

**District Board of Health Laboratory Services**

Date: 08-Mar-16

116 Westchester Drive, Austintown, Ohio 44515-3963

Phone: (330) 270-2841 Fax: (330) 270-5418 Email: sbolam@mahoninghealth.org

**Attn:** Keith Rees  
 Mahoning Valley Sanitary District  
 P.O. Box 4119  
 Youngstown, OH 44515-  
 TEL: (330) 652-3614  
 FAX: (330) 652-6293

**Lab Order:** 1601123

**Project:** RS001

**Report of Analysis**

Lab ID: 1601123-001

Collection Date: 1/11/2016 10:25 AM

Client Sample ID Raw Water

Sample Sink

Matrix: Drinking Water

Analyses **BA&line** Result Reporting Limit Units DF Date Analyzed

Analyses	Result	Reporting Limit	Units	DF	Date Analyzed
<b>CONDUCTIVITY</b> EPA 120.1					
Conductivity	460	199	umhos/cm	1	1/28/2016
<b>pH</b> EPA 150.1					
pH	7.56	7.18	ph Units	1	1/28/2016
<b>SOLIDS DISSOLVED</b> EPA 160.1					
Total Dissolved Solids	310	390	mg/L	1	1/15/2016
<b>Solids, Suspended</b> EPA 160.2					
Total Suspended Solids	2.0	< 5.00	mg/L	1	1/15/2016
<b>Oil &amp; Grease</b> EPA 1664					
Oil & Grease	ND	< 1.00	mg/L	1	2/1/2016
<b>Manganese</b> EPA 200.7					
Manganese	0.088 mg/L	37.2	ug/L	1	2/3/2016
Barium	ND	22.4	ug/L	1	2/3/2016
Calcium	29	160	mg/L	1	1/29/2016
Chromium	ND	< 1.00	ug/L	1	2/3/2016
Iron	ND	< 100	ug/L	1	1/29/2016
Magnesium	11	12.2	mg/L	1	1/29/2016
Sodium	48	33.0	mg/L	1	1/29/2016
Strontium	0.13 mg/L	120	ug/L	1	2/3/2016
Potassium	4.7	5.10	mg/L	1	1/29/2016
<b>Arsenic</b> EPA 206.2					
Arsenic	ND	1.80	ug/L	1	2/3/2016
<b>Lead, DW</b> EPA 239.2					
Lead	ND	< 5.00	ug/L	1	2/3/2016
<b>Selenium</b> EPA 270.2					
Selenium	ND				

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
 DF Dilution Factor  
 H Holding times for preparation or analysis exceeded  
 ND Not Detected at the Reporting Limit  
 B Analyte detected in the associated Method Blank  
 E Value above quantitation range  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits

**District Board of Health Laboratory Services**

Date: 08-Mar-16

116 Westchester Drive, Austintown, Ohio 44515-3963  
 Phone: (330) 270-2841 Fax: (330) 270-5418 Email: sbolam@mahoninghealth.org

**Attn:** Keith Rees  
 Mahoning Valley Sanitary District  
 P.O. Box 4119  
 Youngstown, OH 44515-  
 TEL: (330) 652-3614  
 FAX: (330) 652-6293

**Lab Order:** 1601123

**Project:** RS001

**Report of Analysis**

		<i>Baseline</i>				
Selenium	ND	< 1.00	1	ug/L	1	2/3/2016
<b>Alkalinity</b>		<b>EPA 310.1</b>				
Alkalinity	70	69.3	1	mg/L	1	1/28/2016
<b>CHLORIDE</b>		<b>EPA 325.3</b>				
Chloride	66	45.0	0.5	mg/L	1	2/2/2016
<b>SULFATE</b>		<b>EPA 375.3</b>				
Sulfate	95	36.0	0.1	mg/L	1	2/2/2016
<b>MBAS</b>		<b>EPA 425.1</b>				
MBAS	ND	< 1.00	1	mg/L	1	1/13/2016
<b>BTEX</b>		<b>EPA 524.2</b>				
Xylenes, Total	0.71 mg/L	< 0.500	0.5	ug/L	1	1/27/2016
Benzene	ND "	< 0.500	0.5	ug/L	1	1/27/2016
Toluene	ND "	< 0.500	0.5	ug/L	1	1/27/2016
Ethylbenzene	ND "	< 0.500	0.5	ug/L	1	1/27/2016
<b>Bromide</b>		<b>M4500-Br B</b>				
Bromide	< 0.2	< 0.100	0.1	mg/L	1	2/2/2016
<b>Methane</b>		<b>RSKSOP-175</b>				
Methane	ND	< 0.0149	0.0149	mg/L	1	2/1/2016
<b>HARDNESS</b>		<b>SM 2340B</b>				
Hardness	120	450	10	mg/L	1	1/29/2016

**Qualifiers:**

* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
DF Dilution Factor	E Value above quantitation range
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit	S Spike Recovery outside accepted recovery limits