

2013

TABLE 1 – SAMPLING RESULTS SHOWING THE DETECTION OF COLIFORM BACTERIA

Microbiological Contaminants	Highest No. of detections	No. of Months In violation	MCL	MCLG	Typical Source of Contaminant
Total Coliform Bacteria	0	0	More than 1 sample in a month with a detection	0	Naturally present in the environment
Fecal Coliform or E.coli	0	0	A routine sample and a repeat sample detect total coliform and either sample also detects fecal coliform or E.coli	0	Human and animal fecal waste

TABLE 2 – SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER

Lead and Copper (and reporting units)	No. of samples collected	90 th percentile level detected	No. Sites exceeding AL	AL	MCLG	Typical Source of Contaminant
Lead (ppb) 2011	30	0.033	1	15	2	Internal corrosion of household plumbing systems, discharges from industrial manufactures, erosion of natural deposits
Copper (ppm) 2011	30	0	0	1.3	0.17	Internal corrosion of household water plumbing systems; erosion of natural deposits; leaching from wood preservatives

TABLE 3 – SAMPLING RESULTS FOR SODIUM AND HARDNESS

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Source of Contaminant
Sodium (ppm)	12/16/13	63	47 – 77	None	None	Generally found in ground and surface water
Hardness (ppm)	12/16/13	54.2	4.7 – 110	None	None	Generally found in ground and surface water

TABLE 4 – DISINFECTION BYPRODUCTS, DISINFECTANT RESIDUALS, AND DISINFECTION BYPRODUCT PRECURSORS

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL	PHG (MCLG) MRDLG	Typical Source of Contaminant
TTHM (Total Trihalomethanes) (ppb)	2013	0	0	80	N/A	By-product of drinking water chlorination
Haloacetic Acids (ppb)	2013	0	0	60	N/A	Byproduct of drinking water disinfection
Chlorine (ppm)	2013	.87	0.20 - 2.01	MRDL= 4.0 (as Cl ₂)	MRDLG= 4.0 (as Cl ₂)	Drinking water disinfectant added for treatment
Aluminum (ppm)	12/16/13	.26	ND – .060	1	0.6	Erosion of natural deposits; residue from some surface water treatment processes

Arsenic (ppb) (Finished / Treated Water)	2013	5.3	ND – 11 (Finished Water)	10	N/A	Finished water results. Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes (see back page for more information)
Chromium (ppb)	12/16/13	ND	ND	50	100	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits
Fluoride (ppm)	12/16/13	0.245	.10 – 1.2	2	1	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Nitrate (as nitrate, NO ₃) (ppm)	7/1/13	12	2.9-22	45	45	Finished water results. Runoff and leaching from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Nitrite as Nitrogen (ppm)	12/16/13	0	ND	1	1	Runoff and leaching from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Gross Alpha (pCi/L)	2011	5.6	ND – 14.6	15	N/A	Erosion of natural deposits
Uranium (pCi/L)	2011	4.9	0 – 3.5	20	N/A	Erosion of natural deposits

TABLE 5 – DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Source of Contaminant
Chloride (ppm)	12/16/13	26.17	8-76	500	N/A	Runoff/leaching from natural deposits; seawater influence
Iron (ppb)	12/16/13	210	ND –	300	N/A	Leaching from natural deposits; industrial
Manganese (ppb)	12/16/13	0.045	ND – 36	50	N/A	Leaching from natural deposits
Sulfate (ppm)	12/16/13	41.08	2.4 – 69	500	N/A	Runoff/leaching from natural deposits; industrial wastes
Specific Conductance (micromho/cm)	12/16/13	390	210 – 580	1600	N/A	Substances that form ions when in water; seawater influence
Total Dissolved Solids (ppm)	12/16/13	257.5	150 – 430	1000	N/A	Runoff/leaching from natural deposits
Corrosivity	12/16/13	Corrosive	N/A	Non-corrosive	N/A	Natural or industrially-influenced balance of hydrogen, carbon and oxygen in the water; affected by temperature and other factors
Color (Unit)	12/16/13	10.63	8 – 20	15	N/A	Naturally-occurring organic materials
Odor (Threshold)	12/16/13	1.75	0 – 6	3	N/A	Naturally-occurring organic materials
Turbidity (NTU)	12/16/13	3.29	0– 13	5	N/A	Soil runoff. Turbidity is a measure of the cloudiness of water and a good indicator of the effectiveness of our filtration system.

TABLE 6 – DETECTION OF UNREGULATED CONTAMINANTS

Chemical or Constituent (and reporting unit)	Sample Date	Level Detected	Action Level	Health Effects Language
Boron (ppb)	6/22/05	87.5 (ND-200)	1000	Some men who drink water containing boron in excess of the action level over many years may experience reproductive effects, based on studies in dogs
Chromium VI (ppb) (Hexavalent chromium)	12/26/07	.51 (ND – 2.5)	N/A	N/A
Vanadium (ppb)	6/22/05	7.12 (ND-33)	50	The babies of some pregnant women who drink water containing vanadium in excess of the action level may have an increased risk of developmental effects, based on studies in laboratory animals

*Any violation of an MCL or AL is asterisked. Additional information regarding the violation is provided below.

Summary Information for Contaminants Exceeding an MCL or AL, or a Violation of any Treatment or Monitoring and Reporting Requirements