 |  | 102  | 80.8-128 |          |  |  |  |
| Hexachlorobutadiene              | 9.34 |  | "    | 10.0 |  | 93.4 | 64.8-128 |          |  |  |  |
| Isopropylbenzene                 | 9.98 |  | "    | 10.0 |  | 99.8 | 75.5-135 |          |  |  |  |
| Methyl tert-butyl ether (MTBE)   | 4.68 |  | "    | 10.0 |  | 46.8 | 65.1-140 | Low Bias |  |  |  |
| Methylene chloride               | 6.87 |  | "    | 10.0 |  | 68.7 | 61.3-120 |          |  |  |  |
| Naphthalene                      | 10.3 |  | "    | 10.0 |  | 103  | 62.3-148 |          |  |  |  |
| n-Butylbenzene                   | 9.68 |  | "    | 10.0 |  | 96.8 | 67.2-123 |          |  |  |  |
| n-Propylbenzene                  | 9.63 |  | "    | 10.0 |  | 96.3 | 70.5-127 |          |  |  |  |
| o-Xylene                         | 9.41 |  | "    | 10.0 |  | 94.1 | 75.9-122 |          |  |  |  |
| p- & m- Xylenes                  | 19.5 |  | "    | 20.0 |  | 97.4 | 77.7-127 |          |  |  |  |
| p-Isopropyltoluene               | 9.75 |  | "    | 10.0 |  | 97.5 | 75.6-129 |          |  |  |  |
| sec-Butylbenzene                 | 9.41 |  | "    | 10.0 |  | 94.1 | 71.5-125 |          |  |  |  |
| Styrene                          | 9.85 |  | "    | 10.0 |  | 98.5 | 77.8-123 |          |  |  |  |
| tert-Butylbenzene                | 9.39 |  | "    | 10.0 |  | 93.9 | 75.9-151 |          |  |  |  |
| Tetrachloroethylene              | 10.1 |  | "    | 10.0 |  | 101  | 63.6-167 |          |  |  |  |
| Toluene                          | 9.82 |  | "    | 10.0 |  | 98.2 | 77-123   |          |  |  |  |
| trans-1,2-Dichloroethylene       | 9.72 |  | "    | 10.0 |  | 97.2 | 76.3-139 |          |  |  |  |
| trans-1,3-Dichloropropylene      | 9.75 |  | "    | 10.0 |  | 97.5 | 72.5-137 |          |  |  |  |
| Trichloroethylene                | 10.0 |  | "    | 10.0 |  | 100  | 77.9-130 |          |  |  |  |
| Trichlorofluoromethane           | 9.37 |  | "    | 10.0 |  | 93.7 | 57.4-133 |          |  |  |  |
| Vinyl Chloride                   | 9.06 |  | "    | 10.0 |  | 90.6 | 54.9-124 |          |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 9.87 |  | "    | 10.0 |  | 98.7 | 72.6-129 |          |  |  |  |
| Surrogate: p-Bromofluorobenzene  | 9.79 |  | "    | 10.0 |  | 97.9 | 63.5-145 |          |  |  |  |
| Surrogate: Toluene-d8            | 10.0 |  | "    | 10.0 |  | 100  | 81.2-127 |          |  |  |  |

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

### York Analytical Laboratories, Inc.

| Analyte                                           | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC                            | %REC<br>Limits | Flag      | RPD    | RPD<br>Limit | Flag     |
|---------------------------------------------------|--------|--------------------|-------|----------------|-------------------|---------------------------------|----------------|-----------|--------|--------------|----------|
| <b>Batch BC20947 - EPA 5030B</b>                  |        |                    |       |                |                   |                                 |                |           |        |              |          |
| <b>LCS Dup (BC20947-BSD1)</b>                     |        |                    |       |                |                   | Prepared & Analyzed: 03/23/2012 |                |           |        |              |          |
| 1,1,1,2-Tetrachloroethane                         | 9.94   |                    | ug/L  | 10.0           |                   | 99.4                            | 82.3-130       |           | 2.96   | 21.1         |          |
| 1,1,1-Trichloroethane                             | 9.67   |                    | "     | 10.0           |                   | 96.7                            | 75.6-137       |           | 0.622  | 19.7         |          |
| 1,1,2,2-Tetrachloroethane                         | 8.67   |                    | "     | 10.0           |                   | 86.7                            | 71.3-131       |           | 7.12   | 20.8         |          |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 9.97   |                    | "     | 10.0           |                   | 99.7                            | 71.1-129       |           | 7.71   | 21.7         |          |
| 1,1,2-Trichloroethane                             | 9.73   |                    | "     | 10.0           |                   | 97.3                            | 74.5-129       |           | 0.722  | 20.3         |          |
| 1,1-Dichloroethane                                | 10.0   |                    | "     | 10.0           |                   | 100                             | 79.6-132       |           | 0.0999 | 20.6         |          |
| 1,1-Dichloroethylene                              | 10.9   |                    | "     | 10.0           |                   | 109                             | 80.2-146       |           | 4.42   | 20           |          |
| 1,1-Dichloropropylene                             | 12.7   |                    | "     | 10.0           |                   | 127                             | 75-136         |           | 19.6   | 19.3         | Non-dir. |
| 1,2,3-Trichlorobenzene                            | 9.89   |                    | "     | 10.0           |                   | 98.9                            | 66.1-136       |           | 1.32   | 21.6         |          |
| 1,2,3-Trichloropropane                            | 8.38   |                    | "     | 10.0           |                   | 83.8                            | 63-131         |           | 7.13   | 23.9         |          |
| 1,2,4-Trichlorobenzene                            | 10.4   |                    | "     | 10.0           |                   | 104                             | 70.6-136       |           | 3.22   | 21.7         |          |
| 1,2,4-Trimethylbenzene                            | 9.87   |                    | "     | 10.0           |                   | 98.7                            | 75.3-135       |           | 0.203  | 18.8         |          |
| 1,2-Dibromo-3-chloropropane                       | 9.52   |                    | "     | 10.0           |                   | 95.2                            | 58.9-140       |           | 5.62   | 27.7         |          |
| 1,2-Dibromoethane                                 | 10.0   |                    | "     | 10.0           |                   | 100                             | 79-130         |           | 0.701  | 23           |          |
| 1,2-Dichlorobenzene                               | 9.28   |                    | "     | 10.0           |                   | 92.8                            | 76.1-122       |           | 3.39   | 19.8         |          |
| 1,2-Dichloroethane                                | 9.33   |                    | "     | 10.0           |                   | 93.3                            | 74.6-132       |           | 1.49   | 20.2         |          |
| 1,2-Dichloropropane                               | 9.53   |                    | "     | 10.0           |                   | 95.3                            | 76.9-129       |           | 5.71   | 20.7         |          |
| 1,3,5-Trimethylbenzene                            | 9.63   |                    | "     | 10.0           |                   | 96.3                            | 70.6-127       |           | 0.827  | 18.9         |          |
| 1,3-Dichlorobenzene                               | 9.20   |                    | "     | 10.0           |                   | 92.0                            | 77-124         |           | 2.47   | 19.2         |          |
| 1,3-Dichloropropane                               | 9.15   |                    | "     | 10.0           |                   | 91.5                            | 75.8-126       |           | 5.53   | 22.1         |          |
| 1,4-Dichlorobenzene                               | 9.29   |                    | "     | 10.0           |                   | 92.9                            | 76.6-125       |           | 1.39   | 18.6         |          |
| 2,2-Dichloropropane                               | 9.13   |                    | "     | 10.0           |                   | 91.3                            | 69-133         |           | 4.81   | 19.8         |          |
| 2-Chlorotoluene                                   | 9.29   |                    | "     | 10.0           |                   | 92.9                            | 66.3-119       |           | 3.39   | 21.6         |          |
| 2-Hexanone                                        | 9.62   |                    | "     | 10.0           |                   | 96.2                            | 70-130         |           | 7.21   | 30           |          |
| 4-Chlorotoluene                                   | 9.67   |                    | "     | 10.0           |                   | 96.7                            | 69.2-127       |           | 3.15   | 19           |          |
| Acetone                                           | 6.30   |                    | "     | 10.0           |                   | 63.0                            | 70-130         | Low Bias  | 56.1   | 30           | Non-dir. |
| Benzene                                           | 9.98   |                    | "     | 10.0           |                   | 99.8                            | 76.2-129       |           | 1.92   | 19           |          |
| Bromobenzene                                      | 9.20   |                    | "     | 10.0           |                   | 92.0                            | 71.3-123       |           | 0.217  | 20.3         |          |
| Bromochloromethane                                | 9.55   |                    | "     | 10.0           |                   | 95.5                            | 70.8-137       |           | 4.60   | 23.9         |          |
| Bromodichloromethane                              | 9.98   |                    | "     | 10.0           |                   | 99.8                            | 79.7-134       |           | 1.49   | 21           |          |
| Bromoform                                         | 8.91   |                    | "     | 10.0           |                   | 89.1                            | 70.5-141       |           | 5.25   | 21.8         |          |
| Bromomethane                                      | 10.5   |                    | "     | 10.0           |                   | 105                             | 43.9-147       |           | 23.0   | 28.4         |          |
| Carbon tetrachloride                              | 12.7   |                    | "     | 10.0           |                   | 127                             | 78.1-138       |           | 23.0   | 20.1         | Non-dir. |
| Chlorobenzene                                     | 9.79   |                    | "     | 10.0           |                   | 97.9                            | 80.4-125       |           | 1.22   | 19.9         |          |
| Chloroethane                                      | 10.3   |                    | "     | 10.0           |                   | 103                             | 55.8-140       |           | 2.87   | 23.3         |          |
| Chloroform                                        | 9.60   |                    | "     | 10.0           |                   | 96.0                            | 76.6-133       |           | 1.15   | 20.3         |          |
| Chloromethane                                     | 8.56   |                    | "     | 10.0           |                   | 85.6                            | 48.8-115       |           | 14.8   | 24.5         |          |
| cis-1,2-Dichloroethylene                          | 9.74   |                    | "     | 10.0           |                   | 97.4                            | 75.1-128       |           | 0.618  | 20.5         |          |
| cis-1,3-Dichloropropylene                         | 9.06   |                    | "     | 10.0           |                   | 90.6                            | 74.5-128       |           | 5.37   | 19.9         |          |
| Dibromochloromethane                              | 9.68   |                    | "     | 10.0           |                   | 96.8                            | 79.8-134       |           | 1.04   | 21.3         |          |
| Dibromomethane                                    | 10.0   |                    | "     | 10.0           |                   | 100                             | 79-130         |           | 2.56   | 22.4         |          |
| Dichlorodifluoromethane                           | 7.97   |                    | "     | 10.0           |                   | 79.7                            | 47.1-101       |           | 0.756  | 23.9         |          |
| Ethyl Benzene                                     | 10.4   |                    | "     | 10.0           |                   | 104                             | 80.8-128       |           | 2.23   | 19.2         |          |
| Hexachlorobutadiene                               | 10.4   |                    | "     | 10.0           |                   | 104                             | 64.8-128       |           | 10.8   | 20.6         |          |
| Isopropylbenzene                                  | 10.1   |                    | "     | 10.0           |                   | 101                             | 75.5-135       |           | 1.39   | 20           |          |
| Methyl tert-butyl ether (MTBE)                    | 13.6   |                    | "     | 10.0           |                   | 136                             | 65.1-140       |           | 97.6   | 23.6         | Non-dir. |
| Methylene chloride                                | 12.1   |                    | "     | 10.0           |                   | 121                             | 61.3-120       | High Bias | 55.1   | 20.4         | Non-dir. |
| Naphthalene                                       | 10.3   |                    | "     | 10.0           |                   | 103                             | 62.3-148       |           | 0.0970 | 27.1         |          |
| n-Butylbenzene                                    | 9.98   |                    | "     | 10.0           |                   | 99.8                            | 67.2-123       |           | 3.05   | 19.1         |          |
| n-Propylbenzene                                   | 9.77   |                    | "     | 10.0           |                   | 97.7                            | 70.5-127       |           | 1.44   | 23.4         |          |
| o-Xylene                                          | 9.66   |                    | "     | 10.0           |                   | 96.6                            | 75.9-122       |           | 2.62   | 19.3         |          |
| p- & m- Xylenes                                   | 19.8   |                    | "     | 20.0           |                   | 99.1                            | 77.7-127       |           | 1.78   | 18.6         |          |
| p-Isopropyltoluene                                | 10.2   |                    | "     | 10.0           |                   | 102                             | 75.6-129       |           | 4.02   | 19.1         |          |

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

## Batch BC20947 - EPA 5030B

## LCS Dup (BC20947-BSD1)

Prepared &amp; Analyzed: 03/23/2012

|                                  |      |  |      |      |  |      |          |  |       |      |          |
|----------------------------------|------|--|------|------|--|------|----------|--|-------|------|----------|
| sec-Butylbenzene                 | 9.68 |  | ug/L | 10.0 |  | 96.8 | 71.5-125 |  | 2.83  | 18.9 |          |
| Styrene                          | 9.82 |  | "    | 10.0 |  | 98.2 | 77.8-123 |  | 0.305 | 20.9 |          |
| tert-Butylbenzene                | 10.1 |  | "    | 10.0 |  | 101  | 75.9-151 |  | 7.19  | 20.9 |          |
| Tetrachloroethylene              | 13.6 |  | "    | 10.0 |  | 136  | 63.6-167 |  | 30.3  | 27.7 | Non-dir. |
| Toluene                          | 9.75 |  | "    | 10.0 |  | 97.5 | 77-123   |  | 0.715 | 18.7 |          |
| trans-1,2-Dichloroethylene       | 10.1 |  | "    | 10.0 |  | 101  | 76.3-139 |  | 3.54  | 19.5 |          |
| trans-1,3-Dichloropropylene      | 9.42 |  | "    | 10.0 |  | 94.2 | 72.5-137 |  | 3.44  | 19.3 |          |
| Trichloroethylene                | 10.0 |  | "    | 10.0 |  | 100  | 77.9-130 |  | 0.399 | 20.5 |          |
| Trichlorofluoromethane           | 10.4 |  | "    | 10.0 |  | 104  | 57.4-133 |  | 10.0  | 21.4 |          |
| Vinyl Chloride                   | 9.38 |  | "    | 10.0 |  | 93.8 | 54.9-124 |  | 3.47  | 22.3 |          |
| Surrogate: 1,2-Dichloroethane-d4 | 9.59 |  | "    | 10.0 |  | 95.9 | 72.6-129 |  |       |      |          |
| Surrogate: p-Bromofluorobenzene  | 9.84 |  | "    | 10.0 |  | 98.4 | 63.5-145 |  |       |      |          |
| Surrogate: Toluene-d8            | 10.0 |  | "    | 10.0 |  | 100  | 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.

Corrective Action:

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

York Project No. 1260759

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.

|                                                                                                                                                                                                                                    |  |                                                                                                                    |  |                                                                                                                      |  |                                                                                                                                                   |  |                                                                                                                                                |  |                                                                                                                                             |  |                                                                                                                                                                              |  |                                         |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------|--|
| <b>Client Information</b><br>Company: LBG<br>Address: 4 Research Drive,<br>Suite 301, Shelton CT, 06484<br>Phone no.: 203-928-8555<br>Contact Person: Tunde Sandor<br>E-mail Addr.: tsandor@lbgi.com<br>FAX No.: 203-926-9140      |  | <b>Report to:</b><br>SAME<br>Name: Tunde Sandor<br>Company: Same<br>Address: Same<br>E-mail: Same<br>Fax No.: Same |  | <b>Invoice To:</b><br>SAME<br>Name: Mark Goldberg<br>Company: Same<br>Address: Same<br>E-mail: Same<br>Fax No.: Same |  | <b>Client Project ID</b><br>Rowe Industries<br>Purchase Order no. NABSAG<br>Samples from: CT_NY_NJ_OTHER                                          |  | <b>Turn-Around Time</b><br>RUSH Same Day<br>RUSH Next Day<br>RUSH Two Day<br>RUSH Three Day<br>RUSH Four Day<br>Standard (5-7 days) X<br>OTHER |  | <b>Report Type/Deliverables</b><br>Summary X, pdf<br>QA/QC Summary X, pdf<br>CT RCP Pkg<br>ASP A Pkg<br>ASP B Pkg<br>Excel<br>EDD           |  | <b>Special Instructions</b><br>Field Filled <input type="checkbox"/><br>Lab to Filter <input type="checkbox"/>                                                               |  |                                         |  |
| <b>Choose Analyses Needed from the Menu Above and Enter Below</b>                                                                                                                                                                  |  |                                                                                                                    |  |                                                                                                                      |  |                                                                                                                                                   |  |                                                                                                                                                |  |                                                                                                                                             |  |                                                                                                                                                                              |  |                                         |  |
| Sample Identification<br>WQ31912: 1230 FRW-1<br>WQ31912: 1235 FRW-2<br>WQ31912: 1240 FRW-3<br>WQ31912: 1245 FRW-4                                                                                                                  |  | Date Sampled<br>3/19/12 1230<br>1235<br>1240<br>1245                                                               |  | Sample Matrix<br>GW<br>GW<br>GW<br>GW<br>GW<br>GW<br>GW                                                              |  | Volatiles<br>8260 full<br>624<br>STARS<br>SFLP or TCLP<br>BTEX<br>MTBE<br>TCLP list<br>TAGM<br>CT RCP<br>Arom.<br>Halog.<br>App. IX<br>8021B list |  | Semi-Volatiles<br>8270 or 625<br>STARS<br>SFLP or TCLP<br>Acid Only<br>PAH<br>TAGM<br>CT RCP<br>TICs<br>SFLP or TCLP<br>608 Pest<br>TCLP BNA   |  | Metals<br>RCRA8<br>PPI3<br>TAL<br>CT15<br>Total<br>Dissolved<br>SFLP or TCLP<br>TCLP Pest<br>TCLP Herb<br>Chlordane<br>608 Pest<br>TCLP BNA |  | Miscellaneous Parameters<br>Color<br>Phos<br>Cyanide-T<br>Cyanide-A<br>BOD5<br>Ammonia-N<br>Chloride<br>Phosphate<br>Tot. Phos.<br>COD<br>TOC<br>FOG<br>pH<br>MBAS<br>TPH-IR |  | Container Description(s)<br>Z<br>1<br>2 |  |
| <b>Comments</b><br>Preservation "X" those applicable<br>Cool 4°C HNO3 H2SO4 NaOH NONE FROZEN<br>Samples Relinquished By 3/19/12 10:14 Date/Time<br>Samples Relinquished By 3/21/12-1600 Date/Time<br>Temperature on Receipt 4.4 °C |  |                                                                                                                    |  |                                                                                                                      |  |                                                                                                                                                   |  |                                                                                                                                                |  |                                                                                                                                             |  |                                                                                                                                                                              |  |                                         |  |

**APPENDIX III**  
**MARCH 2012 LABORATORY ANALYTICAL REPORTS**  
**FOR AIR SAMPLES**

# Technical Report

prepared for:

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

Report Date: 03/27/2012  
**Client Project ID: Rowe Industries**  
York Project (SDG) No.: 12C0453

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 03/27/2012  
Client Project ID: Rowe Industries  
York Project (SDG) No.: 12C0453

**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 14, 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> |
|-----------------------|-------------------------|------------------|-----------------------|----------------------|
| 12C0453-01            | AQ31312:1210NP4-1       | Vapor Extraction | 03/13/2012            | 03/14/2012           |
| 12C0453-02            | AQ31312:1215NP4-2       | Vapor Extraction | 03/13/2012            | 03/14/2012           |
| 12C0453-03            | AQ31312:1220NP4-3       | Vapor Extraction | 03/13/2012            | 03/14/2012           |

## General Notes for York Project (SDG) No.: 12C0453

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: 03/27/2012

Robert Q. Bradley  
Executive Vice President / Laboratory Director

**YORK**

### Sample Information

**Client Sample ID:** AQ31312:1210NP4-1

**York Sample ID:** 12C0453-01

York Project (SDG) No.

12C0453

Client Project ID

Rowe Industries

Matrix

Vapor Extraction

Collection Date/Time

March 13, 2012 12:10 pm

Date Received

03/14/2012

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

| CAS No.    | Parameter                                         | Result     | Flag | Units             | MDL   | RL   | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------------------------------------|------------|------|-------------------|-------|------|----------|------------------|--------------------|--------------------|---------|
| 71-55-6    | <b>1,1,1-Trichloroethane</b>                      | <b>12</b>  |      | ug/m <sup>3</sup> | 0.16  | 0.91 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 79-34-5    | 1,1,2,2-Tetrachloroethane                         | ND         |      | ug/m <sup>3</sup> | 0.28  | 1.1  | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 76-13-1    | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND         |      | ug/m <sup>3</sup> | 0.090 | 1.3  | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 79-00-5    | 1,1,2-Trichloroethane                             | ND         |      | ug/m <sup>3</sup> | 0.23  | 0.91 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 75-34-3    | <b>1,1-Dichloroethane</b>                         | <b>5.0</b> |      | ug/m <sup>3</sup> | 0.081 | 0.68 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 75-35-4    | 1,1-Dichloroethylene                              | ND         |      | ug/m <sup>3</sup> | 0.10  | 0.66 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 120-82-1   | 1,2,4-Trichlorobenzene                            | ND         |      | ug/m <sup>3</sup> | 0.27  | 1.2  | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 95-63-6    | 1,2,4-Trimethylbenzene                            | ND         |      | ug/m <sup>3</sup> | 0.099 | 4.1  | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 95-50-1    | 1,2-Dichlorobenzene                               | ND         |      | ug/m <sup>3</sup> | 0.25  | 1.0  | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 107-06-2   | 1,2-Dichloroethane                                | ND         |      | ug/m <sup>3</sup> | 0.16  | 0.68 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 78-87-5    | 1,2-Dichloropropane                               | ND         |      | ug/m <sup>3</sup> | 0.17  | 0.77 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 76-14-2    | 1,2-Dichlorotetrafluoroethane                     | ND         |      | ug/m <sup>3</sup> | 0.20  | 1.2  | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 108-67-8   | 1,3,5-Trimethylbenzene                            | ND         |      | ug/m <sup>3</sup> | 0.11  | 1.6  | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 106-99-0   | 1,3-Butadiene                                     | ND         |      | ug/m <sup>3</sup> | 0.11  | 0.73 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 541-73-1   | 1,3-Dichlorobenzene                               | ND         |      | ug/m <sup>3</sup> | 0.18  | 1.0  | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 106-46-7   | 1,4-Dichlorobenzene                               | ND         |      | ug/m <sup>3</sup> | 0.22  | 1.0  | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 123-91-1   | 1,4-Dioxane                                       | ND         |      | ug/m <sup>3</sup> | 0.54  | 6.0  | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 78-93-3    | <b>2-Butanone</b>                                 | <b>2.8</b> |      | ug/m <sup>3</sup> | 0.20  | 0.49 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 591-78-6   | 2-Hexanone                                        | ND         |      | ug/m <sup>3</sup> | 0.38  | 1.4  | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 108-10-1   | 4-Methyl-2-pentanone                              | ND         |      | ug/m <sup>3</sup> | 0.25  | 0.69 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 67-64-1    | <b>Acetone</b>                                    | <b>20</b>  |      | ug/m <sup>3</sup> | 0.12  | 0.40 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 71-43-2    | Benzene                                           | ND         |      | ug/m <sup>3</sup> | 0.080 | 0.53 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 100-44-7   | Benzyl chloride                                   | ND         |      | ug/m <sup>3</sup> | 0.10  | 0.87 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 75-27-4    | Bromodichloromethane                              | ND         |      | ug/m <sup>3</sup> | 0.25  | 1.0  | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 75-25-2    | Bromoform                                         | ND         |      | ug/m <sup>3</sup> | 0.31  | 1.7  | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 74-83-9    | Bromomethane                                      | ND         |      | ug/m <sup>3</sup> | 0.078 | 0.65 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 75-15-0    | <b>Carbon disulfide</b>                           | <b>3.5</b> |      | ug/m <sup>3</sup> | 0.063 | 0.52 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 56-23-5    | Carbon tetrachloride                              | ND         |      | ug/m <sup>3</sup> | 0.13  | 0.53 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 108-90-7   | Chlorobenzene                                     | ND         |      | ug/m <sup>3</sup> | 0.14  | 0.77 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 75-00-3    | Chloroethane                                      | ND         |      | ug/m <sup>3</sup> | 0.053 | 0.44 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 67-66-3    | <b>Chloroform</b>                                 | <b>3.1</b> |      | ug/m <sup>3</sup> | 0.12  | 0.82 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 74-87-3    | <b>Chloromethane</b>                              | <b>1.2</b> |      | ug/m <sup>3</sup> | 0.10  | 0.35 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 156-59-2   | <b>cis-1,2-Dichloroethylene</b>                   | <b>2.5</b> |      | ug/m <sup>3</sup> | 0.11  | 0.66 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 10061-01-5 | cis-1,3-Dichloropropylene                         | ND         |      | ug/m <sup>3</sup> | 0.19  | 0.76 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |

### Sample Information

**Client Sample ID:** AQ31312:1210NP4-1

**York Sample ID:** 12C0453-01

York Project (SDG) No.  
12C0453

Client Project ID  
Rowe Industries

Matrix  
Vapor Extraction

Collection Date/Time  
March 13, 2012 12:10 pm

Date Received  
03/14/2012

#### Volatile Organics, EPA TO15 Full List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

| CAS No.      | Parameter                                | Result        | Flag | Units             | MDL                     | RL   | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|--------------|------------------------------------------|---------------|------|-------------------|-------------------------|------|----------|------------------|--------------------|--------------------|---------|
| 110-82-7     | Cyclohexane                              | ND            |      | ug/m <sup>3</sup> | 0.069                   | 0.58 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 75-71-8      | <b>Dichlorodifluoromethane</b>           | <b>2.3</b>    |      | ug/m <sup>3</sup> | 0.21                    | 0.83 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 141-78-6     | Ethyl acetate                            | ND            |      | ug/m <sup>3</sup> | 0.15                    | 0.60 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 100-41-4     | Ethyl Benzene                            | ND            |      | ug/m <sup>3</sup> | 0.13                    | 0.73 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 87-68-3      | Hexachlorobutadiene                      | ND            |      | ug/m <sup>3</sup> | 0.32                    | 1.8  | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 67-63-0      | Isopropanol                              | ND            |      | ug/m <sup>3</sup> | 0.14                    | 0.41 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 1634-04-4    | Methyl tert-butyl ether (MTBE)           | ND            |      | ug/m <sup>3</sup> | 0.072                   | 0.60 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 75-09-2      | <b>Methylene chloride</b>                | <b>21</b>     |      | ug/m <sup>3</sup> | 0.14                    | 0.58 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 142-82-5     | n-Heptane                                | ND            |      | ug/m <sup>3</sup> | 0.082                   | 0.69 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 110-54-3     | <b>n-Hexane</b>                          | <b>6.3</b>    |      | ug/m <sup>3</sup> | 0.071                   | 0.59 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 95-47-6      | o-Xylene                                 | ND            |      | ug/m <sup>3</sup> | 0.13                    | 0.73 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 1330-20-7P/M | p- & m- Xylenes                          | ND            |      | ug/m <sup>3</sup> | 0.25                    | 0.73 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 622-96-8     | p-Ethyltoluene                           | ND            |      | ug/m <sup>3</sup> | 0.15                    | 4.1  | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 115-07-01    | Propylene                                | ND            |      | ug/m <sup>3</sup> | 0.13                    | 0.29 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 100-42-5     | Styrene                                  | ND            |      | ug/m <sup>3</sup> | 0.13                    | 0.71 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 127-18-4     | <b>Tetrachloroethylene</b>               | <b>45</b>     |      | ug/m <sup>3</sup> | 0.14                    | 1.1  | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 109-99-9     | Tetrahydrofuran                          | ND            |      | ug/m <sup>3</sup> | 0.12                    | 0.49 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 108-88-3     | Toluene                                  | ND            |      | ug/m <sup>3</sup> | 0.15                    | 0.63 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 156-60-5     | trans-1,2-Dichloroethylene               | ND            |      | ug/m <sup>3</sup> | 0.080                   | 0.66 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 10061-02-6   | trans-1,3-Dichloropropylene              | ND            |      | ug/m <sup>3</sup> | 0.14                    | 0.76 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 79-01-6      | <b>Trichloroethylene</b>                 | <b>3.3</b>    |      | ug/m <sup>3</sup> | 0.11                    | 0.45 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 75-69-4      | <b>Trichlorofluoromethane (Freon 11)</b> | <b>2.4</b>    |      | ug/m <sup>3</sup> | 0.056                   | 0.94 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 108-05-4     | Vinyl acetate                            | ND            |      | ug/m <sup>3</sup> | 0.088                   | 1.2  | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
| 75-01-4      | Vinyl Chloride                           | ND            |      | ug/m <sup>3</sup> | 0.10                    | 0.86 | 1.646    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 13:52   | TD      |
|              | <b>Surrogate Recoveries</b>              | <b>Result</b> |      |                   | <b>Acceptance Range</b> |      |          |                  |                    |                    |         |
| 460-00-4     | <i>Surrogate: p-Bromofluorobenzene</i>   | <i>102 %</i>  |      |                   | <i>70-130</i>           |      |          |                  |                    |                    |         |

### Sample Information

**Client Sample ID:** AQ31312:1215NP4-2

**York Sample ID:** 12C0453-02

York Project (SDG) No.  
12C0453

Client Project ID  
Rowe Industries

Matrix  
Vapor Extraction

Collection Date/Time  
March 13, 2012 12:15 pm

Date Received  
03/14/2012

#### Volatile Organics, EPA TO15 Full List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter                    | Result    | Flag | Units             | MDL  | RL   | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|------------------------------|-----------|------|-------------------|------|------|----------|------------------|--------------------|--------------------|---------|
| 71-55-6 | <b>1,1,1-Trichloroethane</b> | <b>12</b> |      | ug/m <sup>3</sup> | 0.18 | 0.99 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |

### Sample Information

**Client Sample ID:** AQ31312:1215NP4-2

**York Sample ID:** 12C0453-02

York Project (SDG) No.  
12C0453

Client Project ID  
Rowe Industries

Matrix  
Vapor Extraction

Collection Date/Time  
March 13, 2012 12:15 pm

Date Received  
03/14/2012

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

| CAS No.    | Parameter                                         | Result     | Flag | Units             | MDL   | RL   | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------------------------------------|------------|------|-------------------|-------|------|----------|------------------|--------------------|--------------------|---------|
| 79-34-5    | 1,1,2,2-Tetrachloroethane                         | ND         |      | ug/m <sup>3</sup> | 0.30  | 1.2  | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 76-13-1    | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND         |      | ug/m <sup>3</sup> | 0.097 | 1.4  | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 79-00-5    | 1,1,2-Trichloroethane                             | ND         |      | ug/m <sup>3</sup> | 0.25  | 0.99 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 75-34-3    | <b>1,1-Dichloroethane</b>                         | <b>6.0</b> |      | ug/m <sup>3</sup> | 0.088 | 0.73 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 75-35-4    | 1,1-Dichloroethylene                              | ND         |      | ug/m <sup>3</sup> | 0.11  | 0.72 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 120-82-1   | 1,2,4-Trichlorobenzene                            | ND         |      | ug/m <sup>3</sup> | 0.29  | 1.3  | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 95-63-6    | 1,2,4-Trimethylbenzene                            | ND         |      | ug/m <sup>3</sup> | 0.11  | 4.4  | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 95-50-1    | 1,2-Dichlorobenzene                               | ND         |      | ug/m <sup>3</sup> | 0.27  | 1.1  | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 107-06-2   | 1,2-Dichloroethane                                | ND         |      | ug/m <sup>3</sup> | 0.18  | 0.73 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 78-87-5    | 1,2-Dichloropropane                               | ND         |      | ug/m <sup>3</sup> | 0.18  | 0.83 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 76-14-2    | 1,2-Dichlorotetrafluoroethane                     | ND         |      | ug/m <sup>3</sup> | 0.21  | 1.3  | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 108-67-8   | 1,3,5-Trimethylbenzene                            | ND         |      | ug/m <sup>3</sup> | 0.12  | 1.8  | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 106-99-0   | 1,3-Butadiene                                     | ND         |      | ug/m <sup>3</sup> | 0.12  | 0.78 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 541-73-1   | 1,3-Dichlorobenzene                               | ND         |      | ug/m <sup>3</sup> | 0.20  | 1.1  | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 106-46-7   | 1,4-Dichlorobenzene                               | ND         |      | ug/m <sup>3</sup> | 0.24  | 1.1  | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 123-91-1   | 1,4-Dioxane                                       | ND         |      | ug/m <sup>3</sup> | 0.59  | 6.5  | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 78-93-3    | <b>2-Butanone</b>                                 | <b>5.4</b> |      | ug/m <sup>3</sup> | 0.21  | 0.53 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 591-78-6   | 2-Hexanone                                        | ND         |      | ug/m <sup>3</sup> | 0.41  | 1.5  | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 108-10-1   | 4-Methyl-2-pentanone                              | ND         |      | ug/m <sup>3</sup> | 0.27  | 0.74 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 67-64-1    | <b>Acetone</b>                                    | <b>21</b>  |      | ug/m <sup>3</sup> | 0.13  | 0.43 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 71-43-2    | Benzene                                           | ND         |      | ug/m <sup>3</sup> | 0.087 | 0.58 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 100-44-7   | Benzyl chloride                                   | ND         |      | ug/m <sup>3</sup> | 0.11  | 0.93 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 75-27-4    | Bromodichloromethane                              | ND         |      | ug/m <sup>3</sup> | 0.27  | 1.1  | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 75-25-2    | Bromoform                                         | ND         |      | ug/m <sup>3</sup> | 0.34  | 1.9  | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 74-83-9    | Bromomethane                                      | ND         |      | ug/m <sup>3</sup> | 0.084 | 0.70 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 75-15-0    | <b>Carbon disulfide</b>                           | <b>3.1</b> |      | ug/m <sup>3</sup> | 0.067 | 0.56 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 56-23-5    | Carbon tetrachloride                              | ND         |      | ug/m <sup>3</sup> | 0.14  | 0.57 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 108-90-7   | Chlorobenzene                                     | ND         |      | ug/m <sup>3</sup> | 0.15  | 0.83 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 75-00-3    | Chloroethane                                      | ND         |      | ug/m <sup>3</sup> | 0.057 | 0.48 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 67-66-3    | <b>Chloroform</b>                                 | <b>2.6</b> |      | ug/m <sup>3</sup> | 0.13  | 0.88 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 74-87-3    | <b>Chloromethane</b>                              | <b>1.0</b> |      | ug/m <sup>3</sup> | 0.11  | 0.37 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 156-59-2   | cis-1,2-Dichloroethylene                          | ND         |      | ug/m <sup>3</sup> | 0.12  | 0.72 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 10061-01-5 | cis-1,3-Dichloropropylene                         | ND         |      | ug/m <sup>3</sup> | 0.20  | 0.82 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 110-82-7   | Cyclohexane                                       | ND         |      | ug/m <sup>3</sup> | 0.075 | 0.62 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 75-71-8    | <b>Dichlorodifluoromethane</b>                    | <b>2.4</b> |      | ug/m <sup>3</sup> | 0.22  | 0.89 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |

### Sample Information

**Client Sample ID:** AQ31312:1215NP4-2

**York Sample ID:** 12C0453-02

York Project (SDG) No.  
12C0453

Client Project ID  
Rowe Industries

Matrix  
Vapor Extraction

Collection Date/Time  
March 13, 2012 12:15 pm

Date Received  
03/14/2012

#### Volatile Organics, EPA TO15 Full List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

| CAS No.                     | Parameter                         | Result        | Flag                    | Units             | MDL   | RL   | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|-----------------------------|-----------------------------------|---------------|-------------------------|-------------------|-------|------|----------|------------------|--------------------|--------------------|---------|
| 141-78-6                    | Ethyl acetate                     | ND            |                         | ug/m <sup>3</sup> | 0.16  | 0.65 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 100-41-4                    | Ethyl Benzene                     | ND            |                         | ug/m <sup>3</sup> | 0.14  | 0.78 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 87-68-3                     | Hexachlorobutadiene               | ND            |                         | ug/m <sup>3</sup> | 0.35  | 1.9  | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 67-63-0                     | Isopropanol                       | ND            |                         | ug/m <sup>3</sup> | 0.16  | 0.44 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 1634-04-4                   | Methyl tert-butyl ether (MTBE)    | ND            |                         | ug/m <sup>3</sup> | 0.078 | 0.65 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 75-09-2                     | <b>Methylene chloride</b>         | <b>5.3</b>    |                         | ug/m <sup>3</sup> | 0.15  | 0.63 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 142-82-5                    | n-Heptane                         | ND            |                         | ug/m <sup>3</sup> | 0.089 | 0.74 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 110-54-3                    | <b>n-Hexane</b>                   | <b>10</b>     |                         | ug/m <sup>3</sup> | 0.076 | 0.64 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 95-47-6                     | o-Xylene                          | ND            |                         | ug/m <sup>3</sup> | 0.14  | 0.78 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 1330-20-7P/M                | p- & m- Xylenes                   | ND            |                         | ug/m <sup>3</sup> | 0.27  | 0.78 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 622-96-8                    | p-Ethyltoluene                    | ND            |                         | ug/m <sup>3</sup> | 0.16  | 4.4  | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 115-07-01                   | Propylene                         | ND            |                         | ug/m <sup>3</sup> | 0.14  | 0.31 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 100-42-5                    | Styrene                           | ND            |                         | ug/m <sup>3</sup> | 0.14  | 0.77 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 127-18-4                    | <b>Tetrachloroethylene</b>        | <b>54</b>     |                         | ug/m <sup>3</sup> | 0.15  | 1.2  | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 109-99-9                    | Tetrahydrofuran                   | ND            |                         | ug/m <sup>3</sup> | 0.13  | 0.53 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 108-88-3                    | Toluene                           | ND            |                         | ug/m <sup>3</sup> | 0.16  | 0.68 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 156-60-5                    | trans-1,2-Dichloroethylene        | ND            |                         | ug/m <sup>3</sup> | 0.086 | 0.72 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 10061-02-6                  | trans-1,3-Dichloropropylene       | ND            |                         | ug/m <sup>3</sup> | 0.15  | 0.82 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 79-01-6                     | Trichloroethylene                 | ND            |                         | ug/m <sup>3</sup> | 0.12  | 0.49 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 75-69-4                     | Trichlorofluoromethane (Freon 11) | ND            |                         | ug/m <sup>3</sup> | 0.061 | 1.0  | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 108-05-4                    | Vinyl acetate                     | ND            |                         | ug/m <sup>3</sup> | 0.095 | 1.3  | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| 75-01-4                     | Vinyl Chloride                    | ND            |                         | ug/m <sup>3</sup> | 0.11  | 0.92 | 1.775    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 15:27   | TD      |
| <b>Surrogate Recoveries</b> |                                   | <b>Result</b> | <b>Acceptance Range</b> |                   |       |      |          |                  |                    |                    |         |
| 460-00-4                    | Surrogate: p-Bromofluorobenzene   | 101 %         | 70-130                  |                   |       |      |          |                  |                    |                    |         |

### Sample Information

**Client Sample ID:** AQ31312:1220NP4-3

**York Sample ID:** 12C0453-03

York Project (SDG) No.  
12C0453

Client Project ID  
Rowe Industries

Matrix  
Vapor Extraction

Collection Date/Time  
March 13, 2012 12:20 pm

Date Received  
03/14/2012

#### Volatile Organics, EPA TO15 Full List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

| CAS No. | Parameter                    | Result     | Flag | Units             | MDL  | RL   | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---------|------------------------------|------------|------|-------------------|------|------|----------|------------------|--------------------|--------------------|---------|
| 71-55-6 | <b>1,1,1-Trichloroethane</b> | <b>2.0</b> |      | ug/m <sup>3</sup> | 0.17 | 0.95 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 79-34-5 | 1,1,2,2-Tetrachloroethane    | ND         |      | ug/m <sup>3</sup> | 0.29 | 1.2  | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |

## Sample Information

**Client Sample ID:** AQ31312:1220NP4-3

**York Sample ID:** 12C0453-03

York Project (SDG) No.  
12C0453

Client Project ID  
Rowe Industries

Matrix  
Vapor Extraction

Collection Date/Time  
March 13, 2012 12:20 pm

Date Received  
03/14/2012

### Volatile Organics, EPA TO15 Full List

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

| CAS No.    | Parameter                                         | Result     | Flag | Units             | MDL   | RL   | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|------------|---------------------------------------------------|------------|------|-------------------|-------|------|----------|------------------|--------------------|--------------------|---------|
| 76-13-1    | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND         |      | ug/m <sup>3</sup> | 0.093 | 1.3  | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 79-00-5    | 1,1,2-Trichloroethane                             | ND         |      | ug/m <sup>3</sup> | 0.24  | 0.95 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 75-34-3    | <b>1,1-Dichloroethane</b>                         | <b>5.7</b> |      | ug/m <sup>3</sup> | 0.084 | 0.70 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 75-35-4    | 1,1-Dichloroethylene                              | ND         |      | ug/m <sup>3</sup> | 0.10  | 0.69 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 120-82-1   | 1,2,4-Trichlorobenzene                            | ND         |      | ug/m <sup>3</sup> | 0.28  | 1.3  | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 95-63-6    | 1,2,4-Trimethylbenzene                            | ND         |      | ug/m <sup>3</sup> | 0.10  | 4.3  | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 95-50-1    | 1,2-Dichlorobenzene                               | ND         |      | ug/m <sup>3</sup> | 0.26  | 1.0  | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 107-06-2   | 1,2-Dichloroethane                                | ND         |      | ug/m <sup>3</sup> | 0.17  | 0.70 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 78-87-5    | 1,2-Dichloropropane                               | ND         |      | ug/m <sup>3</sup> | 0.18  | 0.80 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 76-14-2    | 1,2-Dichlorotetrafluoroethane                     | ND         |      | ug/m <sup>3</sup> | 0.21  | 1.2  | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 108-67-8   | 1,3,5-Trimethylbenzene                            | ND         |      | ug/m <sup>3</sup> | 0.11  | 1.7  | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 106-99-0   | 1,3-Butadiene                                     | ND         |      | ug/m <sup>3</sup> | 0.11  | 0.75 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 541-73-1   | 1,3-Dichlorobenzene                               | ND         |      | ug/m <sup>3</sup> | 0.19  | 1.0  | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 106-46-7   | 1,4-Dichlorobenzene                               | ND         |      | ug/m <sup>3</sup> | 0.23  | 1.0  | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 123-91-1   | 1,4-Dioxane                                       | ND         |      | ug/m <sup>3</sup> | 0.56  | 6.3  | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 78-93-3    | <b>2-Butanone</b>                                 | <b>2.1</b> |      | ug/m <sup>3</sup> | 0.20  | 0.51 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 591-78-6   | 2-Hexanone                                        | ND         |      | ug/m <sup>3</sup> | 0.39  | 1.4  | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 108-10-1   | 4-Methyl-2-pentanone                              | ND         |      | ug/m <sup>3</sup> | 0.26  | 0.71 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 67-64-1    | <b>Acetone</b>                                    | <b>11</b>  |      | ug/m <sup>3</sup> | 0.13  | 0.41 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 71-43-2    | Benzene                                           | ND         |      | ug/m <sup>3</sup> | 0.083 | 0.55 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 100-44-7   | Benzyl chloride                                   | ND         |      | ug/m <sup>3</sup> | 0.11  | 0.90 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 75-27-4    | Bromodichloromethane                              | ND         |      | ug/m <sup>3</sup> | 0.26  | 1.1  | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 75-25-2    | Bromoform                                         | ND         |      | ug/m <sup>3</sup> | 0.32  | 1.8  | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 74-83-9    | Bromomethane                                      | ND         |      | ug/m <sup>3</sup> | 0.081 | 0.67 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 75-15-0    | <b>Carbon disulfide</b>                           | <b>2.8</b> |      | ug/m <sup>3</sup> | 0.065 | 0.54 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 56-23-5    | Carbon tetrachloride                              | ND         |      | ug/m <sup>3</sup> | 0.13  | 0.55 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 108-90-7   | Chlorobenzene                                     | ND         |      | ug/m <sup>3</sup> | 0.14  | 0.80 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 75-00-3    | Chloroethane                                      | ND         |      | ug/m <sup>3</sup> | 0.055 | 0.46 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 67-66-3    | <b>Chloroform</b>                                 | <b>1.4</b> |      | ug/m <sup>3</sup> | 0.13  | 0.85 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 74-87-3    | <b>Chloromethane</b>                              | <b>1.2</b> |      | ug/m <sup>3</sup> | 0.11  | 0.36 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 156-59-2   | cis-1,2-Dichloroethylene                          | ND         |      | ug/m <sup>3</sup> | 0.12  | 0.69 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 10061-01-5 | cis-1,3-Dichloropropylene                         | ND         |      | ug/m <sup>3</sup> | 0.20  | 0.79 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 110-82-7   | Cyclohexane                                       | ND         |      | ug/m <sup>3</sup> | 0.072 | 0.60 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 75-71-8    | <b>Dichlorodifluoromethane</b>                    | <b>2.4</b> |      | ug/m <sup>3</sup> | 0.21  | 0.86 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 141-78-6   | Ethyl acetate                                     | ND         |      | ug/m <sup>3</sup> | 0.16  | 0.63 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |

### Sample Information

**Client Sample ID:** AQ31312:1220NP4-3

**York Sample ID:** 12C0453-03

York Project (SDG) No.  
12C0453

Client Project ID  
Rowe Industries

Matrix  
Vapor Extraction

Collection Date/Time  
March 13, 2012 12:20 pm

Date Received  
03/14/2012

#### Volatile Organics, EPA TO15 Full List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

| CAS No.      | Parameter                         | Result        | Flag | Units             | MDL                     | RL   | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|--------------|-----------------------------------|---------------|------|-------------------|-------------------------|------|----------|------------------|--------------------|--------------------|---------|
| 100-41-4     | Ethyl Benzene                     | ND            |      | ug/m <sup>3</sup> | 0.14                    | 0.75 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 87-68-3      | Hexachlorobutadiene               | ND            |      | ug/m <sup>3</sup> | 0.33                    | 1.9  | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 67-63-0      | Isopropanol                       | ND            |      | ug/m <sup>3</sup> | 0.15                    | 0.43 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 1634-04-4    | Methyl tert-butyl ether (MTBE)    | ND            |      | ug/m <sup>3</sup> | 0.075                   | 0.63 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 75-09-2      | <b>Methylene chloride</b>         | <b>4.8</b>    |      | ug/m <sup>3</sup> | 0.14                    | 0.60 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 142-82-5     | n-Heptane                         | ND            |      | ug/m <sup>3</sup> | 0.085                   | 0.71 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 110-54-3     | <b>n-Hexane</b>                   | <b>1.1</b>    |      | ug/m <sup>3</sup> | 0.073                   | 0.61 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 95-47-6      | o-Xylene                          | ND            |      | ug/m <sup>3</sup> | 0.14                    | 0.75 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 1330-20-7P/M | p- & m- Xylenes                   | ND            |      | ug/m <sup>3</sup> | 0.26                    | 0.75 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 622-96-8     | p-Ethyltoluene                    | ND            |      | ug/m <sup>3</sup> | 0.15                    | 4.3  | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 115-07-01    | Propylene                         | ND            |      | ug/m <sup>3</sup> | 0.14                    | 0.30 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 100-42-5     | Styrene                           | ND            |      | ug/m <sup>3</sup> | 0.13                    | 0.74 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 127-18-4     | Tetrachloroethylene               | ND            |      | ug/m <sup>3</sup> | 0.14                    | 1.2  | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 109-99-9     | Tetrahydrofuran                   | ND            |      | ug/m <sup>3</sup> | 0.13                    | 0.51 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 108-88-3     | Toluene                           | ND            |      | ug/m <sup>3</sup> | 0.16                    | 0.65 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 156-60-5     | trans-1,2-Dichloroethylene        | ND            |      | ug/m <sup>3</sup> | 0.083                   | 0.69 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 10061-02-6   | trans-1,3-Dichloropropylene       | ND            |      | ug/m <sup>3</sup> | 0.14                    | 0.79 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 79-01-6      | Trichloroethylene                 | ND            |      | ug/m <sup>3</sup> | 0.11                    | 0.47 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 75-69-4      | Trichlorofluoromethane (Freon 11) | ND            |      | ug/m <sup>3</sup> | 0.059                   | 0.98 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 108-05-4     | Vinyl acetate                     | ND            |      | ug/m <sup>3</sup> | 0.092                   | 1.2  | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
| 75-01-4      | Vinyl Chloride                    | ND            |      | ug/m <sup>3</sup> | 0.11                    | 0.89 | 1.708    | EPA TO-15        | 03/26/2012 09:00   | 03/26/2012 16:15   | TD      |
|              | <b>Surrogate Recoveries</b>       | <b>Result</b> |      |                   | <b>Acceptance Range</b> |      |          |                  |                    |                    |         |
| 460-00-4     | Surrogate: p-Bromofluorobenzene   | 102 %         |      |                   | 70-130                  |      |          |                  |                    |                    |         |

## Analytical Batch Summary

**Batch ID:** BC21036

**Preparation Method:** EPA TO15 PREP

**Prepared By:** TD

| YORK Sample ID | Client Sample ID  | Preparation Date |
|----------------|-------------------|------------------|
| 12C0453-01     | AQ31312:1210NP4-1 | 03/26/12         |
| 12C0453-02     | AQ31312:1215NP4-2 | 03/26/12         |
| 12C0453-03     | AQ31312:1220NP4-3 | 03/26/12         |
| BC21036-BLK1   | Blank             | 03/26/12         |
| BC21036-BS1    | LCS               | 03/26/12         |
| BC21036-DUP1   | Duplicate         | 03/26/12         |

**Volatile Organic Compounds by EPA Compendium TO14A/TO15 - 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 BC21036 - EPA TO15 PREP**

**Blank (BC21036-BLK1)**

Prepared & Analyzed: 03/26/2012

|                                   |      |      |                   |
|-----------------------------------|------|------|-------------------|
| Vinyl Chloride                    | ND   | 0.52 | ug/m <sup>3</sup> |
| Vinyl acetate                     | ND   | 0.72 | "                 |
| Trichloroethylene                 | ND   | 0.27 | "                 |
| trans-1,3-Dichloropropylene       | ND   | 0.46 | "                 |
| trans-1,2-Dichloroethylene        | ND   | 0.40 | "                 |
| Toluene                           | ND   | 0.38 | "                 |
| Tetrahydrofuran                   | ND   | 0.30 | "                 |
| Tetrachloroethylene               | ND   | 0.69 | "                 |
| Styrene                           | ND   | 0.43 | "                 |
| Propylene                         | ND   | 0.18 | "                 |
| p-Ethyltoluene                    | ND   | 2.5  | "                 |
| p- & m- Xylenes                   | ND   | 0.44 | "                 |
| o-Xylene                          | ND   | 0.44 | "                 |
| n-Hexane                          | ND   | 0.36 | "                 |
| n-Heptane                         | ND   | 0.42 | "                 |
| Methylene chloride                | 0.35 | 0.35 | "                 |
| Methyl tert-butyl ether (MTBE)    | ND   | 0.37 | "                 |
| 4-Methyl-2-pentanone              | ND   | 0.42 | "                 |
| Isopropanol                       | ND   | 0.25 | "                 |
| Hexachlorobutadiene               | ND   | 1.1  | "                 |
| Ethyl Benzene                     | ND   | 0.44 | "                 |
| Ethyl acetate                     | ND   | 0.37 | "                 |
| Cyclohexane                       | ND   | 0.35 | "                 |
| cis-1,3-Dichloropropylene         | ND   | 0.46 | "                 |
| cis-1,2-Dichloroethylene          | ND   | 0.40 | "                 |
| Chloromethane                     | ND   | 0.21 | "                 |
| Chloroform                        | ND   | 0.50 | "                 |
| Chloroethane                      | ND   | 0.27 | "                 |
| Carbon tetrachloride              | ND   | 0.32 | "                 |
| Carbon disulfide                  | ND   | 0.32 | "                 |
| Bromomethane                      | ND   | 0.39 | "                 |
| Bromoform                         | ND   | 1.1  | "                 |
| Bromodichloromethane              | ND   | 0.63 | "                 |
| Benzyl chloride                   | ND   | 0.53 | "                 |
| Benzene                           | ND   | 0.32 | "                 |
| Acetone                           | ND   | 0.24 | "                 |
| 2-Hexanone                        | ND   | 0.83 | "                 |
| 2-Butanone                        | ND   | 0.30 | "                 |
| 1,4-Dioxane                       | ND   | 3.7  | "                 |
| 1,4-Dichlorobenzene               | ND   | 0.61 | "                 |
| 1,3-Dichlorobenzene               | ND   | 0.61 | "                 |
| 1,3-Butadiene                     | ND   | 0.44 | "                 |
| 1,3,5-Trimethylbenzene            | ND   | 1.0  | "                 |
| 1,2-Dichlorotetrafluoroethane     | ND   | 0.71 | "                 |
| 1,2-Dichloropropane               | ND   | 0.47 | "                 |
| 1,2-Dichloroethane                | ND   | 0.41 | "                 |
| 1,2-Dichlorobenzene               | ND   | 0.61 | "                 |
| 1,2,4-Trimethylbenzene            | ND   | 2.5  | "                 |
| 1,2,4-Trichlorobenzene            | ND   | 0.75 | "                 |
| 1,1-Dichloroethylene              | ND   | 0.40 | "                 |
| 1,1-Dichloroethane                | ND   | 0.41 | "                 |
| Trichlorofluoromethane (Freon 11) | ND   | 0.57 | "                 |
| 1,1,2-Trichloroethane             | ND   | 0.55 | "                 |

## Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

### York Analytical Laboratories, Inc.

| Analyte                                           | Result      | Reporting Limit | Units             | Spike Level | Source* Result | %REC                            | %REC Limits   | Flag     | RPD | RPD Limit | Flag |
|---------------------------------------------------|-------------|-----------------|-------------------|-------------|----------------|---------------------------------|---------------|----------|-----|-----------|------|
| <b>Batch BC21036 - EPA TO15 PREP</b>              |             |                 |                   |             |                |                                 |               |          |     |           |      |
| <b>Blank (BC21036-BLK1)</b>                       |             |                 |                   |             |                | Prepared & Analyzed: 03/26/2012 |               |          |     |           |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND          | 0.78            | ug/m <sup>3</sup> |             |                |                                 |               |          |     |           |      |
| 1,1,2,2-Tetrachloroethane                         | ND          | 0.70            | "                 |             |                |                                 |               |          |     |           |      |
| 1,1,1-Trichloroethane                             | ND          | 0.55            | "                 |             |                |                                 |               |          |     |           |      |
| Dichlorodifluoromethane                           | ND          | 0.50            | "                 |             |                |                                 |               |          |     |           |      |
| Chlorobenzene                                     | ND          | 0.47            | "                 |             |                |                                 |               |          |     |           |      |
| <i>Surrogate: p-Bromofluorobenzene</i>            | <i>8.87</i> |                 | <i>ppbv</i>       | <i>10.0</i> |                | <i>88.7</i>                     | <i>70-130</i> |          |     |           |      |
| <b>LCS (BC21036-BS1)</b>                          |             |                 |                   |             |                | Prepared & Analyzed: 03/26/2012 |               |          |     |           |      |
| Vinyl Chloride                                    | 11.1        |                 | ppbv              | 10.1        |                | 110                             | 70-130        |          |     |           |      |
| Vinyl acetate                                     | 4.31        |                 | "                 | 9.70        |                | 44.4                            | 58.1-135      | Low Bias |     |           |      |
| Trichloroethylene                                 | 9.27        |                 | "                 | 10.2        |                | 90.9                            | 70-130        |          |     |           |      |
| trans-1,3-Dichloropropylene                       | 10.8        |                 | "                 | 9.90        |                | 109                             | 62-135        |          |     |           |      |
| trans-1,2-Dichloroethylene                        | 9.01        |                 | "                 | 9.50        |                | 94.8                            | 58.3-130      |          |     |           |      |
| Toluene                                           | 11.2        |                 | "                 | 10.8        |                | 103                             | 64.9-126      |          |     |           |      |
| Tetrahydrofuran                                   | 10.3        |                 | "                 | 10.2        |                | 101                             | 44.6-146      |          |     |           |      |
| Tetrachloroethylene                               | 10.4        |                 | "                 | 10.5        |                | 99.2                            | 70-130        |          |     |           |      |
| Styrene                                           | 12.5        |                 | "                 | 10.7        |                | 117                             | 66.4-132      |          |     |           |      |
| Propylene                                         | 10.9        |                 | "                 | 11.0        |                | 98.9                            | 62.4-150      |          |     |           |      |
| p-Ethyltoluene                                    | 13.0        |                 | "                 | 10.4        |                | 125                             | 73.8-146      |          |     |           |      |
| p- & m- Xylenes                                   | 23.2        |                 | "                 | 21.0        |                | 110                             | 56.6-136      |          |     |           |      |
| o-Xylene                                          | 12.2        |                 | "                 | 10.8        |                | 112                             | 67.8-133      |          |     |           |      |
| n-Hexane                                          | 9.82        |                 | "                 | 10.3        |                | 95.3                            | 59.7-130      |          |     |           |      |
| n-Heptane                                         | 10.3        |                 | "                 | 10.4        |                | 99.4                            | 62.3-134      |          |     |           |      |
| Methylene chloride                                | 7.04        |                 | "                 | 10.0        |                | 70.4                            | 62.6-130      |          |     |           |      |
| Methyl tert-butyl ether (MTBE)                    | 10.4        |                 | "                 | 10.2        |                | 102                             | 60.7-139      |          |     |           |      |
| 4-Methyl-2-pentanone                              | 8.62        |                 | "                 | 10.0        |                | 86.2                            | 64.5-158      |          |     |           |      |
| Isopropanol                                       | 7.99        |                 | "                 | 9.90        |                | 80.7                            | 60-150        |          |     |           |      |
| Hexachlorobutadiene                               | 13.6        |                 | "                 | 11.0        |                | 123                             | 61.2-150      |          |     |           |      |
| Ethyl Benzene                                     | 11.4        |                 | "                 | 10.7        |                | 107                             | 68.4-125      |          |     |           |      |
| Ethyl acetate                                     | 12.4        |                 | "                 | 10.0        |                | 124                             | 40.6-150      |          |     |           |      |
| Cyclohexane                                       | 9.70        |                 | "                 | 10.2        |                | 95.1                            | 60.4-127      |          |     |           |      |
| cis-1,3-Dichloropropylene                         | 11.0        |                 | "                 | 10.7        |                | 103                             | 65.5-129      |          |     |           |      |
| cis-1,2-Dichloroethylene                          | 9.74        |                 | "                 | 10.5        |                | 92.8                            | 51.3-118      |          |     |           |      |
| Chloromethane                                     | 9.52        |                 | "                 | 10.1        |                | 94.3                            | 64.9-130      |          |     |           |      |
| Chloroform                                        | 9.53        |                 | "                 | 10.0        |                | 95.3                            | 65.1-130      |          |     |           |      |
| Chloroethane                                      | 10.1        |                 | "                 | 10.1        |                | 100                             | 52.1-131      |          |     |           |      |
| Carbon tetrachloride                              | 8.86        |                 | "                 | 10.1        |                | 87.7                            | 70-130        |          |     |           |      |
| Carbon disulfide                                  | 9.04        |                 | "                 | 10.0        |                | 90.4                            | 61.8-111      |          |     |           |      |
| Bromomethane                                      | 9.69        |                 | "                 | 10.2        |                | 95.0                            | 60.1-140      |          |     |           |      |
| Bromoform                                         | 12.1        |                 | "                 | 10.5        |                | 115                             | 58.7-150      |          |     |           |      |
| Bromodichloromethane                              | 10.5        |                 | "                 | 10.2        |                | 103                             | 65.3-127      |          |     |           |      |
| Benzyl chloride                                   | 11.4        |                 | "                 | 10.2        |                | 112                             | 62.5-150      |          |     |           |      |
| Benzene                                           | 10.0        |                 | "                 | 10.4        |                | 96.3                            | 69.5-130      |          |     |           |      |
| Acetone                                           | 9.95        |                 | "                 | 10.0        |                | 99.5                            | 55.3-133      |          |     |           |      |
| 2-Hexanone                                        | 8.19        |                 | "                 | 10.1        |                | 81.1                            | 52-150        |          |     |           |      |
| 2-Butanone                                        | 9.41        |                 | "                 | 10.0        |                | 94.1                            | 28.5-154      |          |     |           |      |
| 1,4-Dioxane                                       | 6.59        |                 | "                 | 10.2        |                | 64.6                            | 50-150        |          |     |           |      |
| 1,4-Dichlorobenzene                               | 12.8        |                 | "                 | 10.6        |                | 121                             | 62.5-139      |          |     |           |      |
| 1,3-Dichlorobenzene                               | 13.1        |                 | "                 | 10.2        |                | 128                             | 71.9-153      |          |     |           |      |
| 1,3-Butadiene                                     | 10.4        |                 | "                 | 10.5        |                | 99.4                            | 66.7-127      |          |     |           |      |
| 1,3,5-Trimethylbenzene                            | 13.1        |                 | "                 | 10.6        |                | 124                             | 65-152        |          |     |           |      |
| 1,2-Dichlorotetrafluoroethane                     | 10.2        |                 | "                 | 10.1        |                | 101                             | 63.3-129      |          |     |           |      |
| 1,2-Dichloropropane                               | 10.1        |                 | "                 | 10.7        |                | 94.8                            | 21.3-152      |          |     |           |      |

**Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data**

**York Analytical Laboratories, Inc.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag | RPD | RPD<br>Limit | Flag |
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|
|---------|--------|--------------------|-------|----------------|-------------------|------|----------------|------|-----|--------------|------|

**Batch BC21036 - EPA TO15 PREP**

**LCS (BC21036-BS1)**

Prepared & Analyzed: 03/26/2012

|                                                   |      |  |      |      |  |      |          |  |  |  |  |
|---------------------------------------------------|------|--|------|------|--|------|----------|--|--|--|--|
| 1,2-Dichloroethane                                | 10.8 |  | ppbv | 10.4 |  | 104  | 51.2-124 |  |  |  |  |
| 1,2-Dichlorobenzene                               | 13.2 |  | "    | 10.6 |  | 125  | 63.7-148 |  |  |  |  |
| 1,2,4-Trimethylbenzene                            | 13.6 |  | "    | 10.7 |  | 127  | 67.9-152 |  |  |  |  |
| 1,2,4-Trichlorobenzene                            | 12.3 |  | "    | 11.0 |  | 112  | 58-147   |  |  |  |  |
| 1,1-Dichloroethylene                              | 9.50 |  | "    | 9.80 |  | 96.9 | 58.1-130 |  |  |  |  |
| 1,1-Dichloroethane                                | 9.95 |  | "    | 10.2 |  | 97.5 | 63.3-130 |  |  |  |  |
| Trichlorofluoromethane (Freon 11)                 | 10.3 |  | "    | 10.5 |  | 97.7 | 56-132   |  |  |  |  |
| 1,1,2-Trichloroethane                             | 10.8 |  | "    | 10.7 |  | 101  | 66-127   |  |  |  |  |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 9.16 |  | "    | 9.70 |  | 94.4 | 60.2-125 |  |  |  |  |
| 1,1,2,2-Tetrachloroethane                         | 10.6 |  | "    | 10.8 |  | 97.8 | 63.7-132 |  |  |  |  |
| 1,1,1-Trichloroethane                             | 10.2 |  | "    | 10.4 |  | 98.6 | 58.2-126 |  |  |  |  |
| Dichlorodifluoromethane                           | 10.4 |  | "    | 10.0 |  | 104  | 62.8-133 |  |  |  |  |
| Chlorobenzene                                     | 11.0 |  | "    | 10.8 |  | 102  | 67.6-122 |  |  |  |  |
| Surrogate: <i>p</i> -Bromofluorobenzene           | 10.6 |  | "    | 10.0 |  | 106  | 70-130   |  |  |  |  |

**Duplicate (BC21036-DUP1)**

\*Source sample: 12C0453-01 (AQ31312:1210NP4-1)

Prepared & Analyzed: 03/26/2012

|                                |     |      |                   |  |     |  |  |  |       |    |  |
|--------------------------------|-----|------|-------------------|--|-----|--|--|--|-------|----|--|
| Vinyl Chloride                 | ND  | 0.86 | ug/m <sup>3</sup> |  | ND  |  |  |  |       | 25 |  |
| Vinyl acetate                  | ND  | 1.2  | "                 |  | ND  |  |  |  |       | 25 |  |
| Trichloroethylene              | 3.4 | 0.45 | "                 |  | 3.3 |  |  |  | 2.67  | 25 |  |
| trans-1,3-Dichloropropylene    | ND  | 0.76 | "                 |  | ND  |  |  |  |       | 25 |  |
| trans-1,2-Dichloroethylene     | ND  | 0.66 | "                 |  | ND  |  |  |  |       | 25 |  |
| Toluene                        | ND  | 0.63 | "                 |  | ND  |  |  |  |       | 25 |  |
| Tetrahydrofuran                | ND  | 0.49 | "                 |  | ND  |  |  |  |       | 25 |  |
| Tetrachloroethylene            | 45  | 1.1  | "                 |  | 45  |  |  |  | 1.01  | 25 |  |
| Styrene                        | ND  | 0.71 | "                 |  | ND  |  |  |  |       | 25 |  |
| Propylene                      | ND  | 0.29 | "                 |  | ND  |  |  |  |       | 25 |  |
| p-Ethyltoluene                 | ND  | 4.1  | "                 |  | ND  |  |  |  |       | 25 |  |
| p- & m- Xylenes                | ND  | 0.73 | "                 |  | ND  |  |  |  |       | 25 |  |
| o-Xylene                       | ND  | 0.73 | "                 |  | ND  |  |  |  |       | 25 |  |
| n-Hexane                       | 6.2 | 0.59 | "                 |  | 6.3 |  |  |  | 0.948 | 25 |  |
| n-Heptane                      | ND  | 0.69 | "                 |  | ND  |  |  |  |       | 25 |  |
| Methylene chloride             | 22  | 0.58 | "                 |  | 21  |  |  |  | 2.16  | 25 |  |
| Methyl tert-butyl ether (MTBE) | ND  | 0.60 | "                 |  | ND  |  |  |  |       | 25 |  |
| 4-Methyl-2-pentanone           | ND  | 0.69 | "                 |  | ND  |  |  |  |       | 25 |  |
| Isopropanol                    | ND  | 0.41 | "                 |  | ND  |  |  |  |       | 25 |  |
| Hexachlorobutadiene            | ND  | 1.8  | "                 |  | ND  |  |  |  |       | 25 |  |
| Ethyl Benzene                  | ND  | 0.73 | "                 |  | ND  |  |  |  |       | 25 |  |
| Ethyl acetate                  | ND  | 0.60 | "                 |  | ND  |  |  |  |       | 25 |  |
| Cyclohexane                    | ND  | 0.58 | "                 |  | ND  |  |  |  |       | 25 |  |
| cis-1,3-Dichloropropylene      | ND  | 0.76 | "                 |  | ND  |  |  |  |       | 25 |  |
| cis-1,2-Dichloroethylene       | 2.5 | 0.66 | "                 |  | 2.5 |  |  |  | 0.00  | 25 |  |
| Chloromethane                  | 1.2 | 0.35 | "                 |  | 1.2 |  |  |  | 2.82  | 25 |  |
| Chloroform                     | 3.2 | 0.82 | "                 |  | 3.1 |  |  |  | 2.60  | 25 |  |
| Chloroethane                   | ND  | 0.44 | "                 |  | ND  |  |  |  |       | 25 |  |
| Carbon tetrachloride           | ND  | 0.53 | "                 |  | ND  |  |  |  |       | 25 |  |
| Carbon disulfide               | 3.7 | 0.52 | "                 |  | 3.5 |  |  |  | 4.32  | 25 |  |
| Bromomethane                   | ND  | 0.65 | "                 |  | ND  |  |  |  |       | 25 |  |
| Bromoform                      | ND  | 1.7  | "                 |  | ND  |  |  |  |       | 25 |  |
| Bromodichloromethane           | ND  | 1.0  | "                 |  | ND  |  |  |  |       | 25 |  |
| Benzyl chloride                | ND  | 0.87 | "                 |  | ND  |  |  |  |       | 25 |  |
| Benzene                        | ND  | 0.53 | "                 |  | ND  |  |  |  |       | 25 |  |
| Acetone                        | 21  | 0.40 | "                 |  | 20  |  |  |  | 2.13  | 25 |  |
| 2-Hexanone                     | ND  | 1.4  | "                 |  | ND  |  |  |  |       | 25 |  |

## Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte                                           | Result                                         | Reporting<br>Limit | Units             | Spike<br>Level | Source*<br>Result | %REC       | %REC<br>Limits                  | Flag | RPD  | RPD<br>Limit | Flag |
|---------------------------------------------------|------------------------------------------------|--------------------|-------------------|----------------|-------------------|------------|---------------------------------|------|------|--------------|------|
| <b>Batch BC21036 - EPA TO15 PREP</b>              |                                                |                    |                   |                |                   |            |                                 |      |      |              |      |
| <b>Duplicate (BC21036-DUP1)</b>                   | *Source sample: 12C0453-01 (AQ31312:1210NP4-1) |                    |                   |                |                   |            | Prepared & Analyzed: 03/26/2012 |      |      |              |      |
| 2-Butanone                                        | 2.8                                            | 0.49               | ug/m <sup>3</sup> |                | 2.8               |            |                                 |      | 0.00 | 25           |      |
| 1,4-Dioxane                                       | ND                                             | 6.0                | "                 |                | ND                |            |                                 |      |      | 25           |      |
| 1,4-Dichlorobenzene                               | ND                                             | 1.0                | "                 |                | ND                |            |                                 |      |      | 25           |      |
| 1,3-Dichlorobenzene                               | ND                                             | 1.0                | "                 |                | ND                |            |                                 |      |      | 25           |      |
| 1,3-Butadiene                                     | ND                                             | 0.73               | "                 |                | ND                |            |                                 |      |      | 25           |      |
| 1,3,5-Trimethylbenzene                            | ND                                             | 1.6                | "                 |                | ND                |            |                                 |      |      | 25           |      |
| 1,2-Dichlorotetrafluoroethane                     | ND                                             | 1.2                | "                 |                | ND                |            |                                 |      |      | 25           |      |
| 1,2-Dichloropropane                               | ND                                             | 0.77               | "                 |                | ND                |            |                                 |      |      | 25           |      |
| 1,2-Dichloroethane                                | ND                                             | 0.68               | "                 |                | ND                |            |                                 |      |      | 25           |      |
| 1,2-Dichlorobenzene                               | ND                                             | 1.0                | "                 |                | ND                |            |                                 |      |      | 25           |      |
| 1,2,4-Trimethylbenzene                            | ND                                             | 4.1                | "                 |                | ND                |            |                                 |      |      | 25           |      |
| 1,2,4-Trichlorobenzene                            | ND                                             | 1.2                | "                 |                | ND                |            |                                 |      |      | 25           |      |
| 1,1-Dichloroethylene                              | ND                                             | 0.66               | "                 |                | ND                |            |                                 |      |      | 25           |      |
| 1,1-Dichloroethane                                | 5.0                                            | 0.68               | "                 |                | 5.0               |            |                                 |      | 0.00 | 25           |      |
| Trichlorofluoromethane (Freon 11)                 | 2.3                                            | 0.94               | "                 |                | 2.4               |            |                                 |      | 4.08 | 25           |      |
| 1,1,2-Trichloroethane                             | ND                                             | 0.91               | "                 |                | ND                |            |                                 |      |      | 25           |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND                                             | 1.3                | "                 |                | ND                |            |                                 |      |      | 25           |      |
| 1,1,2,2-Tetrachloroethane                         | ND                                             | 1.1                | "                 |                | ND                |            |                                 |      |      | 25           |      |
| 1,1,1-Trichloroethane                             | 13                                             | 0.91               | "                 |                | 12                |            |                                 |      | 2.96 | 25           |      |
| Dichlorodifluoromethane                           | 2.2                                            | 0.83               | "                 |                | 2.3               |            |                                 |      | 3.64 | 25           |      |
| Chlorobenzene                                     | ND                                             | 0.77               | "                 |                | ND                |            |                                 |      |      | 25           |      |
| <i>Surrogate: p-Bromofluorobenzene</i>            | <i>10.1</i>                                    |                    | <i>ppbv</i>       | <i>10.0</i>    |                   | <i>101</i> | <i>70-130</i>                   |      |      |              |      |

**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.

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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.

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Corrective Action:

