

TABLE OF DETECTED COMPOUNDS

Contaminant	Violation (Y/N)	Date of Sample	Level Detected (Maximum, Range)	Unit Measurement	MCLG	Regulatory Limit (MCL, AL)	Likely Source of Contamination
Microbiological Contaminants							
Total Coliform	No	10/14/16	1 positive sample	n/a	0	N/A	Naturally present in the environment
Inorganic Contaminants							
Barium	No	09/03/14	81 ug/l	ppb	2000 ug/L	2000 ug/L	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
Copper 90 th percentile* (Town of Mexico)	No	Sept 2016	172.1 ug/l (0.16 – 0.38) ug/l	ppb	1,300 ppb	AL=1,300 ug/L	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Copper 90 th percentile* (Village of Mexico)	No	Sept 2016	52.7 ug/l (16.5 – 65.4) ug/l	ppb	1,300 ppb	AL=1,300 ug/L	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead 90 th percentile* (Town of Mexico)	No	Sept 2016	2.9 ug/l (0.0 – 4.0) ug/l	ppb	N/A	AL=15.0 ug/L	Corrosion of household plumbing systems, erosion of natural deposits
Lead 90 th percentile* (Village of Mexico)	No	Sept 2016	1.9 ug/l (0.0 – 2.6) ug/l	ppb	N/A	AL=15.0 ug/L	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	No	2/9/16	9.6 mg/l	ppm	N/A	N/A	Naturally occurring
Manganese	No	2/9/16	20 ug/l	ppb	N/A	300 ug/l***	Naturally occurring
Sulfate	No	2/9/16	8.8 mg/l	ppm	N/A	250 mg/l	Naturally occurring
Chloride	No	2/9/16	16.0 mg/l	ppm	N/A	250 mg/l	Naturally occurring or indicative of road salt contamination
Nitrate (as Nitrogen)	No	5/13/16	0.34 mg/l	ppm	10.0 ppm	10.0 ppm	Runoff from fertilizer use; leaching from

							septic tanks, sewage; erosion of natural deposits
Radioactive Contaminants							
Gross Beta	No	9/23/13	0.5 pCi/L	pCi/L	0 pCi/L	50** pCi/L	Erosion of natural deposits
Radium 228 and 226	No	9/23/13	0.60 pCi/L	pCi/L	0 pCi/L	5 pCi/L	Erosion of natural deposits
Disinfection Byproducts							
Total Trihalomethanes (Mexico Town)	No	9/1/16	22.1 ug/l	ppb	n/a	MCL= 80 ppb	By-product of drinking water chlorination
Haloacetic Acids (Mexico Town/Village Average & Range)	No	9/1/16	4.1 ug/l	ppb	n/a	MCL= 60 ug/l	By-product of drinking water chlorination