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	90th percentile level detected	No. Sites exceeding AL	AL	MCLG	Typical Source of Contaminant
Lead (ppb)	18	0.029	0	15	2	Internal corrosion of household plumbing systems, discharges from industrial manufactures, erosion of natural deposits
Copper (ppm)	18	0.025	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)	12/22/09	57	53 – 65	None	None	Generally found in ground and surface water
Hardness (ppm)	12/22/09	54	46 – 62	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)	2009	23.5	23-24	80	N/A	By-product of drinking water chlorination
Haloacetic Acids (ppb)	2009	13	12-14	60	N/A	Byproduct of drinking water disinfection
Chlorine (ppm)	2009	1.16	0.26 - 2.2	MRDL= 4.0 (as Cl_2)	MRDLG= 4.0 (as Cl_2)	Drinking water disinfectant added for treatment

Aluminum (ppm)	4/13/09	0.12	ND – 1	1	0.6	Erosion of natural deposits; residue from some surface water treatment processes
Arsenic (ppb)	2009	5.54	ND – 16*	10	N/A	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Chromium (ppb)	12/22/09	ND	ND	50	100	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits
Fluoride (ppm)	12/22/09	0.12	ND – 1	2	1	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Nitrate (as nitrate, NO_3) (ppm)	2009	11.7	3.5-18	45	45	Runoff and leaching from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Nitrite as Nitrogen (ppm)	12/22/09	0	ND	1	1	Runoff and leaching from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Gross Alpha (pCi/L)	2009	4.7	2.6 – 10	15	N/A	Erosion of natural deposits
Uranium (pCi/L)	2009	3.87	2.9 – 4.6	20	N/A	Erosion of natural deposits

TABLE 5 – DETECTION OF CONTAMINANTS WITH A <u>SECONDARY</u> 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)	12/22/09	22.75	16-28	500	N/A	Runoff/leaching from natural deposits; seawater influence
Iron (ppb)	12/22/09	0.51	ND – 0.51	300	N/A	Leaching from natural deposits; industrial wastes
Manganese (ppb)	12/22/09	0.041	ND – 0.57	50	N/A	Leaching from natural deposits
Sulfate (ppm)	12/22/09	33.75	23– 42	500	N/A	Runoff/leaching from natural deposits: industrial wastes
Specific Conductance (micromho/cm)	12/22/09	280	340 – 400	1600	N/A	Substances that form ions when in water; seawater influence
Total Dissolved Solids (ppm)	11/30/09	225	160 – 350	1000	N/A	Runoff/leaching from natural deposits
Corrosivity	12/26/07	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)	12/22/09	15*	ND – 15*	15	N/A	Naturally-occurring organic materials
Odor (Threshold)	12/22/09	1.25	1 – 4	3	N/A	Naturally-occurring organic materials
Turbidity (NTU)	12/22/09	.45	0.21 – 0.81	5	N/A	Soil runoff

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	10 (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	2.12 (1.2-3.7)	N/A	N/A
Vanadium (ppb)	6/22/05	11 (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