



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 2023

Point of Entry: 10298 Mill Street (East)

Test	MCL	Units	RL	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Alkalinity		mg/L	20	51.6	65.9	75.3	78.1
Aluminum		µg/L	25	BRL	BRL	BRL	BRL
Antimony		µg/L	2	BRL	BRL	BRL	BRL
Arsenic	10	µg/L	1	BRL	BRL	BRL	BRL
Barium		µg/L	5	27.4	31.9	29.8	32.7
Beryllium		µg/L	1	BRL	BRL	BRL	BRL
Cadmium		µg/L	1	BRL	BRL	BRL	BRL
Calcium		mg/L	2	24.7	31.9	30.2	36.9
Chromium		µg/L	1	BRL	BRL	BRL	BRL
Cl ₂ , Free		mg/L	0.1		3.1		
Cl ₂ , Total		mg/L	0.1	3.5	3.8	3.9	3.8
Conductivity		umhos/cm	10	355.9	381.8	409.4	456.5
Copper	1300	µg/L	1	1.9	1.4	1.3	1.8
Hardness		mg/L	5	84.0	106.0	108.0	114.0
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	BRL	BRL
Nickel		µg/L	1	BRL	BRL	BRL	1.4
NO ₂	1	mg/L	0.02	0.0	BRL	BRL	BRL
NO ₂ +NO ₃	10	mg/L	0.2	1.4	0.8	0.9	1.9
NO ₃	10	mg/L	0.18	1.4	0.8	0.8	1.9
o-PO ₄		mg/L	0.05	1.6	1.6	1.4	1.4
o-PO ₄ as P		mg/L	Calc	0.5	0.5	0.5	0.5
pH		SU	1	7.3	7.3	7.4	7.4
Selenium	50	µg/L	1	BRL	BRL	BRL	BRL
Silver		µg/L	5	BRL	BRL	BRL	BRL
Sodium		mg/L	1	28.6	29.2	34.8	35.9
Temperature		°C	-10	6.1	14.6	23.2	16.4
Thallium		µg/L	1	BRL	BRL	BRL	BRL
Total HAA	60	µg/L	1	4.5	4.9	7.4	6.2
Total THM	80	µg/L	0.5	4.2	9.9	12.7	13.1
Turbidity		NTU	0.1	BRL	BRL	BRL	BRL
Vanadium		µg/L	2	BRL	BRL	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. 240125065826



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 Woodbridge, VA 22191
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Average Point of Entry Analytical Report 2023

Point of Entry: 14329 Glenkirk Road (West)

Test	MCL	Units	RL	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Alkalinity		mg/L	20	38.1	36.5	45.1	51.3
Aluminum		µg/L	25	BRL	BRL	71.6	BRL
Antimony		µg/L	2	BRL	BRL	BRL	BRL
Arsenic	10	µg/L	1	BRL	BRL	BRL	BRL
Barium		µg/L	5	24.6	20.6	18.3	BRL
Beryllium		µg/L	1	BRL	BRL	BRL	BRL
Cadmium		µg/L	1	BRL	BRL	BRL	BRL
Calcium		mg/L	2	13.8	13.6	14.7	20.0
Chromium		µg/L	1	BRL	BRL	BRL	BRL
Cl ₂ , Free		mg/L	0.1		3.1		
Cl ₂ , Total		mg/L	0.1	3.5	3.7	3.3	3.2
Conductivity		umhos/cm	10	243.2	221.4	232.8	238.7
Copper	1300	µg/L	1	1.3	1.7	1.6	2.1
Hardness		mg/L	5	50.0	56.0	58.0	56.0
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	BRL	BRL
Nickel		µg/L	1	BRL	BRL	BRL	BRL
NO ₂	1	mg/L	0.02	0.0	BRL	0.0	BRL
NO ₂ +NO ₃	10	mg/L	0.2	0.3	BRL	BRL	BRL
NO ₃	10	mg/L	0.18	0.3	BRL	BRL	BRL
o-PO ₄		mg/L	0.05	1.4	1.4	1.3	1.4
o-PO ₄ as P		mg/L	Calc	0.5	0.5	0.4	0.5
pH		SU	1	7.8	7.4	7.6	7.5
Selenium	50	µg/L	1	BRL	BRL	BRL	BRL
Silver		µg/L	5	BRL	BRL	BRL	BRL
Sodium		mg/L	1	21.4	18.8	18.5	19.4
Temperature		°C	-10	8.4	15.2	27.3	14.3
Thallium		µg/L	1	BRL	BRL	BRL	BRL
Total HAA	60	µg/L	1	18.1	20.0	28.3	19.6
Total THM	80	µg/L	0.5	21.9	25.9	35.4	29.1
Turbidity		NTU	0.1	BRL	BRL	0.3	BRL
Vanadium		µg/L	2	BRL	BRL	BRL	BRL
Zinc		µg/L	5	BRL	BRL	BRL	BRL

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Certified Water Testing

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Average Point of Entry Analytical Report 2023

Point of Entry: 8230 Patton Lane (West)

Test	MCL	Units	RL	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Alkalinity		mg/L	20	79.0	77.2	87.3	121.4
Aluminum		µg/L	25	BRL	25.8	98.4	27.0
Antimony		µg/L	2	BRL	BRL	BRL	BRL
Arsenic	10	µg/L	1	BRL	BRL	BRL	BRL
Barium		µg/L	5	35.6	30.1	37.4	44.2
Beryllium		µg/L	1	BRL	BRL	BRL	BRL
Cadmium		µg/L	1	BRL	BRL	BRL	BRL
Calcium		mg/L	2	36.4	29.3	34.5	44.9
Chromium		µg/L	1	BRL	BRL	BRL	BRL
Cl ₂ , Free		mg/L	0.1		2.9		
Cl ₂ , Total		mg/L	0.1	3.6	3.4	3.6	3.8
Conductivity		umhos/cm	10	347.0	286.9	382.4	465.6
Copper	1300	µg/L	1	BRL	1.2	BRL	1.3
Hardness		mg/L	5	124.0	104.0	138.0	170.0
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	BRL	BRL
Nickel		µg/L	1	1.2	BRL	1.3	2.2
NO ₂	1	mg/L	0.02	BRL	BRL	BRL	BRL
NO ₂ +NO ₃	10	mg/L	0.2	1.4	0.7	0.3	0.4
NO ₃	10	mg/L	0.18	1.4	0.7	0.3	0.4
o-PO ₄		mg/L	0.05	1.5	1.4	1.3	1.3
o-PO ₄ as P		mg/L	Calc	0.5	0.5	0.4	0.4
pH		SU	1	7.7	7.4	7.4	7.4
Selenium	50	µg/L	1	BRL	BRL	BRL	BRL
Silver		µg/L	5	BRL	BRL	BRL	BRL
Sodium		mg/L	1	13.5	15.0	20.3	21.5
Temperature		°C	-10	10.3	14.8	27.5	14.5
Thallium		µg/L	1	BRL	BRL	BRL	BRL
Total HAA	60	µg/L	1	3.4	16.8	15.6	5.8
Total THM	80	µg/L	0.5	3.0	20.3	25.9	12.3
Turbidity		NTU	0.1	0.1	BRL	0.3	0.1
Vanadium		µg/L	2	BRL	BRL	BRL	BRL
Zinc		µg/L	5	BRL	BRL	BRL	BRL

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Report No. 240125065828