

Naturally Occuring Compounds as well as Contaminants					Distribution Area 12 Range of Readings			
Detected Compound	MCL	MCGL	Unit Of Measure	Likely Source	Low Value	High Value	Avg. Value	No. Of Tests
Inorganics								
Alkalinity, total	n/a	n/a	mg/L	Naturally occurring	ND	121.2	49.8	246
Aluminum	n/a	n/a	mg/L	Naturally occurring	ND	0.28	0.04	473
Ammonia, free	n/a	n/a	mg/L	Some fertilizers, septic systems	ND	0.17	ND	295
Arsenic	10	0	ug/L	Erosion of natural deposits	ND	3.7	ND	473
Barium	2	2	mg/L	Erosion of natural deposits	ND	0.07	ND	473
Boron	n/a	n/a	mg/L	Naturally occurring	ND	ND	ND	531
Bromide	n/a	n/a	mg/L	Naturally occurring	ND	0.28	ND	446
Cadmium	5	5	ug/L	Natural deposits, galvanized pipe	ND	ND	ND	473
Calcium	n/a	n/a	mg/L	Naturally occurring, pH control	2.1	58.9	21.5	531
CO2, calculated	n/a	n/a	mg/L	Naturally occurring	0.2	49	11.1	246
Chloride	250	n/a	mg/L	Naturally occurring, salt water intrusion	3.4	114.4	29.7	446
Chromium, total	100	100	ug/L	Natural deposits	ND	5.82	0.56	473
Cobalt-59	n/a	n/a	ug/L	Naturally occurring	ND	5.9	ND	473
Color	15	n/a	Color Units	Naturally occurring metals or minerals	ND	9	ND	246
Copper	AL=1.3	1.3	mg/L	Household plumbing	ND	0.19	0.02	473
Dissolved Solids, total	n/a	n/a	mg/L	Naturally occurring minerals and metals	31	306	131	255
Fluoride	2.2	n/a	mg/L	Erosion of natural deposits	ND	ND	ND	446
Hardness, total	n/a	n/a	mg/L	Measure of the calcium and magnesium	8.7	186.8	69.9	531
Hexavalent Chromium	n/a	n/a	ug/L	Erosion of natural deposits	ND	5.13	0.46	339
Iron	300	n/a	ug/L	Naturally occurring	ND	726	99	531
Lead	AL=15	0	ug/L	Household plumbing, lead solder	ND	1.8	ND	473
Lithium	n/a	n/a	ug/L	Naturally occurring	ND	4.3	ND	473
Magnesium	n/a	n/a	mg/L	Naturally occurring	0.30	17.98	3.91	531
Manganese	300	n/a	ug/L	Naturally occurring	ND	172	20	531
Molybdenum	n/a	n/a	ug/L	Naturally occurring	ND	1.1	ND	473
Nickel	100	n/a	ug/L	Alloys, coatings manufacturing, batteries	ND	7.4	0.7	473
Nitrate	10	10	mg/L	Natural deposits, fertilizer, septic tanks	ND	9.38	3.58	446
Perchlorate	15	5	ug/L	Fertilizers, solid fuel propellant, fireworks	ND	2.54	0.54	312
Phosphate, total	n/a	n/a	mg/L	Added to keep iron in solution	ND	2.42	0.56	531
pH	n/a	n/a	pH Units	Measure of water acidity or alkalinity	6.5	8.6	7.0	246
pH, field	n/a	n/a	pH Units	Measure of water acidity or alkalinity	6.5	8.4	7.1	239
Potassium	n/a	n/a	mg/L	Naturally occurring	0.24	2.93	1.15	531
Silicon	n/a	n/a	mg/L	Naturally occurring	3.1	10.8	6.6	473
Sodium	n/a	n/a	mg/L	Naturally occurring	3.0	69.2	16.4	531
Specific Conductance	n/a	n/a	umho/cm	Total of naturally occurring minerals	45	578	223	246
Strontium-88	n/a	n/a	mg/L	Naturally occurring	ND	0.187	0.056	473
Sulfate	250	n/a	mg/L	Naturally occurring	ND	47.9	11.9	446
Surfactants, anionic	0.50	n/a	mg/L	Washwater from septic systems	ND	0.09	ND	234
Titanium	n/a	n/a	ug/L	Naturally occurring	ND	10.4	ND	531
Total Organic Carbon	n/a	n/a	mg/L	Naturally occurring	ND	0.91	0.40	26
Turbidity	5	n/a	NTU	Silts and clays in aquifer	ND	2.7	0.45	246
Vanadium	n/a	n/a	ug/L	Naturally occurring	ND	6.3	ND	473
Zinc	5	n/a	mg/L	Naturally occurring, plumbing	ND	0.04	ND	473
Synthetic Organic Compounds including Pesticides, Herbicides, Pharmaceuticals and Personal Care Products								
Acetochlor ESA	50	n/a	ug/L	Degradation product of Alachlor	ND	ND	ND	269
Alachlor	2	n/a	ug/L	Used as an herbicide	ND	ND	ND	253
Alachlor ESA	50	n/a	ug/L	Degradation product of Alachlor	ND	ND	ND	269
Alachlor OA	50	n/a	ug/L	Degradation product of Alachlor	ND	ND	ND	269
Aldicarb Sulfone	2	1	ug/L	Pesticide used on row crops	ND	ND	ND	263
Aldicarb Sulfoxide	4	1	ug/L	Pesticide used on row crops	ND	ND	ND	263
Carbamazepine	50	n/a	ug/L	Anticonvulsant, mood stabilizing drug	ND	0.08	ND	272
Dilantin	50	n/a	ug/L	Antiepileptic drug	ND	0.18	ND	277
Diethyltoluamide (DEET)	50	n/a	ug/L	Insect repellent	ND	ND	ND	261
1,4-Dioxane	50	n/a	ug/L	Used in manufacturing processes	ND	4.85	0.28	401
Gemfibrozil	50	n/a	ug/L	Lipid lowering drug	ND	ND	ND	284
Hexazinone	50	n/a	ug/L	Used as an herbicide	ND	ND	ND	261
Ibuprofen	50	n/a	ug/L	Anti-inflammatory drug	ND	0.15	ND	284
Imidacloprid	50	n/a	ug/L	Used as a pesticide	ND	ND	ND	277
Meprobamate	50	n/a	ug/L	Antianxiety drug	ND	0.40	ND	272
Metalaxyl	50	n/a	ug/L	Used as a fungicide	ND	ND	ND	253
Metolachlor	50	n/a	ug/L	Used as a soil herbicide	ND	ND	ND	253
Metolachlor ESA	50	n/a	ug/L	Degradation product of Metolachlor	ND	0.21	ND	269

Naturally Occurring Compounds as well as Contaminants					Distribution Area 12 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	269
Naproxen	50	n/a	ug/L	Anti-inflammatory drug	ND	ND	ND	284
PFHpA	50	n/a	ug/L	Used on products for stain/water resistance	ND	ND	ND	53
PFHxS	50	n/a	ug/L	Used on products for stain/water resistance	ND	ND	ND	53
PFOS	50	n/a	ug/L	Pesticide, alkaline cleaners, floor polish	ND	ND	ND	53
Tetrachloroterephthalic Acid	50	n/a	ug/L	Used as an herbicide	ND	5.36	ND	304
Volatile Organic Compounds								
Carbon Tetrachloride	5	0	ug/L	From industrial chemical factories	ND	ND	ND	649
Chlorobenzene	5	n/a	ug/L	From industrial chemical factories	ND	0.31	ND	649
Chlorodifluoromethane	5	n/a	ug/L	Used as a refrigerant	ND	0.66	ND	649
Cis-1,2-Dichloroethene	5	n/a	ug/L	From industrial chemical factories	ND	1.99	ND	649
Dichlorodifluoromethane	5	n/a	ug/L	Refrigerant, aerosol propellant	ND	0.42	ND	649
1,1-Dichloroethane	5	n/a	ug/L	Degreaser, gasoline, manufacturing	ND	3.02	ND	649
1,1-Dichloroethene	5	n/a	ug/L	From industrial chemical factories	ND	2.01	ND	649
1,2-Dichloroethane	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	649
1,2-Dichloropropane	5	0	ug/L	From industrial chemical factories	ND	ND	ND	649
Ethyl Benzene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	649
Methylene Chloride	5	0	ug/L	From paint on inside of water storage tank	ND	ND	ND	649
Methyl-Tert-Butyl Ether	10	n/a	ug/L	Gasoline	ND	4.12	ND	649
o-Xylene	5	n/a	ug/L	From paint on inside of water storage tank	ND	0.47	ND	649
p,m_Xylene	5	n/a	ug/L	From paint on inside of water storage tank	ND	0.31	ND	649
Tetrachloroethene	5	0	ug/L	Factories, dry cleaners, spills	ND	0.83	ND	649
1,1,1-Trichloroethane	5	n/a	ug/L	Metal degreasing sites, factories	ND	2.93	0.27	649
Tetrahydrofuran	50	n/a	ug/L	Solvent for natural and synthetic resins	ND	ND	ND	649
Toluene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	649
Trichloroethene	5	0	ug/L	Metal degreasing sites, factories	ND	1.44	ND	649
Trichlorofluoromethane	5	n/a	ug/L	Dry cleaning, propellant, fire extinguishers	ND	ND	ND	649
1,2,3-Trichloropropane	5	n/a	ug/L	Degreasing agent, manufacturing	ND	ND	ND	649
1,1,2-Trichlorotrifluoroethane	5	n/a	ug/L	Solvent in paints and varnishes	ND	1.46	ND	649
Disinfectant and Disinfection By-Products (**MCL is the sum of the four starred compounds shown below)								
Bromochloroacetic Acid	50	n/a	ug/L	By-product of chlorination	ND	1.0	ND	35
Bromodichloroacetic Acid	50	n/a	ug/L	By-product of chlorination	ND	ND	ND	35
Bromodichloromethane	**80	0	ug/L	By-product of chlorination	ND	2.05	ND	645
Bromoform	**80	0	ug/L	By-product of chlorination	ND	0.86	ND	645
Chlorate	n/a	n/a	mg/L	By-product of chlorination	ND	0.74	0.06	1180
Chlorine residual., free	4	4	mg/L	Used as disinfectant	0.2	1.7	0.9	2477
Chloroform	**80	70	ug/L	By-product of chlorination	ND	3.10	0.45	645
Dibromochloromethane	**80	60	ug/L	By-product of chlorination	ND	1.86	ND	645

Please see page 10 for information on the UCMR3 testing.

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
UCMR3 Test Results For 2013 - Inorganics								
Chromium, total	100	100	ug/L	By-product of chlorination	ND	1.42	0.41	91
Cobalt-59	n/a	n/a	ug/L	By-product of chlorination	ND	ND	ND	91
Molybdenum	n/a	n/a	ug/L	By-product of chlorination	ND	ND	ND	91
Strontium-88	n/a	n/a	mg/l	By-product of chlorination	0.006	0.147	0.054	91
Vanadium	n/a	n/a	ug/L	By-product of chlorination	ND	1.7	0.3	91
UCMR3 Test Results For 2013 - Volatile Organic Compounds								
Carbon Tetrachloride	5	0	ug/L	From industrial chemical factories	ND	ND	ND	51
Chlorodifluoromethane	5	n/a	ug/L	Used as a refrigerant	ND	0.34	ND	51
1,1-Dichloroethane	5	n/a	ug/L	Degreaser, gasoline, manufacturing	ND	0.92	0.14	51
1,2-Dichloroethane	5	n/a	ug/L	From industrial chemical factories	ND	0.05	ND	51
1,2-Dichloropropane	5	0	ug/L	From industrial chemical factories	ND	ND	ND	51
Methylene Chloride	5	0	ug/L	From paint on inside of water storage tank	ND	ND	ND	51
Tetrachloroethene	5	0	ug/L	Factories, dry cleaners, spills	ND	0.36	0.06	51
Trichloroethene	5	0	ug/L	Metal degreasing sites, factories	ND	0.35	0.05	51
1,2,3-Trichloropropane	5	n/a	ug/L	Degreasing agent, manufacturing	ND	0.15	ND	51