

Naturally Occuring Compounds as well as Contaminants					Distribution Area 23 Range of Readings			
Detected Compound	MCL	MCGL	Unit Of Measure	Likely Source	Low Value	High Value	Avg. Value	No. Of Tests
<b>Inorganics</b>								
Alkalinity, total	n/a	n/a	mg/L	Naturally occurring	ND	69.0	42.8	120
Aluminum	n/a	n/a	mg/L	Naturally occurring	ND	0.23	0.04	139
Ammonia, free	n/a	n/a	mg/L	Some fertilizers, septic systems	ND	0.04	ND	132
Arsenic	10	0	ug/L	Erosion of natural deposits	ND	1.1	ND	139
Barium	2	2	mg/L	Erosion of natural deposits	ND	0.08	0.03	139
Boron	n/a	n/a	mg/L	Naturally occurring	ND	ND	ND	189
Bromide	n/a	n/a	mg/L	Naturally occurring	ND	0.12	ND	204
Cadmium	5	5	ug/L	Natural deposits, galvanized pipe	ND	ND	ND	139
Calcium	n/a	n/a	mg/L	Naturally occurring, pH control	5.0	43.2	19.8	189
CO2, calculated	n/a	n/a	mg/L	Naturally occurring	0.6	142.4	10.9	120
Chloride	250	n/a	mg/L	Naturally occurring, salt water intrusion	8.4	71.2	25.7	204
Chromium, total	100	100	ug/L	Natural deposits	ND	1.43	ND	139
Cobalt-59	n/a	n/a	ug/L	Naturally occurring	ND	11.9	0.5	139
Color	15	n/a	Color Units	Naturally occurring metals or minerals	ND	5	ND	120
Copper	AL=1.3	1.3	mg/L	Household plumbing	ND	0.14	ND	139
Dissolved Solids, total	n/a	n/a	mg/L	Naturally occurring minerals and metals	65	227	134	126
Fluoride	2.2	n/a	mg/L	Erosion of natural deposits	ND	ND	ND	204
Hardness, total	n/a	n/a	mg/L	Measure of the calcium and magnesium	22.3	135.9	67.4	189
Hexavalent Chromium	n/a	n/a	ug/L	Erosion of natural deposits	ND	1.47	0.32	152
Iron	300	n/a	ug/L	Naturally occurring	ND	617	107	189
Lead	AL=15	0	ug/L	Household plumbing, lead solder	ND	1.4	ND	139
Lithium	n/a	n/a	ug/L	Naturally occurring	ND	5.0	1.0	139
Magnesium	n/a	n/a	mg/L	Naturally occurring	1.46	9.42	4.35	189
Manganese	300	n/a	ug/L	Naturally occurring	ND	200	23	189
Molybdenum	n/a	n/a	ug/L	Naturally occurring	ND	ND	ND	139
Nickel	100	n/a	ug/L	Alloys, coatings manufacturing, batteries	ND	7.7	0.7	139
Nitrate	10	10	mg/L	Natural deposits, fertilizer, septic tanks	ND	7.05	2.99	204
Perchlorate	15	5	ug/L	Fertilizers, solid fuel propellant, fireworks	ND	1.11	0.24	137
Phosphate, total	n/a	n/a	mg/L	Added to keep iron in solution	ND	4.17	0.42	189
pH	n/a	n/a	pH Units	Measure of water acidity or alkalinity	6.4	8.2	7.0	120
pH, field	n/a	n/a	pH Units	Measure of water acidity or alkalinity	6.5	8.2	7.1	115
Potassium	n/a	n/a	mg/L	Naturally occurring	0.45	3.46	1.24	189
Silicon	n/a	n/a	mg/L	Naturally occurring	5.1	10.0	7.3	139
Sodium	n/a	n/a	mg/L	Naturally occurring	7.3	31.6	14.5	189
Specific Conductance	n/a	n/a	umho/cm	Total of naturally occurring minerals	94	400	227	120
Strontium-88	n/a	n/a	mg/L	Naturally occurring	0.024	0.115	0.065	139
Sulfate	250	n/a	mg/L	Naturally occurring	3.1	56.8	21.7	204
Surfactants, anionic	0.50	n/a	mg/L	Washwater from septic systems	ND	ND	ND	114
Titanium	n/a	n/a	ug/L	Naturally occurring	ND	12.7	ND	189
Total Organic Carbon	n/a	n/a	mg/L	Naturally occurring	ND	1.34	0.46	12
Turbidity	5	n/a	NTU	Silts and clays in aquifer	ND	1.1	ND	120
Vanadium	n/a	n/a	ug/L	Naturally occurring	ND	4.6	ND	139
Zinc	5	n/a	mg/L	Naturally occurring, plumbing	ND	0.12	ND	139
<b>Synthetic Organic Compounds including Pesticides, Herbicides, Pharmaceuticals and Personal Care Products</b>								
Acetochlor ESA	50	n/a	ug/L	Degradation product of Alachlor	ND	0.22	ND	148
Alachlor	2	n/a	ug/L	Used as an herbicide	ND	0.9	ND	154
Alachlor ESA	50	n/a	ug/L	Degradation product of Alachlor	ND	0.23	ND	148
Alachlor OA	50	n/a	ug/L	Degradation product of Alachlor	ND	0.22	ND	148
Aldicarb Sulfone	2	1	ug/L	Pesticide used on row crops	ND	ND	ND	161
Aldicarb Sulfoxide	4	1	ug/L	Pesticide used on row crops	ND	1.3	ND	161
Carbamazepine	50	n/a	ug/L	Anticonvulsant, mood stabilizing drug	ND	ND	ND	129
Dilantin	50	n/a	ug/L	Antiepileptic drug	ND	ND	ND	153
Diethyltoluamide (DEET)	50	n/a	ug/L	Insect repellent	ND	ND	ND	122
1,4-Dioxane	50	n/a	ug/L	Used in manufacturing processes	ND	0.18	ND	159
Gemfibrozil	50	n/a	ug/L	Lipid lowering drug	ND	ND	ND	133
Hexazinone	50	n/a	ug/L	Used as an herbicide	ND	ND	ND	122
Ibuprofen	50	n/a	ug/L	Anti-inflammatory drug	ND	ND	ND	133
Imidacloprid	50	n/a	ug/L	Used as a pesticide	ND	0.33	ND	153
Meprobamate	50	n/a	ug/L	Antianxiety drug	ND	ND	ND	129
Metalaxyl	50	n/a	ug/L	Used as a fungicide	ND	ND	ND	154
Metolachlor	50	n/a	ug/L	Used as a soil herbicide	ND	ND	ND	154
Metolachlor ESA	50	n/a	ug/L	Degradation product of Metolachlor	ND	3.75	0.3	148

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Detected Compound	MCL	MCGL	Unit Of Measure	Likely Source	Low Value	High Value	Avg. Value	No. Of Tests
Metolachlor OA	50	n/a	ug/L	Degradation product of Metolachlor	ND	1.62	ND	148
Naproxen	50	n/a	ug/L	Anti-inflammatory drug	ND	ND	ND	133
PFHpA	50	n/a	ug/L	Used on products for stain/water resistance	ND	0.04	ND	17
PFHxS	50	n/a	ug/L	Used on products for stain/water resistance	ND	ND	ND	17
PFOS	50	n/a	ug/L	Pesticide, alkaline cleaners, floor polish	ND	ND	ND	17
Tetrachloroterephthalic Acid	50	n/a	ug/L	Used as an herbicide	ND	4.43	ND	138
<b>Volatile Organic Compounds</b>								
Carbon Tetrachloride	5	0	ug/L	From industrial chemical factories	ND	ND	ND	257
Chlorobenzene	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	257
Chlorodifluoromethane	5	n/a	ug/L	Used as a refrigerant	ND	ND	ND	257
Cis-1,2-Dichloroethene	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	257
Dichlorodifluoromethane	5	n/a	ug/L	Refrigerant, aerosol propellant	ND	ND	ND	257
1,1-Dichloroethane	5	n/a	ug/L	Degreaser, gasoline, manufacturing	ND	ND	ND	257
1,1-Dichloroethene	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	257
1,2-Dichloroethane	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	257
1,2-Dichloropropane	5	0	ug/L	From industrial chemical factories	ND	0.43	ND	257
Ethyl Benzene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	257
Methylene Chloride	5	0	ug/L	From paint on inside of water storage tank	ND	ND	ND	257
Methyl-Tert-Butyl Ether	10	n/a	ug/L	Gasoline	ND	1.11	ND	257
o-Xylene	5	n/a	ug/L	From paint on inside of water storage tank	ND	0.28	ND	257
p,m_Xylene	5	n/a	ug/L	From paint on inside of water storage tank	ND	0.28	ND	257
Tetrachloroethene	5	0	ug/L	Factories, dry cleaners, spills	ND	ND	ND	257
1,1,1-Trichloroethane	5	n/a	ug/L	Metal degreasing sites, factories	ND	ND	ND	257
Tetrahydrofuran	50	n/a	ug/L	Solvent for natural and synthetic resins	ND	ND	ND	257
Toluene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	257
Trichloroethene	5	0	ug/L	Metal degreasing sites, factories	ND	ND	ND	257
Trichlorofluoromethane	5	n/a	ug/L	Dry cleaning, propellant, fire extinguishers	ND	ND	ND	257
1,2,3-Trichloropropane	5	n/a	ug/L	Degreasing agent, manufacturing	ND	1.02	ND	257
1,1,2-Trichlorotrifluoroethane	5	n/a	ug/L	Solvent in paints and varnishes	ND	ND	ND	257
<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	ND	ND	ND	7
Bromodichloroacetic Acid	50	n/a	ug/L	By-product of chlorination	ND	ND	ND	7
Bromodichloromethane	**80	0	ug/L	By-product of chlorination	ND	1.36	ND	257
Bromoform	**80	0	ug/L	By-product of chlorination	ND	1.18	ND	257
Chlorate	n/a	n/a	mg/L	By-product of chlorination	ND	1.94	0.09	377
Chlorine residual., free	4	4	mg/L	Used as disinfectant	0.3	1.4	0.9	1055
Chloroform	**80	70	ug/L	By-product of chlorination	ND	7.32	1.33	257
Dibromochloromethane	**80	60	ug/L	By-product of chlorination	ND	1.73	ND	257

Please see page 10 for information on the UCMR3 testing.

UNREGULATED CONTAMINANT MONITORING RULE CYCLE 3 (UCMR3)					Distribution Area 23 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 2013 - Inorganics</b>								
Chromium, total	100	100	ug/L	By-product of chlorination	ND	0.60	0.26	32
Cobalt-59	n/a	n/a	ug/L	By-product of chlorination	ND	4.6	ND	32
Molybdenum	n/a	n/a	ug/L	By-product of chlorination	ND	1.1	ND	32
Strontium-88	n/a	n/a	mg/l	By-product of chlorination	0.002	0.117	0.052	32
Vanadium	n/a	n/a	ug/L	By-product of chlorination	ND	2.3	0.6	32
<b>UCMR3 Test Results For 2013 - Volatile Organic Compounds</b>								
Carbon Tetrachloride	5	0	ug/L	From industrial chemical factories	ND	ND	ND	17
Chlorodifluoromethane	5	n/a	ug/L	Used as a refrigerant	ND	ND	ND	17
1,1-Dichloroethane	5	n/a	ug/L	Degreaser, gasoline, manufacturing	ND	0.11	ND	17
1,2-Dichloroethane	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	17
1,2-Dichloropropane	5	0	ug/L	From industrial chemical factories	ND	ND	ND	17
Methylene Chloride	5	0	ug/L	From paint on inside of water storage tank	ND	ND	ND	17
Tetrachloroethene	5	0	ug/L	Factories, dry cleaners, spills	ND	ND	ND	17
Trichloroethene	5	0	ug/L	Metal degreasing sites, factories	ND	ND	ND	17
1,2,3-Trichloropropane	5	n/a	ug/L	Degreasing agent, manufacturing	ND	1.02	0.13	17