

NATURALLY OCCURRING COMPOUNDS AS WELL AS CONTAMINANTS					DISTRIBUTION AREA 12 Range of Readings				
Detected Compound	MCL	MCGL	Unit Of Measure	Likely Source	Violation Yes/No	Low Value	High Value	Avg. Value	No. Of Tests
<b>INORGANICS</b>									
Alkalinity, total	n/a	n/a	mg/L	Naturally occurring	NO	ND	126.6	52.8	251
Aluminum	n/a	n/a	mg/L	Naturally occurring	NO	ND	0.25	0.04	448
Ammonia, free	n/a	n/a	mg/L	Some fertilizers, septic systems	NO	ND	0.08	ND	310
Arsenic	10	0	ug/L	Erosion of natural deposits	NO	ND	4.0	ND	448
Barium	2	2	mg/L	Erosion of natural deposits	NO	ND	0.07	ND	448
Boron	n/a	n/a	mg/L	Naturally occurring	NO	ND	ND	ND	489
Bromide	n/a	n/a	mg/L	Naturally occurring	NO	ND	ND	ND	524
Cadmium	5	5	ug/L	Natural deposits, galvanized pipe	NO	ND	0.2	ND	448
Calcium	n/a	n/a	mg/L	Naturally occurring, pH control	NO	1.6	57.0	20.6	489
CO2, calculated	n/a	n/a	mg/L	Naturally occurring	NO	0.1	45.6	8.8	251
Chloride	250	n/a	mg/L	Naturally occurring, salt water intrusion	NO	3.5	75.8	33.2	524
Chromium, total	100	100	ug/L	Natural deposits	NO	ND	2.27	0.58	448
Cobalt-59	n/a	n/a	ug/L	Naturally occurring	NO	ND	5.3	ND	448
Color	15	n/a	Color Units	Naturally occurring metals or minerals	NO	ND	12	ND	251
Copper	AL=1.3	1.3	mg/L	Household plumbing	NO	ND	0.27	ND	448
Dissolved Solids, total	n/a	n/a	mg/L	Naturally occurring minerals and metals	NO	24	300	134	254
Fluoride	2.2	n/a	mg/L	Erosion of natural deposits	NO	ND	ND	ND	524
Hardness, total	n/a	n/a	mg/L	Measure of the calcium and magnesium	NO	5.3	182.4	67.8	489
Hexavalent Chromium	n/a	n/a	ug/L	Erosion of natural deposits	NO	ND	1.98	0.41	252
Iron	300	n/a	ug/L	Naturally occurring	YES	ND	1032	89	489
Lead	AL=15	0	ug/L	Household plumbing, lead solder	NO	ND	2.7	ND	448
Lithium	n/a	n/a	ug/L	Naturally occurring	NO	ND	4.7	ND	448
Magnesium	n/a	n/a	mg/L	Naturally occurring	NO	0.27	17.77	3.96	489
Manganese	300	n/a	ug/L	Naturally occurring	NO	ND	110	15	489
Molybdenum	n/a	n/a	ug/L	Naturally occurring	NO	ND	1.1	ND	448
Nickel	100	n/a	ug/L	Alloys, coatings manufacturing, batteries	NO	ND	6.9	0.8	448
Nitrate	10	10	mg/L	Natural deposits, fertilizer, septic tanks	NO	ND	7.98	4.16	524
Perchlorate	15	5	ug/L	Fertilizers, solid fuel propellant, fireworks	NO	ND	3.57	0.52	271
Phosphate, total	n/a	n/a	mg/L	Added to keep iron in solution	NO	ND	3.35	0.44	489
pH	n/a	n/a	pH Units	Measure of water acidity or alkalinity	NO	6.5	8.8	7.2	251
pH, field	n/a	n/a	pH Units	Measure of water acidity or alkalinity	NO	6.0	8.0	7.2	233
Potassium	n/a	n/a	mg/L	Naturally occurring	NO	0.22	3.17	1.15	489
Silicon	n/a	n/a	mg/L	Naturally occurring	NO	2.8	10.8	6.5	448
Sodium	n/a	n/a	mg/L	Naturally occurring	NO	2.9	53.8	16.6	489
Specific Conductance	n/a	n/a	umho/cm	Total of naturally occurring minerals	NO	35	517	230	251
Strontium-88	n/a	n/a	mg/L	Naturally occurring	NO	ND	0.184	0.055	448
Sulfate	250	n/a	mg/L	Naturally occurring	NO	ND	43.2	13.5	524
Surfactants, anionic	0.5	n/a	mg/L	Washwater from septic systems	NO	ND	0.09	ND	244
Tin	n/a	n/a	ug/L	Solder used in plumbing	NO	ND	0.69	ND	448
Titanium	n/a	n/a	ug/L	Naturally occurring	NO	ND	19.3	ND	489
Total Organic Carbon	n/a	n/a	mg/L	Naturally occurring	NO	ND	1.48	0.29	26
Turbidity	5	n/a	NTU	Silts and clays in aquifer	NO	ND	3.3	0.55	250
Vanadium	n/a	n/a	ug/L	Naturally occurring	NO	ND	5.0	ND	448
Zinc	5	n/a	mg/L	Naturally occurring, plumbing	NO	ND	0.03	ND	448
<b>SYNTHETIC ORGANIC COMPOUNDS INCLUDING PESTICIDES, HERBICIDES, PHARMACEUTICALS AND PERSONAL CARE PRODUCTS</b>									
Alachlor ESA	50	n/a	ug/L	Degradation product of Alachlor	NO	ND	ND	ND	266
Alachlor OA	50	n/a	ug/L	Degradation product of Alachlor	NO	ND	ND	ND	266
Aldicarb Sulfone	2	1	ug/L	Pesticide used on row crops	NO	ND	ND	ND	264
Aldicarb Sulfoxide	4	1	ug/L	Pesticide used on row crops	NO	ND	ND	ND	264
Diethyltoluamide (DEET)	50	n/a	ug/L	Insect repellent	NO	ND	0.24	ND	265
1,4-Dioxane	50	n/a	ug/L	Used in manufacturing processes	NO	ND	5.94	0.27	369
Hexazinone	50	n/a	ug/L	Used as a herbicide	NO	ND	0.31	ND	265
Metalaxyl	50	n/a	ug/L	Used as a fungicide	NO	ND	ND	ND	263
Metolachlor	50	n/a	ug/L	Used as a soil herbicide	NO	ND	ND	ND	263
Metolachlor ESA	50	n/a	ug/L	Degradation product of Metolachlor	NO	ND	0.29	ND	266
Metolachlor OA	50	n/a	ug/L	Degradation product of Metolachlor	NO	ND	ND	ND	266
Tetrachloroterephthalic Acid	50	n/a	ug/L	Used as an herbicide	NO	ND	11.57	ND	295
<b>VOLATILE ORGANIC COMPOUNDS</b>									
Carbon Tetrachloride	5	0	ug/L	From industrial chemical factories	NO	ND	ND	ND	603
Chlorobenzene	5	n/a	ug/L	From industrial chemical factories	NO	ND	0.30	ND	603
Chlorodifluoromethane	5	n/a	ug/L	Used as a refrigerant	NO	ND	0.86	ND	603
Cis-1,2-Dichloroethene	5	n/a	ug/L	From industrial chemical factories	NO	ND	1.37	ND	603
Dibromomethane	5	n/a	ug/L	Manufacture of chemicals, pharmaceuticals	NO	ND	ND	ND	603
Dichlorodifluoromethane	5	n/a	ug/L	Refrigerant, aerosol propellant	NO	ND	0.38	ND	603
1,1-Dichloroethane	5	n/a	ug/L	Degreaser, gasoline, manufacturing	NO	ND	3.46	ND	603
1,2-Dichloroethane	5	n/a	ug/L	From industrial chemical factories	NO	ND	ND	ND	603
1,1-Dichloroethene	5	n/a	ug/L	From industrial chemical factories	NO	ND	0.95	ND	603

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1,2-Dichloropropane	5	0	ug/L	From industrial chemical factories	NO	ND	ND	ND	603
Ethyl Benzene	5	n/a	ug/L	From paint on inside of water storage tank	NO	ND	ND	ND	603
Methylene Chloride	5	0	ug/L	From industrial chemical factories	NO	ND	ND	ND	603
Methyl-Tert-Butyl Ether	10	n/a	ug/L	Gasoline	NO	ND	2.86	ND	603
o-Xylene	5	n/a	ug/L	From paint on inside of water storage tank	NO	ND	0.62	ND	603
p,m-Xylene	5	n/a	ug/L	From paint on inside of water storage tank	NO	ND	0.47	ND	603
Tert-Butyl Alcohol	50	n/a	ug/L	Solvent and fuel additive	NO	ND	ND	ND	603
Tetrachloroethene	5	0	ug/L	Factories, dry cleaners, spills	NO	ND	1.29	ND	603
Tetrahydrofuran	50	n/a	ug/L	Solvent for natural and synthetic resins	NO	ND	ND	ND	603
Toluene	5	n/a	ug/L	From paint on inside of water storage tank	NO	ND	0.16	ND	603
1,1,1-Trichloroethane	5	n/a	ug/L	Metal degreasing sites, factories	NO	ND	2.16	ND	603
Trichloroethene	5	0	ug/L	Metal degreasing sites, factories	NO	ND	1.01	ND	603
Trichlorofluoromethane	5	n/a	ug/L	Dry cleaning, propellant, fire extinguishers	NO	ND	ND	ND	603
1,2,3-Trichloropropane	5	n/a	ug/L	Degreasing agent, manufacturing	NO	ND	ND	ND	603
1,1,2-Trichlorotrifluoroethane	5	n/a	ug/L	Solvent in paints and varnishes	NO	ND	0.37	ND	603
1,2,4-Trimethylbenzene	5	n/a	ug/L	By-product of oil refinery process	NO	ND	0.18	ND	603
<b>DISINFECTANT AND DISINFECTION BY-PRODUCTS (**MCL is the sum of the four starred compounds shown below)</b>									
Bromochloroacetic Acid	50	n/a	ug/L	By-product of chlorination	NO	ND	1.2	ND	36
Bromodichloroacetic Acid	50	n/a	ug/L	By-product of chlorination	NO	ND	ND	ND	36
Bromodichloromethane	**80	0	ug/L	By-product of chlorination	NO	ND	1.51	ND	599
Bromoform	**80	0	ug/L	By-product of chlorination	NO	ND	0.93	ND	599
Chlorate	n/a	n/a	mg/L	By-product of chlorination	NO	ND	0.99	0.07	785
Chlorine residual., free	4	4	mg/L	Used as disinfectant	NO	0.10	1.61	0.88	2470
Chloroform	**80	70	ug/L	By-product of chlorination	NO	ND	2.77	0.39	599
Dibromochloromethane	**80	60	ug/L	By-product of chlorination	NO	ND	1.48	ND	599

UNREGULATED CONTAMINANT MONITORING RULE CYCLE 3 (UCMR3)					DISTRIBUTION AREA 12 Range of Readings			
Detected Compound	MCL	MCGL	Unit Of Measure	Likely Source	Low Value	High Value	Avg. Value	No. Of Tests
<b>UCMR3 TEST RESULTS FOR 2015 - INORGANICS</b>								
Chromium, total	100	100	ug/L	Natural deposits	ND	0.67	ND	2
Cobalt-59	n/a	n/a	ug/L	Naturally occurring	ND	ND	ND	2
Strontium-88	n/a	n/a	mg/l	Naturally occurring	0.022	0.036	0.029	2
<b>UCMR3 TEST RESULTS FOR 2015 - SYNTHETIC ORGANIC COMPOUNDS INCLUDING PESTICIDES, HERBICIDES, PHARMACEUTICALS AND PERSONAL CARE PRODUCTS</b>								
PFOS	50	n/a	ug/L	Pesticide, alkaline cleaners, floor polish	ND	ND	ND	2
<b>UCMR3 TEST RESULTS FOR 2015 - VOLATILE ORGANIC COMPOUNDS</b>								
1,1-Dichloroethane	5	n/a	ug/L	Degreaser, gasoline, manufacturing	ND	ND	ND	2
Trichloroethene	5	0	ug/L	Metal degreasing sites, factories	ND	ND	ND	2

Please see page 10 for information on the UCMR3 testing.

PHARMACEUTICALS AND PERSONAL CARE PRODUCTS (PPCPS) MONITORING					DISTRIBUTION AREA 12 Range of Readings				
Detected Compound	MCL	MCGL	Unit Of Measure	Likely Source	Violation Yes/No	Low Value	High Value	Avg. Value	No. Of Tests
<b>Synthetic Organic Compounds including Pesticides and Pharmaceuticals</b>									
Carbamazepine	50	n/a	ug/L	Anticonvulsant, mood stabilizing drug	NO	ND	0.23	ND	327
Dilantin	50	n/a	ug/L	Antiepileptic drug	NO	ND	0.15	ND	327
Gemfibrozil	50	n/a	ug/L	Lipid lowering drug	NO	ND	0.13	ND	327
(4-Hydroxyphenyl)-5-Phenylhydantoin	50	n/a	ug/L	Used for determining drug levels in the body	NO	ND	0.16	ND	164
Ibuprofen	50	n/a	ug/L	Anti-inflammatory drug	NO	ND	0.07	ND	327
Imidacloprid	50	n/a	ug/L	Used as a pesticide	NO	ND	ND	ND	327
Lamotrigine	50	n/a	ug/L	Pharmaceutical anticonvulsant drug	NO	ND	ND	ND	164
Meprobamate	50	n/a	ug/L	Antianxiety drug	NO	ND	0.33	ND	327
Phenobarbital	50	n/a	ug/L	Anticonvulsant, mood stabilizing drug	NO	ND	1.20	0.05	327
Primidone	50	n/a	ug/L	Pharmaceutical anticonvulsant drug	NO	ND	0.19	ND	164
Sulfamethoxazole	50	n/a	ug/L	Antibiotic	NO	ND	ND	ND	327

Please see pages 12 through 14 for information on the PPCPS testing.