Treated Water Quality Results

Regulated Contaminant	Portland Water System	MCLG	MCL	Major Sources
Total Coliform Bacteria Number is highest monthly % of positive samples	0%	0%	0	Naturally present in the environment
Turbidity (NTU) Number is highest single measurement (% of samples meeting limit)	0.15 (100%)	0	5 units	Soil runoff-Fine organic/ inorganic material
Barium (mg/L)	0.32	2.0	2.0	Erosion of natural deposits
Copper (ppm) Number is 90th % value (# of sites sampled)	0.26	1.3	AL=1.3	Corrosion of household plumbing systems
Lead (mg/L) 20 sites sampled Number is highest reading	.ND	0	AL=1.5	Corrosion of household plumbing systems
Nitrate (as nitrogen)(mg/L.)	3.6	10	10	Runoff from fertilizer use, leaching from septic tanks, sewage, erosion of natural deposits
Total Trihalomethanes (THM's) (mg/L)	.03	1.0	1.0	By-products of drinking water chlorination
Carbon Tetrachloride (mg/L)	N.D.	0	.005	Chemical plant discharge & other industrial activities
Trichlorethylene (mg/L)	N.D.	0	.005	Discharge from degreasing sites & other factories
1,2-Dichloropropane (mg/L)	N.D.	0	.005	Discharge from chemical factories
Fluoride (ppm)	0.4-0.9	4	4	

Test results taken in our system indicate that concentrations in the northern section of Town are approximately 0.8-0.9 ppm, and concentrations in the southerly sections of Town are 0.4-0.5 ppm.

Radioactive Contaminants

Net Gross Alpha	N.D.	0	15
Uranium	N.D.	0	30 (w/l)
Radium Combined	N.D.	0	5
Man-Made Beta	N.D.	0	4
Tritium	N.D.	0	
Strontium	N.D.	0	

Treated Water Quality Results

Non-Regulated Contaminant	Portland Water System	MCLG	MCL	Major Sources
Chloride (MG/L)	71		250	Erosion from natural deposits
Nickel (ppm)	ND		0.1	
Sodium (ppm) (MDC— 6± Well 39+- Mixing water reduces sodium content below notification level)	<37		28 Notification Level	Natural Sources-Storm Runoff-Discharges
Sulfate (mg/L)	7.82	250		Erosion from natural deposits
Color	2	15 color units		Organic materials
Chlorine	0.36	4 Proposed		Added as a disinfection agent
Orthophosphate (ppm)	N.R.	Not Regulated		Added to reduce corrosion of pipes & plumbing systems
2-2 Dichloropropane (ppb)	N.D.	N.D.	.005	Discharge from chemical factories
Haloacetic Acids (mg/L)	.01	N.D.	.06	By product of drinking water chlorination

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
mg/L—milligrams/liter

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 (after hours) 860- 347-2541