

# 2023-2024 Treated Water Test Results

Regulated Contaminant (latest test date)	2022-2023 Portland Water System	MCLG (Max Con- taminant Level Goal)	MCL (Maximum Contaminant Lev- el)	Major Sources
<b>Total Coliform Bacteria (%)</b> (03/2023) Number is highest monthly % of positive Samples	0%	0%	0%	Naturally present in the environment
<b>Turbidity (NTU)</b> (03/2023) Number is the highest single measurement (% of sample meeting limits)	0.38 (100%)	0.00	5.00	Turbidity is a measure of the cloudiness of water.
<b>Barium (mg/L)</b> (04/2021) Number is the highest single measurement	0.032	2.00	2.00	Erosion of Natural Deposits
<b>Copper (ppm)</b> (08/2022) Number is the 90th Percentile Value	0.14	1.30	1.30	Corrosion of plumbing systems
<b>Lead (ppb)</b> (08/2022) 20 sites sampled, number is the highest reading	0 (nd)	0 (nd)	15	Corrosion of plumbing systems
<b>Nitrate (as nitrogen)(mg/L)</b> (04/2023)	3.86	10.00	10.00	Runoff from fertilizer, leaching from septic tanks, erosion of natural deposits.
<b>Total Trihalomethanes (THM) (mg/L)</b> (01/2024)	.03	1.00	1.50	By-product of drinking water chlorination
<b>Carbon Tetrachloride (mg/L)</b> (04/2023)	0 (nd)	0 (nd)	0.005	Chemical plant discharge & industrial activity
<b>Trichlorethylene (mg/L)</b> (04/2023)	0 (nd)	0 (nd)	0.005	Discharge from metal degreasing sites and other factories
<b>1,2-Dichloropropane (mg/L)</b> (04/2023)	0 (nd)	0 (nd)	0.005	Chemical plant discharge & industrial activity
<b>Fluoride (ppm)</b> (04/2021) Past years results indicate 0.0-0.9ppm	0 (nd)	4.00	4.00	Chemical plant discharge & industrial activity
<b>Radioactive Contaminants</b>				
<b>Net Gross Alpha (pCi/L)</b> (04/2022)	0 (nd)	0.00	15.00	
<b>Uranium (ug/L)</b> (04/2022)	0 (nd)	0.00	30.00	
<b>Radium (pCi/L)</b> (04/2022)	0 (nd)	0.00	5.00	
<b>Man-Made Beta (millirems)</b> (04/2022)	0 (nd)	0.00	4.00	
<b>Tritium (pCi/L)</b> (04/2022)	0 (nd)	0.00	0.00	
<b>Strontium (mg/L)</b> (04/2022)	0 (nd)	0.00	0.00	

# 2023-2024 Treated Water Test Results

Non-Regulated Contaminant	2022-2023 Portland Water System	MCLG (Max Contaminant Level Goal)	MCL (Maximum Contaminant Level)	Major Sources
Chloride (04/2022)	54.29		250	Erosion from natural deposits
Nickel (ppm) (04/2022)	0.00	0.00	0.1	Turbidity is a measure of the cloudiness of water.
Sodium (mg/L) (04/2022)	<47	0	100 Notification Level	Natural Sources- Storm Runoff- Discharges
MDC—9+/-, Well 47+/-				
Sulfate (mg/L) (04/2022)	7.80	250		Erosion from Natural deposits
Color (03/2023)	3	15 color units		Organic Material
Chlorine (03/2023)	0.31	4 Proposed		Added as a disinfection agent
Orthophosphate (ppm)	N.R.	Not Regulated		By-product of drinking water chlorination
2-2 Dichloropropane (04/2022)	0 (nd)	0 (nd)	0.005	Chemical plant discharge & industrial activity
Haloacetic Acids (mg/L) (02/2023)	.02	0 (nd)	0.06	Discharge from metal degreasing sites and other factories

## Definitions & Abbreviations Used in This Chart

**Maximum Contaminant Level Goal—MCLG** - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow for a margin of safety.

**Maximum Contaminant Level—MCL** - The highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.

**Action Level** - The concentration of a contaminant, which if exceeded, triggers treatment or other requirement, which a water system must follow.

ppm - parts per million

ppb - parts per billion

N.D.- Not Detected

A.L.- Action Level

N.R.- Not Required

MCLG - Maximum Contaminant Level Goal

MCL - Maximum Contaminant Level

The Portland Water Division also offers a variety of programs to its customers. These include helping to find leaks within their residence and also helping to show how to install water conservation devices. For further assistance please call:



Billing Information - 860-342-6735

Water Quality Information - 860-342-6733

Water Operations - 860-342-6733

Emergency Service (after hours) - 860-347-2541