

City of Pocatello Water Department

Chemical Analysis Report for Wells Tested in 2009

Analyte Tested	MCL	Unit	Well 02	Well 03	Well 10	Well 12	Well 13	Well 16	Well 18	Well 21	Well 26	Well 27	Well 28	Well 29	Well 31	Well 32	Well 34	Well 35	Well 36	Well 39	Well 44
Nitrate as N	10.00	mg/L	3.9	2.1	2.2	2.1	2	2	3.2	5.4	6	7	6	3.1	7.9	2.6	5.3	ND	2	4	1.4
Alpha Activity	15.00	pCi/L					2.41														
Beta/Photon Activity	50.00	pCi/L					8.46														
Bromodichloromethane	UR*	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Bromoform	UR*	ug/L	0.92		ND	ND	ND	0.88	0.53	1.11	1.21	0.59			1.88	0.68	1.21		ND		
Chloroform	UR*	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Dibromochloromethane	UR*	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Trihalomethanes (Total)	80.00	ug/L	0.92		ND	ND	ND	0.88	0.53	1.11	1.21	0.59			1.88	0.68	1.21		ND		
1,1,1,2-Tetrachloroethane	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
1,1,1-Trichloroethane	200.00	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
1,1,2,2-Tetrachloroethane	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
1,1,2-Trichloroethane	5.00	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
1,1-Dichloroethane	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
1,1-Dichloroethylene	7.00	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
1,1-Dichloropropene	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
1,2,3-Trichlorobenzene	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
1,2,3-Trichloropropane	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
1,2,4-Trichlorobenzene	70.00	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
1,2,4-Trimethylbenzene	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
1,2-Dichloroethane	5.00	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
1,2-Dichloropropane	5.00	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
1,3,5-Trimethylbenzene	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
1,3-Dichloropropane	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
1,3-Dichloropropene	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
2,2-Dichloropropane	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Benzene	5.00	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Bromobenzene	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Bromochloromethane	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Bromomethane	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Carbon Tetrachloride	5.00	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Chloroethane	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Chloromethane	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		

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cis-1,2-Dichloroethylene	70.00	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Dibromomethane	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Dichlorodifluoromethane	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Dichloromethane	5.00	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Ethylbenzene	700.00	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Hexachlorobutadiena	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Isopropylbenzene	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
m-Dichlorobenzene	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Monochlorobenzene	100.00	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Naphthalene	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
n-Butylbenzene	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
n-Propylbenzene	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
o-Chlorotoluene	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
o-Dichlorobenzene	600.00	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
p-Chlorotoluene	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
p-Dichlorobenzene	75.00	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
p-Isopropyltoluene	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
s-Butylbenzene	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Styrene	100.00	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
t-Butylbenzene	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Tetrachloroethylene	5.00	ug/L	ND		ND	ND	ND	ND	0.61	ND	1.27	0.79			ND	1.71	ND		ND		
Toluene	1000.00	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
trans-1,2-Dichloroethylene	100.00	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Trichloroethylene	5.00	ug/L	ND		ND	0.68	0.81	ND	0.55	ND	ND	ND			ND	ND	ND		ND		0.81
Trichlorofluoromethane	UR	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Vinyl Chloride	2.00	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		
Xylenes - Total	10000.00	ug/L	ND		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND		ND		

Footnotes:

MCL indicates the maximum contamination level as set by the Environmental Protection Agency.

UR indicates analytes that are currently unregulated by the Safe Drinking Water Act.

ug/L indicates the amount of a contaminant found in one billion parts of water; also referred to parts per billion (ppb).

mg/L indicates the amount of a contaminant found in one million parts of water; also referred to parts per million (ppm).

pCi/L is a measure of radioactivity.

ND indicates that the contaminant was not detected in the water at the testing limits.

*The MCL for Total Trihalomethanes (TTHM's) is 80 ug/L. The combined total of these four analytes are used to determine the TTHM's.