



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 2022

Point of Entry: 10298 Mill Street (East)

Test	MCL	Units	RL	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Alkalinity		mg/L	20	43.8	53.6	67.0	70.5
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	29.7	39.3	39.9	40.1
Beryllium		µg/L	1	BRL	BRL	BRL	BRL
Cadmium		µg/L	1	BRL	BRL	BRL	BRL
Calcium		mg/L	2	30.5	22.5	26.8	33.5
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	3.9
Conductivity		umhos/cm	10	587.6	389.9	433.1	436.0
Copper	1300	µg/L	1	3.5	3.4	2.6	2.3
Hardness		mg/L	5	92.0	84.0	98.0	114.0
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
Molybdenum		µg/L	2			BRL	BRL
Nickel		µg/L	1	1.1	1.1	1.4	1.4
NO2	1	mg/L	0.02	0.0	BRL	0.0	0.0
NO2+NO3	10	mg/L	0.2	0.9	0.6	0.7	1.7
NO3	10	mg/L	0.18	0.9	0.6	0.7	1.7
o-PO4		mg/L	0.05	1.8	1.6	1.6	1.5
o-PO4 as P		mg/L	Calc	0.6	0.5	0.5	0.5
pH		SU	1		7.2	7.4	7.2
Selenium	50	µg/L	1	BRL	BRL	BRL	BRL
Silver		µg/L	5	BRL	BRL	BRL	BRL
Sodium		mg/L	2	67.6	39.7	40.5	35.6
Temperature		°C	-10	5.1	18.2	25.0	16.8
Thallium		µg/L	1	BRL	BRL	BRL	BRL
Total HAA	60	µg/L	1	3.0	9.0	8.0	7.0
Total THM	80	µg/L	0.5	6.5	12.6	15.9	12.0
Turbidity		NTU	0.1	BRL	0.2	0.2	0.2
Vanadium		µg/L	2			BRL	BRL
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. 221206081712



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Average Point of Entry Analytical Report 2022

Point of Entry: 14329 Glenkirk Road (West)

Test	MCL	Units	RL	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Alkalinity		mg/L	20	40.4	40.0	45.4	47.9
Aluminum		µg/L	25	BRL	BRL	31.7	31.7
Antimony		µg/L	2	BRL	BRL	BRL	BRL
Arsenic	10	µg/L	1	BRL	BRL	BRL	BRL
Barium		µg/L	5	24.9	25.7	24.5	13.3
Beryllium		µg/L	1	BRL	BRL	BRL	BRL
Cadmium		µg/L	1	BRL	BRL	BRL	BRL
Calcium		mg/L	2	21.6	15.5	14.1	16.1
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	3.5
Conductivity		umhos/cm	10	289.0	283.0	292.2	264.6
Copper	1300	µg/L	1	1.8	3.0	2.6	2.1
Hardness		mg/L	5	62.0	60.0	60.0	66.0
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
Molybdenum		µg/L	2			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	0.2	BRL	BRL
NO3	10	mg/L	0.18	0.5	0.2	BRL	BRL
o-PO4		mg/L	0.05	1.6	1.4	1.3	1.5
o-PO4 as P		mg/L	Calc	0.5	0.5	0.4	0.5
pH		SU	1		7.7	7.4	7.6
Selenium	50	µg/L	1	BRL	BRL	BRL	BRL
Silver		µg/L	5	BRL	BRL	BRL	BRL
Sodium		mg/L	2	28.8	29.9	29.8	29.0
Temperature		°C	-10	5.3	18.2	28.7	15.5
Thallium		µg/L	1	BRL	BRL	BRL	BRL
Total HAA	60	µg/L	1	15.3	25.0	31.0	26.0
Total THM	80	µg/L	0.5	20.6	30.8	56.6	49.3
Turbidity		NTU	0.1	0.2	BRL	0.1	0.2
Vanadium		µg/L	2			BRL	BRL
Zinc		µg/L	5	BRL	BRL	BRL	BRL

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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	103.4	114.5
Aluminum		µg/L	25	BRL	29.1	90.4	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	48.6	46.6
Beryllium		µg/L	1	BRL	BRL	BRL	BRL
Cadmium		µg/L	1	BRL	BRL	BRL	BRL
Calcium		mg/L	2	46.9	34.9	42.1	49.1
Chromium		µg/L	1	BRL	BRL	1.1	1.3
Cl ₂ , Free		mg/L	0.1		3.4	3.7	
Cl ₂ , Total		mg/L	0.1	4.1	4.0	3.7	3.8
Conductivity		umhos/cm	10	465.7	321.3	430.8	446.9
Copper	1300	µg/L	1	1.5	2.1	1.6	2.1
Hardness		mg/L	5	162.0	122.0	166.0	174.0
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
Molybdenum		µg/L	2			BRL	BRL
Nickel		µg/L	1	1.2	1.6	2.2	2.0
NO ₂	1	mg/L	0.02	0.0	BRL	0.0	0.0
NO ₂ +NO ₃	10	mg/L	0.2	1.7	0.9	0.8	1.0
NO ₃	10	mg/L	0.18	1.7	0.9	0.7	1.0
o-PO ₄		mg/L	0.05	1.4	1.3	1.6	1.4
o-PO ₄ as P		mg/L	Calc	0.4	0.4	0.5	0.5
pH		SU	1		7.4	7.3	7.3
Selenium	50	µg/L	1	BRL	BRL	BRL	BRL
Silver		µg/L	5	BRL	BRL	BRL	BRL
Sodium		mg/L	2	34.7	12.4	19.0	19.6
Temperature		°C	-10	3.9	19.4	28.4	16.5
Thallium		µg/L	1	BRL	BRL	BRL	BRL
Total HAA	60	µg/L	1	2.0	10.9	7.0	6.0
Total THM	80	µg/L	0.5	4.6	12.3	19.4	11.5
Turbidity		NTU	0.1	0.1	0.3	0.3	0.3
Vanadium		µg/L	2			BRL	BRL
Zinc		µg/L	5	BRL	BRL	BRL	BRL

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