

### SAMPLE SUMMARY

Workorder: 1027149 2nd Qtr TTHM/HAA

Discard Date: 06/13/2013

| Lab ID     | Sample ID   | Matrix         | Date Collected | Date Received | Collected By |
|------------|-------------|----------------|----------------|---------------|--------------|
| 1027149001 | Maximum 001 | Drinking Water | 5/15/13 11:05  | 5/16/13 10:29 | Customer     |

#### Workorder Comments:

#### Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.

#### Standard Acronyms/Flags

|        |  |
|--------|--|
| J, B   | Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte |
| U      | Indicates that the analyte was Not Detected (ND)   |
| N      | Indicates presumptive evidence of the presence of a compound   |
| MDL    | Method Detection Limit   |
| PQL    | Practical Quantitation Limit   |
| RDL    | Reporting Detection Limit  |
| ND     | Not Detected - indicates that the analyte was Not Detected at the RDL  |
| Cntr   | Analysis was performed using this container  |
| RegLmt | Regulatory Limit   |
| LCS    | Laboratory Control Sample  |
| MS     | Matrix Spike   |
| MSD    | Matrix Spike Duplicate   |
| DUP    | Sample Duplicate   |
| %Rec   | Percent Recovery   |
| RPD    | Relative Percent Difference  |

### ALS Environmental Laboratory Locations Across North America

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**ANALYTICAL RESULTS**

Workorder: 1027149 2nd Qtr TTHM/HAA

Lab ID: 1027149001  
Sample ID: Maximum 001

Date Collected: 5/15/2013 11:05  
Date Received: 5/16/2013 10:29

Matrix: Drinking Water

| Parameters                    | Results        | Flag        | Units        | RDL           | Method        | Prepared By        | Analyzed        | By        | Cntr        |
|-------------------------------|----------------|-------------|--------------|---------------|---------------|--------------------|-----------------|-----------|-------------|
| <b>VOLATILE ORGANICS</b>      |                |             |              |               |               |                    |                 |           |             |
| Bromodichloromethane          | 11.6           |             | ug/L         | 0.50          | EPA 524.2     |                    | 5/29/13 03:51   | DRS       | B           |
| Bromoform                     | ND             |             | ug/L         | 0.50          | EPA 524.2     |                    | 5/29/13 03:51   | DRS       | B           |
| Chlorodibromomethane          | 2.5            |             | ug/L         | 0.50          | EPA 524.2     |                    | 5/29/13 03:51   | DRS       | B           |
| Chloroform                    | 31.2           |             | ug/L         | 0.50          | EPA 524.2     |                    | 5/29/13 03:51   | DRS       | B           |
| Total Trihalomethanes         | 45.4           |             | ug/L         | 0.50          | EPA 524.2     |                    | 5/29/13 03:51   | DRS       | B           |
| <i>Surrogate Recoveries</i>   | <i>Results</i> | <i>Flag</i> | <i>Units</i> | <i>Limits</i> | <i>Method</i> | <i>Prepared By</i> | <i>Analyzed</i> | <i>By</i> | <i>Cntr</i> |
| 1,2-Dichlorobenzene-d4 (S)    | 100            |             | %            | 70-130        | EPA 524.2     |                    | 5/29/13 03:51   | DRS       | B           |
| 4-Bromofluorobenzene (S)      | 91.8           |             | %            | 70-130        | EPA 524.2     |                    | 5/29/13 03:51   | DRS       | B           |
| <b>HALOACETIC ACID</b>        |                |             |              |               |               |                    |                 |           |             |
| TOTAL HAA                     | 39.4           |             | ug/L         | 1.0           | EPA 552.2     | 5/23/13 JEK        | 5/29/13 20:34   | KJH       | C1          |
| Bromochloroacetic NOT FOR PA  | 3.9            |             | ug/L         | 1.0           | EPA 552.2     | 5/23/13 JEK        | 5/29/13 20:34   | KJH       | C1          |
| Dibromoacetic                 | 1.9            |             | ug/L         | 1.0           | EPA 552.2     | 5/23/13 JEK        | 5/29/13 20:34   | KJH       | C1          |
| Dichloroacetic                | 21.8           |             | ug/L         | 1.0           | EPA 552.2     | 5/23/13 JEK        | 5/29/13 20:34   | KJH       | C1          |
| Monobromoacetic               | ND             |             | ug/L         | 1.0           | EPA 552.2     | 5/23/13 JEK        | 5/29/13 20:34   | KJH       | C1          |
| Monochloroacetic              | 2.5            |             | ug/L         | 2.0           | EPA 552.2     | 5/23/13 JEK        | 5/29/13 20:34   | KJH       | C1          |
| Trichloroacetic               | 13.2           |             | ug/L         | 1.0           | EPA 552.2     | 5/23/13 JEK        | 5/29/13 20:34   | KJH       | C1          |
| <i>Surrogate Recoveries</i>   | <i>Results</i> | <i>Flag</i> | <i>Units</i> | <i>Limits</i> | <i>Method</i> | <i>Prepared By</i> | <i>Analyzed</i> | <i>By</i> | <i>Cntr</i> |
| 2,3-Dibromopropionic Acid (S) | 108            |             | %            | 70-130        | EPA 552.2     | 5/23/13 JEK        | 5/29/13 20:34   | KJH       | C1          |

**Sample Comments:**
  
Anna G Milliken  
Technical Manager

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