

District Board of Health Laboratory Services

Date: 10-Nov-15

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: 15090188

Project: MVSD

Report of Analysis

Lab ID: 15090188-001 **Collection Date:** 9/29/2015 10:15 AM

Client Sample ID RS001 **Raw Water Sample Sink** **Matrix:** Drinking Water

Analyses	Base	Result	Reporting Limit	Units	DF	Date Analyzed
CONDUCTIVITY						
Conductivity	460	385	1	umhos/cm	1	10/6/2015
pH						
pH	7.56	6.22		ph Units	1	9/29/2015
SOLIDS DISSOLVED						
Total Dissolved Solids	310	258	1	mg/L	1	9/29/2015
Solids, Suspended						
Total Suspended Solids	2.0	< 5.00	5	mg/L	1	10/6/2015
Oil & Grease						
Oil & Grease	ND	< 4.20	4.2	mg/L	1	10/15/2015
Turbidity						
Turbidity	2.5	2.37	0.1	NTU	1	10/6/2015
Arsenic, SUB						
Arsenic	ND	< 3	3	ug/L	1	11/5/2015
Manganese						
Manganese	0.088 mg/L	653	10	ug/L	1	11/5/2015
Barium	ND mg/L	< 100	100	ug/L	1	11/5/2015
Calcium	29	30.5		mg/L	1	11/5/2015
Chromium	ND	< 20.0	20	ug/L	1	11/5/2015
Iron	ND mg/L	108	50	ug/L	1	11/5/2015
Magnesium	11	10.1	0.1	mg/L	1	11/5/2015
Sodium	48	75.4	0.1	mg/L	1	11/5/2015
Potassium	4.7	6.82	0.1	mg/L	1	11/5/2015
Strontium	0.13 mg/L	103		ug/L	1	11/5/2015
Lead, DW						
EPA 239.2						

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

District Board of Health Laboratory Services

Date: 10-Nov-15

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: 15090188

Project: MVSD

Report of Analysis

		Base				
Lead	ND	< 5.00	5	ug/L	1	11/5/2015
Alkalinity		EPA 310.1				
Alkalinity	70	25.0	1	mg/L	1	10/30/2015
CHLORIDE		EPA 325.3				
Chloride	66	7.57	1	mg/L	1	10/27/2015
SULFATE		EPA 375.3				
Sulfate	95	153	1	mg/L	1	10/23/2015
MBAS		EPA 425.1				
MBAS	ND	< 1.00	1	mg/L	1	10/1/2015
BTEX		EPA 524.2				
Toluene	ND mg/L	< 0.500	0.5	ug/L	1	10/15/2015
Benzene	ND mg/L	< 0.500	0.5	ug/L	1	10/15/2015
Ethylbenzene	ND mg/L	< 0.500	0.5	ug/L	1	10/15/2015
Xylenes, Total	0.71 mg/L	< 0.500	0.5	ug/L	1	10/15/2015
Bromide		M4500-Br B				
Bromide	< 0.2	< 0.100	0.1	mg/L	1	10/12/2015
Nitrates (Nitrate + Nitrite)		M4500-NO3 D				
Nitrates (Nitrate + Nitrite)	ND	< 0.500	0.5	mg/L	1	10/22/2015
Methane		RSKSOP-175				
Methane	ND	0.823	0.01	mg/L	1	10/12/2015
HARDNESS		SM 2340B				
Hardness	120	118	10	mg/L	1	11/5/2015
Selenium_SUB		SM 3113B				
Selenium	ND	< 4.00	4	ug/L	1	11/5/2015

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