



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 2020

### Point of Entry: 10298 Mill Street (East)

Test	MCL	Units	RL	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Alkalinity		mg/L	20	33.3	40.2	62.3	46.4
Aluminum		µg/L	25	BRL	BRL	BRL	BRL
Antimony		µg/L	2	BRL	BRL	BRL	BRL
Arsenic	10	µg/L	2	BRL	BRL	BRL	BRL
Barium		µg/L	25	BRL	BRL	26.8	BRL
Beryllium		µg/L	2	BRL	BRL	BRL	BRL
Cadmium		µg/L	2	BRL	BRL	BRL	BRL
Calcium		mg/L	2	14.5	14.4	22.0	15.8
Chromium		µg/L	5	BRL	BRL	BRL	BRL
Cl2, Total		mg/L	0.1	3.7	3.3	4.0	4.1
Conductivity		umhos/cm	10	270.7	225.5	316.9	230.0
Copper	1300	µg/L	25	BRL	BRL	BRL	BRL
Hardness		mg/L	5	56.0	48.0	80.0	58.0
Iron		µg/L	5	BRL	BRL	BRL	BRL
Lead	15	µg/L	2	BRL	BRL	BRL	BRL
Manganese		µg/L	25	BRL	BRL	BRL	BRL
Nickel		µg/L	5	BRL	BRL	BRL	BRL
NO2	1	mg/L	0.02	BRL		BRL	BRL
NO2+NO3	10	mg/L	0.2	0.8	0.7	0.8	0.6
NO3	10	mg/L	0.18	0.8		0.8	0.6
o-PO4		mg/L	0.05	1.4	1.5	1.5	0.5
Selenium	50	µg/L	2	BRL	BRL	BRL	BRL
Silver		µg/L	5	BRL	BRL	BRL	BRL
Sodium		mg/L	2	27.9	19.8	29.0	19.9
Thallium		µg/L	2	BRL	BRL	BRL	BRL
Total HAA	60	µg/L	1	4.0	20.0	9.0	14.7
Total THM	80	µg/L	1	5.1	25.1	16.5	16.5
Turbidity		NTU	0.1	0.3	BRL	BRL	0.2
Zinc		µg/L	25	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  
 umhos/cm = micromhos per centimeter  
 RL = Reporting Limit  
 BRL = Below Reporting Limit

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

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## Average Point of Entry Analytical Report 2020

### Point of Entry: 14329 Glenkirk Road (West)

Test	MCL	Units	RL	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Alkalinity		mg/L	20	36.7	33.5	38.7	46.4
Aluminum		µg/L	25	BRL	BRL	33.8	BRL
Antimony		µg/L	2	BRL	BRL	BRL	BRL
Arsenic	10	µg/L	2	BRL	BRL	BRL	BRL
Barium		µg/L	25	BRL	BRL	BRL	BRL
Beryllium		µg/L	2	BRL	BRL	BRL	BRL
Cadmium		µg/L	2	BRL	BRL	BRL	BRL
Calcium		mg/L	2	13.0	11.2	11.4	12.6
Chromium		µg/L	5	BRL	BRL	BRL	BRL
Cl2, Total		mg/L	0.1	2.8	3.3	3.2	3.3
Conductivity		umhos/cm	10	212.6	192.8	205.9	217.3
Copper	1300	µg/L	25	BRL	BRL	BRL	BRL
Hardness		mg/L	5	52.0	46.0	50.0	50.0
Iron		µg/L	5	BRL	BRL	BRL	6.2
Lead	15	µg/L	2	BRL	BRL	BRL	BRL
Manganese		µg/L	4	BRL	BRL	BRL	BRL
Nickel		µg/L	5	BRL	BRL	BRL	BRL
NO2	1	mg/L	0.02	BRL	BRL	BRL	BRL
NO2+NO3	10	mg/L	0.2	0.4	0.2	BRL	BRL
NO3	10	mg/L	0.18	0.4	0.2	BRL	BRL
o-PO4		mg/L	0.05	0.9	1.2	1.4	0.4
Selenium	50	µg/L	2	BRL	BRL	BRL	BRL
Silver		µg/L	5	BRL	BRL	BRL	BRL
Sodium		mg/L	2	19.4	17.9	19.7	22.1
Thallium		µg/L	2	BRL	BRL	BRL	BRL
Total HAA	60	µg/L	1	14.0	20.0	24.0	25.2
Total THM	80	µg/L	1	17.8	31.4	42.6	31.0
Turbidity		NTU	0.1	0.8	BRL	0.1	0.5
Zinc		µg/L	25	BRL	BRL	BRL	BRL

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## Average Point of Entry Analytical Report 2020

### Point of Entry: 8230 Patton Lane (West)

Test	MCL	Units	RL	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Alkalinity		mg/L	20	70.0	46.9	99.3	117.7
Aluminum		µg/L	25	BRL	BRL	73.1	BRL
Antimony		µg/L	2	BRL	BRL	BRL	BRL
Arsenic	10	µg/L	2	BRL	BRL	BRL	BRL
Barium		µg/L	25	30.1	BRL	40.9	39.5
Beryllium		µg/L	2	BRL	BRL	BRL	BRL
Cadmium		µg/L	2	BRL	BRL	BRL	BRL
Calcium		mg/L	2	32.6	17.6	36.7	45.9
Chromium		µg/L	5	BRL	BRL	BRL	BRL
Cl <sub>2</sub> , Total		mg/L	0.1	3.8	2.8	3.4	4.0
Conductivity		umhos/cm	10	287.9	206.7	375.8	414.9
Copper	1300	µg/L	25	BRL	BRL	BRL	BRL
Hardness		mg/L	5	110.0	64.0	152.0	174.0
Iron		µg/L	5	BRL	BRL	BRL	7.0
Lead	15	µg/L	2	BRL	BRL	BRL	BRL
Manganese		µg/L	25	BRL	BRL	BRL	BRL
Nickel		µg/L	5	BRL	BRL	BRL	BRL
NO <sub>2</sub>	1	mg/L	0.02	BRL		BRL	0.0
NO <sub>2</sub> +NO <sub>3</sub>	10	mg/L	0.2	1.6	0.7	0.7	0.7
NO <sub>3</sub>	10	mg/L	0.18	1.6		0.7	0.7
o-PO <sub>4</sub>		mg/L	0.05	1.3	1.4	1.1	0.5
Selenium	50	µg/L	2	BRL	BRL	BRL	BRL
Silver		µg/L	5	BRL	BRL	BRL	BRL
Sodium		mg/L	2	11.7	12.6	16.0	16.4
Thallium		µg/L	2	BRL	BRL	BRL	BRL
Total HAA	60	µg/L	1	2.0	25.0	9.0	4.1
Total THM	80	µg/L	1	5.1	27.4	22.0	6.9
Turbidity		NTU	0.1	0.4	BRL	0.2	0.1
Zinc		µg/L	25	BRL	BRL	BRL	BRL

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