

Portland Water District Analysis of Water Supplies							
(as sampled on 4/15/25 unless otherwise noted)							
Compound	Units	Greater Portland Untreated	Greater Portland Treated	Greater Portland Distribution ¹	Steep Falls Untreated	Steep Falls Treated	MCL ² (for comparison only)
Physical							
Color	SU	20	<5	<5	<5	<5	15
Conductivity	µS	35.92	47.8	51.5	132.4	140.4	**
Total Dissolved Solids	mg/L	23	31	31	79	85	500
Turbidity	NTU	0.41	0.38	0.23	0.08	0.09	1
Inorganic Non-metals							
Residual chlorine ³	mg/L	0	2.35	1.54	0	1.5	4
Alkalinity (as CaCO ₃)	mg/L	5.9	9.2	10.0	17.4	23.2	**
Ammonia – N	mg/L	0.02	0.63	0.42	0.04	0.02	**
Nitrite – N	mg/L	0.002	0.003	0.016	0.003	0.004	1
Nitrate – N	mg/L	<0.2	<0.2	<0.2	1.18	1.19	10
Chloride	mg/L	9	10	11	35	37	250
Dissolved Oxygen	mg/L	12.9	21.2	18.9	11.3	11.5	**
Fluoride	mg/L	0.06	0.61	0.63	0.10	0.66	4
Hardness (as CaCO ₃)	mg/L	9.52	9.43	9.12	20.9	21.1	150
pH ³	SU	6.98	8.08	7.56	7.06	7.6	8.5
Silica	mg/L	2.87	3.21	3.14	10.1	9.86	**
Phosphorus	mg/L	0	0.32	0.34	0	0.02	**
Sulfate ⁵	mg/L	2	2	2	4	4	250
Inorganic Metals							
Arsenic	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.05
Barium	mg/L	0.0036	0.0034	0.0034	0.0042	0.0041	2
Cadmium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.005
Calcium	mg/L	2.84	2.82	2.73	5.86	5.94	**
Chromium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.1
Copper ⁴	mg/L	0.0011	<0.01	0.0033	0.0015	0.0015	1.3
Iron ⁴	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	0.3
Lead ⁴	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.015
Magnesium	mg/L	0.59	0.58	0.56	1.52	1.52	**
Manganese	mg/L	0.0015	0.0015	0.0023	0.0017	0.0011	0.05
Mercury	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.002
Nickel	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.1
Potassium	mg/L	0.78	0.57	0.51	1.41	1.43	**
Selenium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.05
Silver	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.05
Sodium	mg/L	6.13	9.82	9.58	23.0	25.7	100
Zinc	mg/L	0.0039	0.104	0.103	0.0020	0.0020	5
Aggregate Organic							
Carbon, total organic	mg/L	2.69	2.63	2.60	<0.5	<0.5	**
Pesticide/Herbicide⁵							
	µg/L	NA	ND	NA	NA	ND	**
Asbestos⁶							
(million fibers/L)	10 ⁶ /L	NA	<0.19	NA	NA	NA	7
Radionuclides⁷							
Gross alpha	pCi/L	NA	2.5	NA	NA	5.0	15
Radon ⁸	pCi/L	NA	NA	NA	NA	2938	4000

Footnotes:

¹ Distribution Sample collected at Gorham Booster Station (GBS) – 391 Main St, Gorham.

² MCL= Maximum Contaminant Level. The highest level of a contaminant that is allowed or recommended in drinking water.

³ Chlorine and pH vary throughout the distribution system so values at your tap may differ from these locations.

⁴ Copper, iron and lead can be affected by the condition of distribution system pipes and interior plumbing.

⁵ Pesticide/herbicide analyzed in September 2023 (Greater Portland) and June 2023 (Steep Falls).

⁶ Asbestos analyzed in November 2020 in Cumberland area.

⁷ Gross alpha sampled in June 2015.

⁸ Radon sampled in July 2024.

** - MCL does not exist for these constituents

NA – Not analyzed

ND – Not detected

**PORTLAND WATER DISTRICT
SUPPLEMENTARY WATER QUALITY INFORMATION
SAMPLES COLLECTED AFTER TREATMENT**

CONTAMINANT	MCL ² (MG/L)	GREATER PORTLAND	STEEP FALLS
ORGANIC			
VOLATILE ORGANICS (EPA 524.3) Collected in July 2024 (Greater Portland) June 2023 (Steep Falls)			
BENZENE	0.005	<0.0005	<0.0005
CARBON TETRACHLORIDE	0.005	<0.0005	<0.0005
p-DICHLOROBENZENE	0.075	<0.0005	<0.0005
1,2-DICHLOROETHANE	0.005	<0.0005	<0.0005
1,1-DICHLOROETHENE	0.007	<0.0005	<0.0005
1,1,1-TRICHLOROETHANE	0.2	<0.0005	<0.0005
TRICHLOROETHENE	0.005	<0.0005	<0.0005
VINYL CHLORIDE	0.002	<0.0005	<0.0005
METHYL TERT-BUTYL ETHER (State req.)	0.035	<0.0005	<0.0005
o-DICHLOROBENZENE	0.6	<0.0005	<0.0005
cis-1,2-DICHLOROETHENE	0.07	<0.0005	<0.0005
trans-1,2-DICHLOROETHENE	0.1	<0.0005	<0.0005
1,2-DICHLOROPROPANE	0.005	<0.0005	<0.0005
ETHYLBENZENE	0.7	<0.0005	<0.0005
CHLOROBENZENE	0.1	<0.0005	<0.0005
STYRENE	0.1	<0.0005	<0.0005
TETRACHLOROETHENE	0.005	<0.0005	<0.0005
TOLUENE	1	<0.0005	<0.0005
XYLENES	10	<0.0005	<0.0005
DICHLOROMETHANE	0.005	<0.0005	<0.0005
1,2,4-TRICHLOROBENZENE	0.07	<0.0005	<0.0005
1,1,2-TRICHLOROETHANE	0.005	<0.0005	<0.0005
1,2-DIBROMO-3-CHLOROPROPANE	STWV ⁹	STWV ⁹	STWV ⁹
ETHYLENE DIBROMIDE	STWV ⁹	STWV ⁹	STWV ⁹
SYNTHETIC ORGANIC-PESTICIDES (EPA 525.2) Collected in September 2023 (Greater Portland) and June 2023 (Steep Falls)			
ATRAZINE	0.003	<0.0001	<0.0001
ALACHLOR (LASSO)	0.002	<0.0001	<0.0001
BENZO(A)PYRENE	0.0002	<0.0001	<0.0001
BHC GAMMA (LINDANE)	0.0002	<0.0001	<0.0001
BIS (2-ETHYLHEXYL) ADIPATE	0.4	<0.001	<0.001
BIS (2-ETHYLHEXYL) PHTHALATE	0.006	<0.001	<0.001
ENDRIN	0.002	<0.0001	<0.0001
HEPTACHLOR	0.0004	<0.0001	<0.0001
HEPTACHLOR EPOXIDE	0.0002	<0.0001	<0.0001
HEXACHLOROBENZENE	0.001	<0.0001	<0.0001
HEXACHLOROCYCLOPENTADIENE	0.05	<0.0001	<0.0001
METHOXYCHLOR	0.04	<0.0001	<0.0001
SIMAZINE	0.004	<0.0001	<0.0001
PESTICIDES/PCB'S (EPA 505) Collected in September 2023 (Greater Portland) and June 2023 (Steep Falls)			
CHLORDANE	0.002	<0.0004	<0.0004
POLYCHLORINATED BIPHENYLS, TOTAL	0.0002	<0.00008	<0.00008
TOXAPHENE	0.003	<0.002	<0.002
CARBAMATES (EPA 531.1) Collected in September 2023 (Greater Portland) and June 2023 (Steep Falls)			
ALDICARB	NO MCL	<0.001	<0.001
ALDICARB SULFONE	NO MCL	<0.001	<0.001
ALDICARB SULFOXIDE	NO MCL	<0.001	<0.001
CARBOFURAN	0.04	<0.001	<0.001
OXAMYL	0.2	<0.001	<0.001
SYNTHETIC ORGANICS - HERBICIDES (EPA 515.3) Collected in September 2023 (Greater Portland) and June 2023 (Steep Falls)			
2,4-D	0.07	<0.001	<0.001
2,4,5 TP (SILVEX)	0.05	<0.00025	<0.00025
DALAPON	0.2	<0.001	<0.001
DINoseb	0.007	<0.001	<0.001
PENTACHLOROPHENOL	0.001	<0.0001	<0.0001
PICLORAM	0.5	<0.002	<0.002
SYNTHETIC ORGANICS - HERBICIDES (EPA 549.2) Collected June 2023 (Steep Falls)			
Diquat	0.02	N/A ¹⁰	<0.001
SYNTHETIC ORGANICS - HERBICIDES (EPA 548.1) Collected July 2023 (Steep Falls)			
Endothall	0.1	N/A ¹⁰	<0.005
FOOTNOTES ² MCL- Maximum Contaminant Level, The highest level of a contaminant allowed or recommended in drinking water. ⁹ STWV-State waiver, no testing required. ¹⁰ Due 2025.			