

### SAMPLE SUMMARY

Workorder: 1044338 3rd Qtr TTHM/HAA

Discard Date: 09/13/2013

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
1044338001	Maximum 001	Drinking Water	8/14/13 13:20	8/23/13 09:35	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.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

#### 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

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**ANALYTICAL RESULTS**

Workorder: 1044338 3rd Qtr TTHM/HAA

 Lab ID: **1044338001**  
 Sample ID: **Maximum 001**

 Date Collected: 8/14/2013 13:20  
 Date Received: 8/23/2013 09:35

Matrix: Drinking Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
<b>VOLATILE ORGANICS</b>									
Bromodichloromethane	16.3		ug/L	0.50	EPA 524.2		8/27/13 18:17	TMP	A
Bromoform	ND		ug/L	0.50	EPA 524.2		8/27/13 18:17	TMP	A
Chlorodibromomethane	4.2		ug/L	0.50	EPA 524.2		8/27/13 18:17	TMP	A
Chloroform	42.3		ug/L	0.50	EPA 524.2		8/27/13 18:17	TMP	A
Total Trihalomethanes	62.8		ug/L	0.50	EPA 524.2		8/27/13 18:17	TMP	A
<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)	72		%	70-130	EPA 524.2		8/27/13 18:17	TMP	A
4-Bromofluorobenzene (S)	82.8		%	70-130	EPA 524.2		8/27/13 18:17	TMP	A
<b>HALOACETIC ACID</b>									
TOTAL HAA	37.2		ug/L	1.0	EPA 552.2	8/28/13 KMR	8/29/13 23:54	JLH	C1
Bromochloroacetic NOT FOR PA	2.6		ug/L	1.0	EPA 552.2	8/28/13 KMR	8/29/13 23:54	JLH	C1
Dibromoacetic	1.8		ug/L	1.0	EPA 552.2	8/28/13 KMR	8/29/13 23:54	JLH	C1
Dichloroacetic	14.2		ug/L	1.0	EPA 552.2	8/28/13 KMR	8/29/13 23:54	JLH	C1
Monobromoacetic	ND		ug/L	1.0	EPA 552.2	8/28/13 KMR	8/29/13 23:54	JLH	C1
Monochloroacetic	ND		ug/L	2.0	EPA 552.2	8/28/13 KMR	8/29/13 23:54	JLH	C1
Trichloroacetic	21.3		ug/L	1.0	EPA 552.2	8/28/13 KMR	8/29/13 23:54	JLH	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)	86.4		%	70-130	EPA 552.2	8/28/13 KMR	8/29/13 23:54	JLH	C1

**Sample Comments:**


 Kelli Wolfgang  
 Project Coordinator

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