

Naturally Occuring Compounds as well as Contaminants					Distribution Area 4 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	30.4	54.2	40.1	8
Aluminum	n/a	n/a	mg/L	Naturally occurring	0.02	0.09	0.06	14
Ammonia, free	n/a	n/a	mg/L	Some fertilizers, septic systems	ND	ND	ND	8
Arsenic	10	0	ug/L	Erosion of natural deposits	ND	ND	ND	14
Barium	2	2	mg/L	Erosion of natural deposits	ND	ND	ND	14
Boron	n/a	n/a	mg/L	Naturally occurring	ND	0.11	ND	43
Bromide	n/a	n/a	mg/L	Naturally occurring	ND	ND	ND	14
Cadmium	5	5	ug/L	Natural deposits, galvanized pipe	ND	ND	ND	14
Calcium	n/a	n/a	mg/L	Naturally occurring, pH control	ND	1.0	0.5	43
CO2, calculated	n/a	n/a	mg/L	Naturally occurring	0.6	19.2	8.9	8
Chloride	250	n/a	mg/L	Naturally occurring, salt water intrusion	2.3	3.2	3.0	14
Chromium, total	100	100	ug/L	Natural deposits	ND	0.61	ND	14
Cobalt-59	n/a	n/a	ug/L	Naturally occurring	ND	ND	ND	14
Color	15	n/a	Color Units	Naturally occurring metals or minerals	ND	7	ND	8
Copper	AL=1.3	1.3	mg/L	Household plumbing	ND	0.03	ND	14
Dissolved Solids, total	n/a	n/a	mg/L	Naturally occurring minerals and metals	59	88	69	11
Fluoride	2.2	n/a	mg/L	Erosion of natural deposits	ND	ND	ND	14
Hardness, total	n/a	n/a	mg/L	Measure of the calcium and magnesium	ND	2.8	ND	43
Hexavalent Chromium	n/a	n/a	ug/L	Erosion of natural deposits	ND	0.67	0.13	12
Iron	300	n/a	ug/L	Naturally occurring	186	495	259	43
Lead	AL=15	0	ug/L	Household plumbing, lead solder	ND	ND	ND	14
Lithium	n/a	n/a	ug/L	Naturally occurring	3.5	4.2	3.8	14
Magnesium	n/a	n/a	mg/L	Naturally occurring	ND	ND	ND	43
Manganese	300	n/a	ug/L	Naturally occurring	ND	ND	ND	43
Molybdenum	n/a	n/a	ug/L	Naturally occurring	ND	ND	ND	14
Nickel	100	n/a	ug/L	Alloys, coatings manufacturing, batteries	ND	ND	ND	14
Nitrate	10	10	mg/L	Natural deposits, fertilizer, septic tanks	ND	ND	ND	14
Perchlorate	15	5	ug/L	Fertilizers, solid fuel propellant, fireworks	ND	ND	ND	8
Phosphate, total	n/a	n/a	mg/L	Added to keep iron in solution	ND	0.36	0.29	43
pH	n/a	n/a	pH Units	Measure of water acidity or alkalinity	6.5	8.2	7.1	8
pH, field	n/a	n/a	pH Units	Measure of water acidity or alkalinity	7.0	8.5	7.4	8
Potassium	n/a	n/a	mg/L	Naturally occurring	1.04	1.44	1.23	43
Silicon	n/a	n/a	mg/L	Naturally occurring	4.0	4.4	4.2	14
Sodium	n/a	n/a	mg/L	Naturally occurring	11.4	39.3	19.8	43
Specific Conductance	n/a	n/a	umho/cm	Total of naturally occurring minerals	90	136	109	8
Strontium-88	n/a	n/a	mg/L	Naturally occurring	ND	ND	ND	14
Sulfate	250	n/a	mg/L	Naturally occurring	7.0	8.1	7.5	14
Surfactants, anionic	0.50	n/a	mg/L	Washwater from septic systems	ND	ND	ND	6
Titanium	n/a	n/a	ug/L	Naturally occurring	ND	ND	ND	43
Total Organic Carbon	n/a	n/a	mg/L	Naturally occurring	0.44	0.78	0.61	2
Turbidity	5	n/a	NTU	Silts and clays in aquifer	ND	ND	ND	8
Vanadium	n/a	n/a	ug/L	Naturally occurring	ND	ND	ND	14
Zinc	5	n/a	mg/L	Naturally occurring, plumbing	ND	0.02	ND	14
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	9
Alachlor	2	n/a	ug/L	Used as an herbicide	ND	ND	ND	8
Alachlor ESA	50	n/a	ug/L	Degradation product of Alachlor	ND	ND	ND	9
Alachlor OA	50	n/a	ug/L	Degradation product of Alachlor	ND	ND	ND	9
Aldicarb Sulfone	2	1	ug/L	Pesticide used on row crops	ND	ND	ND	8
Aldicarb Sulfoxide	4	1	ug/L	Pesticide used on row crops	ND	ND	ND	8
Carbamazepine	50	n/a	ug/L	Anticonvulsant, mood stabilizing drug	ND	ND	ND	10
Dilantin	50	n/a	ug/L	Antiepileptic drug	ND	ND	ND	9
Diethyltoluamide (DEET)	50	n/a	ug/L	Insect repellent	ND	ND	ND	8
1,4-Dioxane	50	n/a	ug/L	Used in manufacturing processes	ND	ND	ND	11
Gemfibrozil	50	n/a	ug/L	Lipid lowering drug	ND	ND	ND	8
Hexazinone	50	n/a	ug/L	Used as an herbicide	ND	ND	ND	8
Ibuprofen	50	n/a	ug/L	Anti-inflammatory drug	ND	ND	ND	8
Imidacloprid	50	n/a	ug/L	Used as a pesticide	ND	ND	ND	9
Meprobamate	50	n/a	ug/L	Antianxiety drug	ND	ND	ND	10
Metalaxyl	50	n/a	ug/L	Used as a fungicide	ND	ND	ND	8
Metolachlor	50	n/a	ug/L	Used as a soil herbicide	ND	ND	ND	8
Metolachlor ESA	50	n/a	ug/L	Degradation product of Metolachlor	ND	ND	ND	9

Naturally Occurring Compounds as well as Contaminants					Distribution Area 4 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	9
Naproxen	50	n/a	ug/L	Anti-inflammatory drug	ND	ND	ND	8
PFHpA	50	n/a	ug/L	Used on products for stain/water resistance	ND	ND	ND	2
PFHxS	50	n/a	ug/L	Used on products for stain/water resistance	ND	ND	ND	2
PFOS	50	n/a	ug/L	Pesticide, alkaline cleaners, floor polish	ND	ND	ND	2
Tetrachloroterephthalic Acid	50	n/a	ug/L	Used as an herbicide	ND	ND	ND	8
Volatile Organic Compounds								
Carbon Tetrachloride	5	0	ug/L	From industrial chemical factories	ND	ND	ND	8
Chlorobenzene	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	8
Chlorodifluoromethane	5	n/a	ug/L	Used as a refrigerant	ND	ND	ND	8
Cis-1,2-Dichloroethene	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	8
Dichlorodifluoromethane	5	n/a	ug/L	Refrigerant, aerosol propellant	ND	ND	ND	8
1,1-Dichloroethane	5	n/a	ug/L	Degreaser, gasoline, manufacturing	ND	ND	ND	8
1,1-Dichloroethene	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	8
1,2-Dichloroethane	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	8
1,2-Dichloropropane	5	0	ug/L	From industrial chemical factories	ND	ND	ND	8
Ethyl Benzene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	8
Methylene Chloride	5	0	ug/L	From paint on inside of water storage tank	ND	ND	ND	8
Methyl-Tert-Butyl Ether	10	n/a	ug/L	Gasoline	ND	ND	ND	8
o-Xylene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	8
p,m_Xylene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	8
Tetrachloroethene	5	0	ug/L	Factories, dry cleaners, spills	ND	ND	ND	8
1,1,1-Trichloroethane	5	n/a	ug/L	Metal degreasing sites, factories	ND	ND	ND	8
Tetrahydrofuran	50	n/a	ug/L	Solvent for natural and synthetic resins	ND	ND	ND	8
Toluene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	8
Trichloroethene	5	0	ug/L	Metal degreasing sites, factories	ND	ND	ND	8
Trichlorofluoromethane	5	n/a	ug/L	Dry cleaning, propellant, fire extinguishers	ND	ND	ND	8
1,2,3-Trichloropropane	5	n/a	ug/L	Degreasing agent, manufacturing	ND	ND	ND	8
1,1,2-Trichlorotrifluoroethane	5	n/a	ug/L	Solvent in paints and varnishes	ND	ND	ND	8
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	NA	NA	NA	0
Bromodichloroacetic Acid	50	n/a	ug/L	By-product of chlorination	NA	NA	NA	0
Bromodichloromethane	**80	0	ug/L	By-product of chlorination	ND	0.62	ND	8
Bromoform	**80	0	ug/L	By-product of chlorination	ND	ND	ND	8
Chlorate	n/a	n/a	mg/L	By-product of chlorination	0.03	0.16	0.07	27
Chlorine residual., free	4	4	mg/L	Used as disinfectant	0.2	1.2	0.8	42
Chloroform	**80	70	ug/L	By-product of chlorination	ND	2.16	0.51	8
Dibromochloromethane	**80	60	ug/L	By-product of chlorination	ND	ND	ND	8

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

UNREGULATED CONTAMINANT MONITORING RULE CYCLE 3 (UCMR3)					Distribution Area 4 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	ND	ND	4
Cobalt-59	n/a	n/a	ug/L	By-product of chlorination	ND	ND	ND	4
Molybdenum	n/a	n/a	ug/L	By-product of chlorination	ND	ND	ND	4
Strontium-88	n/a	n/a	mg/l	By-product of chlorination	0.001	0.001	0.001	4
Vanadium	n/a	n/a	ug/L	By-product of chlorination	ND	ND	ND	4
UCMR3 Test Results For 2013 - Volatile Organic Compounds								
Carbon Tetrachloride	5	0	ug/L	From industrial chemical factories	ND	ND	ND	2
Chlorodifluoromethane	5	n/a	ug/L	Used as a refrigerant	ND	ND	ND	2
1,1-Dichloroethane	5	n/a	ug/L	Degreaser, gasoline, manufacturing	ND	ND	ND	2
1,2-Dichloroethane	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	2
1,2-Dichloropropane	5	0	ug/L	From industrial chemical factories	ND	ND	ND	2
Methylene Chloride	5	0	ug/L	From paint on inside of water storage tank	ND	ND	ND	2
Tetrachloroethene	5	0	ug/L	Factories, dry cleaners, spills	ND	ND	ND	2
Trichloroethene	5	0	ug/L	Metal degreasing sites, factories	ND	ND	ND	2
1,2,3-Trichloropropane	5	n/a	ug/L	Degreasing agent, manufacturing	ND	ND	ND	2