

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	Result	Reporting Limit	Units	DF	Date Analyzed
CONDUCTIVITY					
Conductivity	460	199	umhos/cm	1	1/28/2016
pH					
pH	7.56	7.18	ph Units	1	1/28/2016
SOLIDS DISSOLVED					
Total Dissolved Solids	310	390	mg/L	1	1/15/2016
Solids, Suspended					
Total Suspended Solids	2.0	< 5.00	mg/L	1	1/15/2016
Oil & Grease					
Oil & Grease	ND	< 1.00	mg/L	1	2/1/2016
Manganese					
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
Arsenic					
Arsenic	ND	1.80	ug/L	1	2/3/2016
Lead, DW					
Lead	ND	< 5.00	ug/L	1	2/3/2016
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
Alkalinity		EPA 310.1				
Alkalinity	70	69.3	1	mg/L	1	1/28/2016
CHLORIDE		EPA 325.3				
Chloride	66	45.0	0.5	mg/L	1	2/2/2016
SULFATE		EPA 375.3				
Sulfate	95	36.0	0.1	mg/L	1	2/2/2016
MBAS		EPA 425.1				
MBAS	ND	< 1.00	1	mg/L	1	1/13/2016
BTEX		EPA 524.2				
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
Bromide		M4500-Br B				
Bromide	< 0.2	< 0.100	0.1	mg/L	1	2/2/2016
Methane		RSKSOP-175				
Methane	ND	< 0.0149	0.0149	mg/L	1	2/1/2016
HARDNESS		SM 2340B				
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