



Certified Water Testing

VELAP ID: 460012
 VA DW ID: 00240
 EPA ID: VA00050

1851 Rippon Boulevard
 Woodbridge, VA 22191
 703-393-2071

Average Point of Entry Analytical Report 2021

Point of Entry: 10298 Mill Street (East)

Test	MCL	Units	RL	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Alkalinity		mg/L	20	40.2	53.6	67.0	52.2
Aluminum		µg/L	25	BRL	BRL	27.3	BRL
Antimony		µg/L	2	BRL	BRL	BRL	BRL
Arsenic	10	µg/L	1	BRL	BRL	BRL	BRL
Barium		µg/L	5	20.3	39.3	39.9	25.6
Beryllium		µg/L	1	BRL	BRL	BRL	BRL
Cadmium		µg/L	1	BRL	BRL	BRL	BRL
Calcium		mg/L	2	17.4	22.5	26.8	21.8
Chromium		µg/L	1	BRL	BRL	BRL	BRL
Cl2, Free		mg/L	0.1		3.0	3.9	
Cl2, Total		mg/L	0.1	3.7	3.6	3.9	3.8
Conductivity		umhos/cm	10	277.1	389.9	433.1	313.9
Copper	1300	µg/L	1	BRL	3.4	2.5	2.3
Hardness		mg/L	5	66.0	84.0	98.0	78.0
Iron		µg/L	5	BRL	6.2	BRL	BRL
Lead	15	µg/L	1	BRL	BRL	BRL	BRL
Manganese		µg/L	5	6.0	BRL	BRL	BRL
Nickel		µg/L	1	BRL	1.1	1.4	BRL
NO2	1	mg/L	0.02	0.0	BRL	BRL	0.0
NO2+NO3	10	mg/L	0.2	0.9	0.5	0.7	1.1
NO3	10	mg/L	0.18	0.9	0.5	0.7	1.1
o-PO4		mg/L	0.05	1.8	1.5	1.3	1.5
o-PO4 as P		mg/L	Calc	0.6	0.5	0.4	0.5
Selenium	50	µg/L	1	BRL	BRL	BRL	BRL
Silver		µg/L	5	BRL	BRL	BRL	BRL
Sodium		mg/L	2	24.6	39.7	40.5	28.3
Temperature		°C	-10		18.2	24.7	16.8
Thallium		µg/L	1	BRL	BRL	BRL	BRL
Total HAA	60	µg/L	1	1.7	6.1	5.0	7.0
Total THM	80	µg/L	0.5	3.3	10.5	13.1	10.0
Turbidity		NTU	0.1	BRL	BRL	0.2	0.2
Zinc		µg/L	5	BRL	BRL	BRL	BRL

MCL = Maximum Contamination Level
mg/L = milligrams per liter, parts per million
SU = Standard Units
C = Celcius
µg/L = micrograms per liter, parts per billion
NTU = Nephelometric Turbidity Units
µmhos/cm = micromhos per centimeter
RL = Reporting Limit
BRL = Below Reporting Limit

Note: some of the data is averaged and based on multiple collections.

Report No. 220307111557



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Average Point of Entry Analytical Report 2021

Point of Entry: 14329 Glenkirk Road (West)

Test	MCL	Units	RL	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Alkalinity		mg/L	20	30.2	36.9	38.5	43.8
Aluminum		µg/L	25	BRL	BRL	27.4	BRL
Antimony		µg/L	2	BRL	BRL	BRL	BRL
Arsenic	10	µg/L	1	BRL	BRL	BRL	BRL
Barium		µg/L	5	19.8	25.7	22.9	9.7
Beryllium		µg/L	1	BRL	BRL	BRL	BRL
Cadmium		µg/L	1	BRL	BRL	BRL	BRL
Calcium		mg/L	2	10.6	14.1	13.7	14.0
Chromium		µg/L	1	BRL	BRL	BRL	BRL
Cl2, Free		mg/L	0.1		3.1	2.9	
Cl2, Total		mg/L	0.1	3.4	3.3	2.9	3.2
Conductivity		umhos/cm	10	197.9	279.6	292.2	264.6
Copper	1300	µg/L	1	BRL	3.0	2.6	1.7
Hardness		mg/L	5	44.0	56.0	60.0	58.0
Iron		µg/L	5	BRL	BRL	BRL	BRL
Lead	15	µg/L	1	BRL	BRL	BRL	BRL
Manganese		µg/L	5	BRL	BRL	BRL	BRL
Nickel		µg/L	1	BRL	BRL	BRL	BRL
NO2	1	mg/L	0.02	0.0	BRL	0.0	0.0
NO2+NO3	10	mg/L	0.2	0.5	BRL	BRL	BRL
NO3	10	mg/L	0.18	0.5	0.2	BRL	BRL
o-PO4		mg/L	0.05	1.6	1.1	1.3	1.5
o-PO4 as P		mg/L	Calc	0.5	0.4	0.4	0.5
Selenium	50	µg/L	1	BRL	BRL	BRL	BRL
Silver		µg/L	5	BRL	BRL	BRL	BRL
Sodium		mg/L	2	18.4	29.9	29.8	29.0
Temperature		°C	-10		18.2	26.7	15.4
Thallium		µg/L	1	BRL	BRL	BRL	BRL
Total HAA	60	µg/L	1	15.3	19.1	20.0	20.0
Total THM	80	µg/L	0.5	20.3	25.9	31.7	29.0
Turbidity		NTU	0.1	0.1	BRL	0.1	0.2
Zinc		µg/L	5	BRL	BRL	BRL	BRL

MCL = Maximum Contamination Level
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Average Point of Entry Analytical Report 2021

Point of Entry: 8230 Patton Lane (West)

Test	MCL	Units	RL	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Alkalinity		mg/L	20	107.2	83.8	100.5	109.4
Aluminum		µg/L	25	BRL	29.1	82.7	28.0
Antimony		µg/L	2	BRL	BRL	BRL	BRL
Arsenic	10	µg/L	1	BRL	BRL	BRL	BRL
Barium		µg/L	5	35.7	49.3	47.2	40.1
Beryllium		µg/L	1	BRL	BRL	BRL	BRL
Cadmium		µg/L	1	BRL	BRL	BRL	BRL
Calcium		mg/L	2	46.9	34.9	31.2	44.5
Chromium		µg/L	1	BRL	BRL	1.1	BRL
Cl2, Free		mg/L	0.1		3.4	3.7	
Cl2, Total		mg/L	0.1	4.1	3.6	3.7	3.8
Conductivity		umhos/cm	10	405.3	321.3	430.8	396.3
Copper	1300	µg/L	1	BRL	2.1	1.6	1.1
Hardness		mg/L	5	162.0	122.0	158.0	160.0
Iron		µg/L	5	BRL	BRL	5.7	12.7
Lead	15	µg/L	1	BRL	BRL	BRL	BRL
Manganese		µg/L	5	BRL	BRL	BRL	BRL
Nickel		µg/L	1	BRL	1.6	2.2	1.7
NO2	1	mg/L	0.02	BRL	BRL	0.0	0.0
NO2+NO3	10	mg/L	0.2	1.7	0.9	0.5	1.0
NO3	10	mg/L	0.18	1.7	0.9	0.5	1.0
o-PO4		mg/L	0.05	1.3	1.2	1.3	1.4
o-PO4 as P		mg/L	Calc	0.4	0.4	0.4	0.5
Selenium	50	µg/L	1	BRL	BRL	BRL	BRL
Silver		µg/L	5	BRL	BRL	BRL	BRL
Sodium		mg/L	2	13.9	12.4	19.0	17.5
Temperature		°C	-10		19.4	26.5	16.5
Thallium		µg/L	1	BRL	BRL	BRL	BRL
Total HAA	60	µg/L	1	BRL	10.9	5.0	6.0
Total THM	80	µg/L	0.5	1.2	12.3	13.1	9.6
Turbidity		NTU	0.1	BRL	BRL	0.3	0.2
Zinc		µg/L	5	BRL	BRL	BRL	BRL

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