

Naturally Occuring Compounds as well as Contaminants					Distribution Area 11 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	21.4	95.8	41.8	52
Aluminum	n/a	n/a	mg/L	Naturally occurring	ND	0.11	0.04	70
Ammonia, free	n/a	n/a	mg/L	Some fertilizers, septic systems	ND	ND	ND	55
Arsenic	10	0	ug/L	Erosion of natural deposits	ND	ND	ND	70
Barium	2	2	mg/L	Erosion of natural deposits	ND	0.05	ND	70
Boron	n/a	n/a	mg/L	Naturally occurring	ND	ND	ND	74
Bromide	n/a	n/a	mg/L	Naturally occurring	ND	ND	ND	122
Cadmium	5	5	ug/L	Natural deposits, galvanized pipe	ND	ND	ND	70
Calcium	n/a	n/a	mg/L	Naturally occurring, pH control	2.2	44.0	16.7	74
CO2, calculated	n/a	n/a	mg/L	Naturally occurring	1.6	44.0	12.1	52
Chloride	250	n/a	mg/L	Naturally occurring, salt water intrusion	5.9	46.5	21.2	122
Chromium, total	100	100	ug/L	Natural deposits	ND	1.39	ND	70
Cobalt-59	n/a	n/a	ug/L	Naturally occurring	ND	1.9	ND	70
Color	15	n/a	Color Units	Naturally occurring metals or minerals	ND	ND	ND	52
Copper	AL=1.3	1.3	mg/L	Household plumbing	ND	0.11	ND	70
Dissolved Solids, total	n/a	n/a	mg/L	Naturally occurring minerals and metals	44	204	103	70
Fluoride	2.2	n/a	mg/L	Erosion of natural deposits	ND	ND	ND	122
Hardness, total	n/a	n/a	mg/L	Measure of the calcium and magnesium	9.1	129.9	53.3	74
Hexavalent Chromium	n/a	n/a	ug/L	Erosion of natural deposits	0.04	1.22	0.37	76
Iron	300	n/a	ug/L	Naturally occurring	ND	109	ND	74
Lead	AL=15	0	ug/L	Household plumbing, lead solder	ND	1.2	ND	70
Lithium	n/a	n/a	ug/L	Naturally occurring	ND	ND	ND	70
Magnesium	n/a	n/a	mg/L	Naturally occurring	0.8	6.44	2.82	74
Manganese	300	n/a	ug/L	Naturally occurring	ND	51	ND	74
Molybdenum	n/a	n/a	ug/L	Naturally occurring	ND	ND	ND	70
Nickel	100	n/a	ug/L	Alloys, coatings manufacturing, batteries	ND	4.0	1.3	70
Nitrate	10	10	mg/L	Natural deposits, fertilizer, septic tanks	ND	7.41	4.28	122
Perchlorate	15	5	ug/L	Fertilizers, solid fuel propellant, fireworks	ND	1.83	0.73	53
Phosphate, total	n/a	n/a	mg/L	Added to keep iron in solution	ND	ND	ND	74
pH	n/a	n/a	pH Units	Measure of water acidity or alkalinity	6.5	7.6	6.9	52
pH, field	n/a	n/a	pH Units	Measure of water acidity or alkalinity	6.5	8.0	7.1	50
Potassium	n/a	n/a	mg/L	Naturally occurring	0.46	1.86	0.89	74
Silicon	n/a	n/a	mg/L	Naturally occurring	3.3	6.9	4.8	70
Sodium	n/a	n/a	mg/L	Naturally occurring	4.6	23.9	10.9	74
Specific Conductance	n/a	n/a	umho/cm	Total of naturally occurring minerals	82	372	189	52
Strontium-88	n/a	n/a	mg/L	Naturally occurring	0.012	0.111	0.046	70
Sulfate	250	n/a	mg/L	Naturally occurring	ND	18.5	4.9	122
Surfactants, anionic	0.50	n/a	mg/L	Washwater from septic systems	ND	ND	ND	49
Titanium	n/a	n/a	ug/L	Naturally occurring	ND	6.8	ND	74
Total Organic Carbon	n/a	n/a	mg/L	Naturally occurring	ND	0.56	0.29	5
Turbidity	5	n/a	NTU	Silts and clays in aquifer	ND	0.6	ND	52
Vanadium	n/a	n/a	ug/L	Naturally occurring	ND	ND	ND	70
Zinc	5	n/a	mg/L	Naturally occurring, plumbing	ND	0.02	ND	70
<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	ND	ND	56
Alachlor	2	n/a	ug/L	Used as an herbicide	ND	ND	ND	52
Alachlor ESA	50	n/a	ug/L	Degradation product of Alachlor	ND	ND	ND	56
Alachlor OA	50	n/a	ug/L	Degradation product of Alachlor	ND	ND	ND	56
Aldicarb Sulfone	2	1	ug/L	Pesticide used on row crops	ND	ND	ND	56
Aldicarb Sulfoxide	4	1	ug/L	Pesticide used on row crops	ND	ND	ND	56
Carbamazepine	50	n/a	ug/L	Anticonvulsant, mood stabilizing drug	ND	ND	ND	54
Dilantin	50	n/a	ug/L	Antiepileptic drug	ND	ND	ND	59
Diethyltoluamide (DEET)	50	n/a	ug/L	Insect repellent	ND	ND	ND	58
1,4-Dioxane	50	n/a	ug/L	Used in manufacturing processes	0.09	1.83	0.51	96
Gemfibrozil	50	n/a	ug/L	Lipid lowering drug	ND	ND	ND	56
Hexazinone	50	n/a	ug/L	Used as an herbicide	ND	ND	ND	58
Ibuprofen	50	n/a	ug/L	Anti-inflammatory drug	ND	ND	ND	56
Imidacloprid	50	n/a	ug/L	Used as a pesticide	ND	ND	ND	59
Meprobamate	50	n/a	ug/L	Antianxiety drug	ND	ND	ND	54
Metalaxyl	50	n/a	ug/L	Used as a fungicide	ND	ND	ND	52
Metolachlor	50	n/a	ug/L	Used as a soil herbicide	ND	ND	ND	52
Metolachlor ESA	50	n/a	ug/L	Degradation product of Metolachlor	ND	ND	ND	56

Naturally Occurring Compounds as well as Contaminants					Distribution Area 11 Range of Readings			
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	ND	ND	56
Naproxen	50	n/a	ug/L	Anti-inflammatory drug	ND	ND	ND	56
PFHpA	50	n/a	ug/L	Used on products for stain/water resistance	ND	ND	ND	13
PFHxS	50	n/a	ug/L	Used on products for stain/water resistance	ND	ND	ND	13
PFOS	50	n/a	ug/L	Pesticide, alkaline cleaners, floor polish	ND	ND	ND	13
Tetrachloroterephthalic Acid	50	n/a	ug/L	Used as an herbicide	ND	1.87	ND	57
<b>Volatile Organic Compounds</b>								
Carbon Tetrachloride	5	0	ug/L	From industrial chemical factories	ND	ND	ND	225
Chlorobenzene	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	225
Chlorodifluoromethane	5	n/a	ug/L	Used as a refrigerant	ND	ND	ND	225
Cis-1,2-Dichloroethene	5	n/a	ug/L	From industrial chemical factories	ND	0.82	ND	225
Dichlorodifluoromethane	5	n/a	ug/L	Refrigerant, aerosol propellant	ND	0.36	ND	225
1,1-Dichloroethane	5	n/a	ug/L	Degreaser, gasoline, manufacturing	ND	2.61	0.72	225
1,1-Dichloroethene	5	n/a	ug/L	From industrial chemical factories	ND	0.80	ND	225
1,2-Dichloroethane	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	225
1,2-Dichloropropane	5	0	ug/L	From industrial chemical factories	ND	ND	ND	225
Ethyl Benzene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	225
Methylene Chloride	5	0	ug/L	From paint on inside of water storage tank	ND	ND	ND	225
Methyl-Tert-Butyl Ether	10	n/a	ug/L	Gasoline	ND	0.92	ND	225
o-Xylene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	225
p,m_Xylene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	225
Tetrachloroethene	5	0	ug/L	Factories, dry cleaners, spills	ND	0.66	ND	225
1,1,1-Trichloroethane	5	n/a	ug/L	Metal degreasing sites, factories	ND	1.18	0.33	225
Tetrahydrofuran	50	n/a	ug/L	Solvent for natural and synthetic resins	ND	ND	ND	225
Toluene	5	n/a	ug/L	From paint on inside of water storage tank	ND	0.16	ND	225
Trichloroethene	5	0	ug/L	Metal degreasing sites, factories	ND	1.24	ND	225
Trichlorofluoromethane	5	n/a	ug/L	Dry cleaning, propellant, fire extinguishers	ND	3.48	ND	225
1,2,3-Trichloropropane	5	n/a	ug/L	Degreasing agent, manufacturing	ND	0.25	ND	225
1,1,2-Trichlorotrifluoroethane	5	n/a	ug/L	Solvent in paints and varnishes	ND	2.14	ND	225
<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	6
Bromodichloroacetic Acid	50	n/a	ug/L	By-product of chlorination	ND	ND	ND	6
Bromodichloromethane	**80	0	ug/L	By-product of chlorination	ND	0.93	ND	225
Bromoform	**80	0	ug/L	By-product of chlorination	ND	1.04	ND	225
Chlorate	n/a	n/a	mg/L	By-product of chlorination	ND	0.13	0.05	264
Chlorine residual., free	4	4	mg/L	Used as disinfectant	0.2	1.6	0.9	487
Chloroform	**80	70	ug/L	By-product of chlorination	ND	0.84	ND	225
Dibromochloromethane	**80	60	ug/L	By-product of chlorination	ND	1.15	ND	225

[Please see page 10 for information on the UCMR3 testing.](#)

UNREGULATED CONTAMINANT MONITORING RULE CYCLE 3 (UCMR3)					Distribution Area 11 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	1.24	0.43	21
Cobalt-59	n/a	n/a	ug/L	By-product of chlorination	ND	ND	ND	21
Molybdenum	n/a	n/a	ug/L	By-product of chlorination	ND	ND	ND	21
Strontium-88	n/a	n/a	mg/l	By-product of chlorination	ND	0.095	0.042	21
Vanadium	n/a	n/a	ug/L	By-product of chlorination	ND	0.6	0.2	21
<b>UCMR3 Test Results For 2013 - Volatile Organic Compounds</b>								
Carbon Tetrachloride	5	0	ug/L	From industrial chemical factories	ND	ND	ND	13
Chlorodifluoromethane	5	n/a	ug/L	Used as a refrigerant	ND	ND	ND	13
1,1-Dichloroethane	5	n/a	ug/L	Degreaser, gasoline, manufacturing	ND	1.02	0.26	13
1,2-Dichloroethane	5	n/a	ug/L	From industrial chemical factories	ND	0.07	ND	13
1,2-Dichloropropane	5	0	ug/L	From industrial chemical factories	ND	ND	ND	13
Methylene Chloride	5	0	ug/L	From paint on inside of water storage tank	ND	ND	ND	13
Tetrachloroethene	5	0	ug/L	Factories, dry cleaners, spills	ND	0.32	0.09	13
Trichloroethene	5	0	ug/L	Metal degreasing sites, factories	ND	1.11	0.25	13
1,2,3-Trichloropropane	5	n/a	ug/L	Degreasing agent, manufacturing	ND	0.08	ND	13