

Naturally Occuring Compounds as well as Contaminants					Distribution Area 1 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	92.2	35.1	274
Aluminum	n/a	n/a	mg/L	Naturally occurring	ND	0.29	0.03	617
Ammonia, free	n/a	n/a	mg/L	Some fertilizers, septic systems	ND	0.14	ND	342
Arsenic	10	0	ug/L	Erosion of natural deposits	ND	1.3	ND	617
Barium	2	2	mg/L	Erosion of natural deposits	ND	0.07	ND	617
Boron	n/a	n/a	mg/L	Naturally occurring	ND	ND	ND	859
Bromide	n/a	n/a	mg/L	Naturally occurring	ND	0.28	ND	330
Cadmium	5	5	ug/L	Natural deposits, galvanized pipe	ND	0.3	ND	617
Calcium	n/a	n/a	mg/L	Naturally occurring, pH control	ND	54.9	13.4	859
CO2, calculated	n/a	n/a	mg/L	Naturally occurring	ND	39.4	8.2	274
Chloride	250	n/a	mg/L	Naturally occurring, salt water intrusion	3.5	172.9	14.2	330
Chromium, total	100	100	ug/L	Natural deposits	ND	3.51	ND	617
Cobalt-59	n/a	n/a	ug/L	Naturally occurring	ND	9.5	ND	617
Color	15	n/a	Color Units	Naturally occurring metals or minerals	ND	12	ND	274
Copper	AL=1.3	1.3	mg/L	Household plumbing	ND	0.27	0.04	617
Dissolved Solids, total	n/a	n/a	mg/L	Naturally occurring minerals and metals	32	379	78	297
Fluoride	2.2	n/a	mg/L	Erosion of natural deposits	ND	ND	ND	330
Hardness, total	n/a	n/a	mg/L	Measure of the calcium and magnesium	2.1	153.4	39.8	859
Hexavalent Chromium	n/a	n/a	ug/L	Erosion of natural deposits	ND	1.28	0.16	370
Iron	300	n/a	ug/L	Naturally occurring	ND	929	205	859
Lead	AL=15	0	ug/L	Household plumbing, lead solder	ND	1.5	ND	617
Lithium	n/a	n/a	ug/L	Naturally occurring	ND	6.8	1.5	617
Magnesium	n/a	n/a	mg/L	Naturally occurring	0.21	13.39	1.57	859
Manganese	300	n/a	ug/L	Naturally occurring	ND	66	ND	859
Molybdenum	n/a	n/a	ug/L	Naturally occurring	ND	ND	ND	617
Nickel	100	n/a	ug/L	Alloys, coatings manufacturing, batteries	ND	10.6	1.2	617
Nitrate	10	10	mg/L	Natural deposits, fertilizer, septic tanks	ND	8.05	1.10	330
Perchlorate	15	5	ug/L	Fertilizers, solid fuel propellant, fireworks	ND	2.11	0.19	275
Phosphate, total	n/a	n/a	mg/L	Added to keep iron in solution	ND	3.32	0.68	859
pH	n/a	n/a	pH Units	Measure of water acidity or alkalinity	6.5	8.8	7.0	274
pH, field	n/a	n/a	pH Units	Measure of water acidity or alkalinity	6.0	8.1	7.1	265
Potassium	n/a	n/a	mg/L	Naturally occurring	0.24	4.29	0.71	859
Silicon	n/a	n/a	mg/L	Naturally occurring	2.2	8.2	4.6	617
Sodium	n/a	n/a	mg/L	Naturally occurring	2.8	73.4	7.9	859
Specific Conductance	n/a	n/a	umho/cm	Total of naturally occurring minerals	50	771	134	274
Strontium-88	n/a	n/a	mg/L	Naturally occurring	ND	0.170	0.037	617
Sulfate	250	n/a	mg/L	Naturally occurring	ND	47.5	6.4	330
Surfactants, anionic	0.50	n/a	mg/L	Washwater from septic systems	ND	ND	ND	252
Titanium	n/a	n/a	ug/L	Naturally occurring	ND	10.3	ND	859
Total Organic Carbon	n/a	n/a	mg/L	Naturally occurring	ND	0.91	0.40	20
Turbidity	5	n/a	NTU	Silts and clays in aquifer	ND	3.7	ND	274
Vanadium	n/a	n/a	ug/L	Naturally occurring	ND	ND	ND	617
Zinc	5	n/a	mg/L	Naturally occurring, plumbing	ND	0.03	ND	617
<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	277
Alachlor	2	n/a	ug/L	Used as an herbicide	ND	ND	ND	271
Alachlor ESA	50	n/a	ug/L	Degradation product of Alachlor	ND	ND	ND	277
Alachlor OA	50	n/a	ug/L	Degradation product of Alachlor	ND	ND	ND	277
Aldicarb Sulfone	2	1	ug/L	Pesticide used on row crops	ND	ND	ND	271
Aldicarb Sulfoxide	4	1	ug/L	Pesticide used on row crops	ND	ND	ND	271
Carbamazepine	50	n/a	ug/L	Anticonvulsant, mood stabilizing drug	ND	ND	ND	279
Dilantin	50	n/a	ug/L	Antiepileptic drug	ND	0.11	ND	291
Diethyltoluamide (DEET)	50	n/a	ug/L	Insect repellent	ND	ND	ND	272
1,4-Dioxane	50	n/a	ug/L	Used in manufacturing processes	ND	2.91	0.15	366
Gemfibrozil	50	n/a	ug/L	Lipid lowering drug	ND	ND	ND	294
Hexazinone	50	n/a	ug/L	Used as an herbicide	ND	ND	ND	272
Ibuprofen	50	n/a	ug/L	Anti-inflammatory drug	ND	0.08	ND	294
Imidacloprid	50	n/a	ug/L	Used as a pesticide	ND	ND	ND	291
Meprobamate	50	n/a	ug/L	Antianxiety drug	ND	0.08	ND	279
Metalaxyl	50	n/a	ug/L	Used as a fungicide	ND	ND	ND	271
Metolachlor	50	n/a	ug/L	Used as a soil herbicide	ND	ND	ND	271
Metolachlor ESA	50	n/a	ug/L	Degradation product of Metolachlor	ND	ND	ND	277

Naturally Occurring Compounds as well as Contaminants					Distribution Area 1 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	277
Naproxen	50	n/a	ug/L	Anti-inflammatory drug	ND	ND	ND	294
PFHpA	50	n/a	ug/L	Used on products for stain/water resistance	ND	ND	ND	58
PFHxS	50	n/a	ug/L	Used on products for stain/water resistance	ND	ND	ND	58
PFOS	50	n/a	ug/L	Pesticide, alkaline cleaners, floor polish	ND	ND	ND	58
Tetrachloroterephthalic Acid	50	n/a	ug/L	Used as an herbicide	ND	1.18	ND	271
<b>Volatile Organic Compounds</b>								
Carbon Tetrachloride	5	0	ug/L	From industrial chemical factories	ND	ND	ND	468
Chlorobenzene	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	468
Chlorodifluoromethane	5	n/a	ug/L	Used as a refrigerant	ND	0.28	ND	468
Cis-1,2-Dichloroethene	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	468
Dichlorodifluoromethane	5	n/a	ug/L	Refrigerant, aerosol propellant	ND	ND	ND	468
1,1-Dichloroethane	5	n/a	ug/L	Degreaser, gasoline, manufacturing	ND	2.4	ND	468
1,1-Dichloroethene	5	n/a	ug/L	From industrial chemical factories	ND	0.31	ND	468
1,2-Dichloroethane	5	n/a	ug/L	From industrial chemical factories	ND	0.38	ND	468
1,2-Dichloropropane	5	0	ug/L	From industrial chemical factories	ND	ND	ND	468
Ethyl Benzene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	468
Methylene Chloride	5	0	ug/L	From paint on inside of water storage tank	ND	ND	ND	468
Methyl-Tert-Butyl Ether	10	n/a	ug/L	Gasoline	ND	0.93	ND	468
o-Xylene	5	n/a	ug/L	From paint on inside of water storage tank	ND	0.22	ND	468
p,m_Xylene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	468
Tetrachloroethene	5	0	ug/L	Factories, dry cleaners, spills	ND	0.41	ND	468
1,1,1-Trichloroethane	5	n/a	ug/L	Metal degreasing sites, factories	ND	1.14	ND	468
Tetrahydrofuran	50	n/a	ug/L	Solvent for natural and synthetic resins	ND	ND	ND	468
Toluene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	468
Trichloroethene	5	0	ug/L	Metal degreasing sites, factories	ND	0.89	ND	468
Trichlorofluoromethane	5	n/a	ug/L	Dry cleaning, propellant, fire extinguishers	ND	ND	ND	468
1,2,3-Trichloropropane	5	n/a	ug/L	Degreasing agent, manufacturing	ND	0.54	ND	468
1,1,2-Trichlorotrifluoroethane	5	n/a	ug/L	Solvent in paints and varnishes	ND	ND	ND	468
<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	27
Bromodichloroacetic Acid	50	n/a	ug/L	By-product of chlorination	ND	ND	ND	27
Bromodichloromethane	**80	0	ug/L	By-product of chlorination	ND	2.79	ND	464
Bromoform	**80	0	ug/L	By-product of chlorination	ND	0.78	ND	464
Chlorate	n/a	n/a	mg/L	By-product of chlorination	ND	0.77	0.06	1064
Chlorine residual., free	4	4	mg/L	Used as disinfectant	0.2	1.9	0.9	3027
Chloroform	**80	70	ug/L	By-product of chlorination	ND	3.47	0.36	464
Dibromochloromethane	**80	60	ug/L	By-product of chlorination	ND	2.31	ND	464

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

UNREGULATED CONTAMINANT MONITORING RULE CYCLE 3 (UCMR3)					Distribution Area 1 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	1.17	0.22	94
Cobalt-59	n/a	n/a	ug/L	By-product of chlorination	ND	1.4	ND	94
Molybdenum	n/a	n/a	ug/L	By-product of chlorination	ND	ND	ND	94
Strontium-88	n/a	n/a	mg/l	By-product of chlorination	ND	0.105	0.034	94
Vanadium	n/a	n/a	ug/L	By-product of chlorination	ND	1.4	ND	94
<b>UCMR3 Test Results For 2013 - Volatile Organic Compounds</b>								
Carbon Tetrachloride	5	0	ug/L	From industrial chemical factories	ND	ND	ND	53
Chlorodifluoromethane	5	n/a	ug/L	Used as a refrigerant	ND	ND	ND	53
1,1-Dichloroethane	5	n/a	ug/L	Degreaser, gasoline, manufacturing	ND	0.46	0.03	53
1,2-Dichloroethane	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	53
1,2-Dichloropropane	5	0	ug/L	From industrial chemical factories	ND	ND	ND	53
Methylene Chloride	5	0	ug/L	From paint on inside of water storage tank	ND	ND	ND	53
Tetrachloroethene	5	0	ug/L	Factories, dry cleaners, spills	ND	0.42	0.05	53
Trichloroethene	5	0	ug/L	Metal degreasing sites, factories	ND	0.26	ND	53
1,2,3-Trichloropropane	5	n/a	ug/L	Degreasing agent, manufacturing	ND	ND	ND	53