

Average Point of Entry Analytical Report 2024

Point of Entry: 10298 Mill Street (East)

Test	MCL	Units	RL	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Alkalinity		mg/L	20	29.0	43.0	82.0	75.3
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	15.1	28.2	41.9	37.4
Beryllium		µg/L	1	BRL	BRL	BRL	BRL
Cadmium		µg/L	1	BRL	BRL	BRL	BRL
Calcium		mg/L	1	13.6	21.6	34.4	37.7
Chromium		µg/L	1	BRL	BRL	BRL	BRL
Cl2, Free		mg/L	0.1		3.3		
Cl2, Total		mg/L	0.1	3.5	3.8	4.1	4.0
Conductivity		umhos/cm	10	305.0	323.8	470.0	466.5
Copper	1300	µg/L	1	2.2	2.1	2.4	1.9
Hardness		mg/L	5	54.0	76.0	110.0	124.0
Iron		µg/L	50	BRL	BRL	BRL	BRL
Lead	15	µg/L	2	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
NO2	1	mg/L	0.02	BRL	0.0	BRL	BRL
NO2+NO3	10	mg/L	0.2	0.5	0.6	0.9	1.3
NO3	10	mg/L	0.18	0.5	0.6	0.9	1.3
o-PO4		mg/L	0.05	1.5	1.5	1.5	1.5
o-PO4 as P		mg/L	Calc	0.5	0.5	0.5	0.5
pH		SU	1	7.4	7.5	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	37.2	30.0	40.1	36.8
Temperature		°C	-10	7.5	16.6	26.3	17.3
Thallium		µg/L	1	BRL	BRL	BRL	BRL
Total HAA	60	µg/L	1	5.5	6.0	7.7	4.1
Total THM	80	µg/L	0.5	6.1	13.3	11.7	6.4
Turbidity		NTU	0.1	BRL	BRL	BRL	0.2
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. 250403161820

Average Point of Entry Analytical Report 2024

Point of Entry: 14329 Glenkirk Road (West)

Test	MCL	Units	RL	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Alkalinity		mg/L	20	28.2	44.2	41.5	43.6
Aluminum		µg/L	25	BRL	BRL	64.8	BRL
Antimony		µg/L	2	BRL	BRL	BRL	BRL
Arsenic	10	µg/L	1	BRL	BRL	BRL	BRL
Barium		µg/L	5	20.7	21.4	17.3	6.9
Beryllium		µg/L	1	BRL	BRL	BRL	BRL
Cadmium		µg/L	1	BRL	BRL	BRL	BRL
Calcium		mg/L	1	11.2	13.6	13.6	14.6
Chromium		µg/L	1	BRL	BRL	BRL	BRL
Cl2, Free		mg/L	0.1		0.8		
Cl2, Total		mg/L	0.1	3.5	3.3	3.4	3.3
Conductivity		umhos/cm	10	196.8	221.6	236.9	232.2
Copper	1300	µg/L	1	1.3	1.6	1.6	BRL
Hardness		mg/L	5	44.0	50.0	52.0	52.0
Iron		µg/L	50	BRL	BRL	BRL	BRL
Lead	15	µg/L	2	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
NO2	1	mg/L	0.02	BRL	BRL	0.0	BRL
NO2+NO3	10	mg/L	0.2	0.4	BRL	BRL	BRL
NO3	10	mg/L	0.18	0.4	BRL	BRL	0.7
o-PO4		mg/L	0.05	1.2	1.3	1.6	1.2
o-PO4 as P		mg/L	Calc	0.4	0.4	0.5	0.4
pH		SU	1	7.8	7.1	7.8	7.6
Selenium	50	µg/L	1	BRL	BRL	BRL	BRL
Silver		µg/L	5	BRL	BRL	BRL	BRL
Sodium		mg/L	1	19.4	20.1	20.7	20.7
Temperature		°C	-10	7.0	18.7	29.1	16.3
Thallium		µg/L	1	BRL	BRL	BRL	BRL
Total HAA	60	µg/L	1	19.7	22.0	29.8	21.3
Total THM	80	µg/L	0.5	17.9	33.7	40.2	26.2
Turbidity		NTU	0.1	0.1	BRL	BRL	BRL
Vanadium		µg/L	2	BRL	BRL	BRL	BRL
Zinc		µg/L	5	BRL	BRL	40.9	11.1

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

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VELAP ID: 460012 1851 Rippon Boulevard
 VA DW ID: 00240 Woodbridge, VA 22191
 EPA ID: VA00050 703-393-2071

Average Point of Entry Analytical Report 2024

Point of Entry: 8230 Patton Lane (West)

Test	MCL	Units	RL	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Alkalinity		mg/L	20	53.2	43.1	97.2	117.2
Aluminum		µg/L	25	BRL	25.8	86.2	BRL
Antimony		µg/L	2	BRL	BRL	BRL	BRL
Arsenic	10	µg/L	1	BRL	BRL	BRL	BRL
Barium		µg/L	5	27.7	51.7	46.7	41.5
Beryllium		µg/L	1	BRL	BRL	BRL	BRL
Cadmium		µg/L	1	BRL	BRL	BRL	BRL
Calcium		mg/L	1	23.2	31.3	38.2	43.4
Chromium		µg/L	1	BRL	1.3	BRL	1.3
Cl2, Free		mg/L	0.1		1.5		
Cl2, Total		mg/L	0.1	3.8	3.6	3.7	3.7
Conductivity		umhos/cm	10	303.2	342.0	438.4	432.2
Copper	1300	µg/L	1	BRL	BRL	1.1	BRL
Hardness		mg/L	5	90.0	130.0	146.0	150.0
Iron		µg/L	50	BRL	BRL	BRL	BRL
Lead	15	µg/L	2	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	1.1	1.2	1.0
NO2	1	mg/L	0.02	0.0	0.0	BRL	BRL
NO2+NO3	10	mg/L	0.2	1.2	1.1	0.5	0.9
NO3	10	mg/L	0.18	1.1	1.1	0.5	0.9
o-PO4		mg/L	0.05	1.4	1.3	1.4	1.5
o-PO4 as P		mg/L	Calc	0.5	0.4	0.4	0.5
pH		SU	1	7.5	7.1	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	20.6	13.0	21.8	19.1
Temperature		°C	-10	8.3	19.2	29.2	15.6
Thallium		µg/L	1	BRL	BRL	BRL	BRL
Total HAA	60	µg/L	1	5.6	8.0	10.7	5.8
Total THM	80	µg/L	0.5	7.1	11.9	14.9	9.1
Turbidity		NTU	0.1	0.1	BRL	0.2	0.1
Vanadium		µg/L	2	BRL	BRL	BRL	BRL
Zinc		µg/L	5	BRL	BRL	BRL	BRL

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