

Naturally Occuring Compounds as well as Contaminants					Distribution Area 54 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	38.0	27.5	25
Aluminum	n/a	n/a	mg/L	Naturally occurring	0.06	0.53	0.28	36
Ammonia, free	n/a	n/a	mg/L	Some fertilizers, septic systems	ND	0.02	ND	22
Arsenic	10	0	ug/L	Erosion of natural deposits	ND	ND	ND	36
Barium	2	2	mg/L	Erosion of natural deposits	ND	ND	ND	36
Boron	n/a	n/a	mg/L	Naturally occurring	ND	0.13	0.10	53
Bromide	n/a	n/a	mg/L	Naturally occurring	ND	ND	ND	28
Cadmium	5	5	ug/L	Natural deposits, galvanized pipe	ND	ND	ND	36
Calcium	n/a	n/a	mg/L	Naturally occurring, pH control	ND	1.2	ND	53
CO2, calculated	n/a	n/a	mg/L	Naturally occurring	1.6	24.6	9.4	25
Chloride	250	n/a	mg/L	Naturally occurring, salt water intrusion	3.5	19.1	4.9	28
Chromium, total	100	100	ug/L	Natural deposits	ND	0.63	ND	36
Cobalt-59	n/a	n/a	ug/L	Naturally occurring	ND	ND	ND	36
Color	15	n/a	Color Units	Naturally occurring metals or minerals	ND	9	ND	25
Copper	AL=1.3	1.3	mg/L	Household plumbing	ND	0.04	ND	36
Dissolved Solids, total	n/a	n/a	mg/L	Naturally occurring minerals and metals	45	78	55	28
Fluoride	2.2	n/a	mg/L	Erosion of natural deposits	ND	0.3	ND	28
Hardness, total	n/a	n/a	mg/L	Measure of the calcium and magnesium	ND	3.2	ND	53
Hexavalent Chromium	n/a	n/a	ug/L	Erosion of natural deposits	ND	0.44	0.07	36
Iron	300	n/a	ug/L	Naturally occurring	32	204	118	53
Lead	AL=15	0	ug/L	Household plumbing, lead solder	ND	1.2	ND	36
Lithium	n/a	n/a	ug/L	Naturally occurring	ND	3.9	3.0	36
Magnesium	n/a	n/a	mg/L	Naturally occurring	ND	ND	ND	53
Manganese	300	n/a	ug/L	Naturally occurring	ND	ND	ND	53
Molybdenum	n/a	n/a	ug/L	Naturally occurring	ND	ND	ND	36
Nickel	100	n/a	ug/L	Alloys, coatings manufacturing, batteries	ND	3.2	ND	36
Nitrate	10	10	mg/L	Natural deposits, fertilizer, septic tanks	ND	ND	ND	28
Perchlorate	15	5	ug/L	Fertilizers, solid fuel propellant, fireworks	ND	ND	ND	20
Phosphate, total	n/a	n/a	mg/L	Added to keep iron in solution	ND	0.58	0.34	53
pH	n/a	n/a	pH Units	Measure of water acidity or alkalinity	6.2	7.7	6.9	25
pH, field	n/a	n/a	pH Units	Measure of water acidity or alkalinity	6.5	8.2	7.3	22
Potassium	n/a	n/a	mg/L	Naturally occurring	0.64	1.63	1.15	53
Silicon	n/a	n/a	mg/L	Naturally occurring	4.2	5.0	4.6	36
Sodium	n/a	n/a	mg/L	Naturally occurring	11.4	28.3	15.9	53
Specific Conductance	n/a	n/a	umho/cm	Total of naturally occurring minerals	64	116	81	25
Strontium-88	n/a	n/a	mg/L	Naturally occurring	ND	ND	ND	36
Sulfate	250	n/a	mg/L	Naturally occurring	3.1	4.1	3.5	28
Surfactants, anionic	0.50	n/a	mg/L	Washwater from septic systems	ND	ND	ND	13
Titanium	n/a	n/a	ug/L	Naturally occurring	ND	37.5	11.8	53
Total Organic Carbon	n/a	n/a	mg/L	Naturally occurring	0.65	1.12	0.94	8
Turbidity	5	n/a	NTU	Silts and clays in aquifer	0.4	2.9	1.2	25
Vanadium	n/a	n/a	ug/L	Naturally occurring	ND	ND	ND	36
Zinc	5	n/a	mg/L	Naturally occurring, plumbing	ND	0.02	ND	36
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	20
Alachlor	2	n/a	ug/L	Used as an herbicide	ND	ND	ND	21
Alachlor ESA	50	n/a	ug/L	Degradation product of Alachlor	ND	ND	ND	20
Alachlor OA	50	n/a	ug/L	Degradation product of Alachlor	ND	ND	ND	20
Aldicarb Sulfone	2	1	ug/L	Pesticide used on row crops	ND	ND	ND	20
Aldicarb Sulfoxide	4	1	ug/L	Pesticide used on row crops	ND	ND	ND	20
Carbamazepine	50	n/a	ug/L	Anticonvulsant, mood stabilizing drug	ND	ND	ND	19
Dilantin	50	n/a	ug/L	Antiepileptic drug	ND	ND	ND	21
Diethyltoluamide (DEET)	50	n/a	ug/L	Insect repellent	ND	ND	ND	22
1,4-Dioxane	50	n/a	ug/L	Used in manufacturing processes	ND	ND	ND	26
Gemfibrozil	50	n/a	ug/L	Lipid lowering drug	ND	ND	ND	20
Hexazinone	50	n/a	ug/L	Used as an herbicide	ND	ND	ND	22
Ibuprofen	50	n/a	ug/L	Anti-inflammatory drug	ND	ND	ND	20
Imidacloprid	50	n/a	ug/L	Used as a pesticide	ND	ND	ND	21
Meprobamate	50	n/a	ug/L	Antianxiety drug	ND	ND	ND	19
Metalaxyl	50	n/a	ug/L	Used as a fungicide	ND	ND	ND	21
Metolachlor	50	n/a	ug/L	Used as a soil herbicide	ND	ND	ND	21
Metolachlor ESA	50	n/a	ug/L	Degradation product of Metolachlor	ND	ND	ND	20

Naturally Occurring Compounds as well as Contaminants					Distribution Area 54 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	20
Naproxen	50	n/a	ug/L	Anti-inflammatory drug	ND	ND	ND	20
PFHpA	50	n/a	ug/L	Used on products for stain/water resistance	ND	ND	ND	6
PFHxS	50	n/a	ug/L	Used on products for stain/water resistance	ND	ND	ND	6
PFOS	50	n/a	ug/L	Pesticide, alkaline cleaners, floor polish	ND	ND	ND	6
Tetrachloroterephthalic Acid	50	n/a	ug/L	Used as an herbicide	ND	ND	ND	20
Volatile Organic Compounds								
Carbon Tetrachloride	5	0	ug/L	From industrial chemical factories	ND	ND	ND	24
Chlorobenzene	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	24
Chlorodifluoromethane	5	n/a	ug/L	Used as a refrigerant	ND	ND	ND	24
Cis-1,2-Dichloroethene	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	24
Dichlorodifluoromethane	5	n/a	ug/L	Refrigerant, aerosol propellant	ND	ND	ND	24
1,1-Dichloroethane	5	n/a	ug/L	Degreaser, gasoline, manufacturing	ND	ND	ND	24
1,1-Dichloroethene	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	24
1,2-Dichloroethane	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	24
1,2-Dichloropropane	5	0	ug/L	From industrial chemical factories	ND	ND	ND	24
Ethyl Benzene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	24
Methylene Chloride	5	0	ug/L	From paint on inside of water storage tank	ND	ND	ND	24
Methyl-Tert-Butyl Ether	10	n/a	ug/L	Gasoline	ND	ND	ND	24
o-Xylene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	24
p,m_Xylene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	24
Tetrachloroethene	5	0	ug/L	Factories, dry cleaners, spills	ND	ND	ND	24
1,1,1-Trichloroethane	5	n/a	ug/L	Metal degreasing sites, factories	ND	ND	ND	24
Tetrahydrofuran	50	n/a	ug/L	Solvent for natural and synthetic resins	ND	ND	ND	24
Toluene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	24
Trichloroethene	5	0	ug/L	Metal degreasing sites, factories	ND	ND	ND	24
Trichlorofluoromethane	5	n/a	ug/L	Dry cleaning, propellant, fire extinguishers	ND	ND	ND	24
1,2,3-Trichloropropane	5	n/a	ug/L	Degreasing agent, manufacturing	ND	ND	ND	24
1,1,2-Trichlorotrifluoroethane	5	n/a	ug/L	Solvent in paints and varnishes	ND	ND	ND	24
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	ND	ND	4
Bromodichloroacetic Acid	50	n/a	ug/L	By-product of chlorination	ND	ND	ND	4
Bromodichloromethane	**80	0	ug/L	By-product of chlorination	ND	1.50	0.44	20
Bromoform	**80	0	ug/L	By-product of chlorination	ND	ND	ND	20
Chlorate	n/a	n/a	mg/L	By-product of chlorination	ND	0.73	0.08	86
Chlorine residual., free	4	4	mg/L	Used as disinfectant	0.2	1.8	0.9	94
Chloroform	**80	70	ug/L	By-product of chlorination	ND	8.37	2.19	20
Dibromochloromethane	**80	60	ug/L	By-product of chlorination	ND	0.37	ND	20

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

UNREGULATED CONTAMINANT MONITORING RULE CYCLE 3 (UCMR3)					Distribution Area 54 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	0.38	0.20	12
Cobalt-59	n/a	n/a	ug/L	By-product of chlorination	ND	ND	ND	12
Molybdenum	n/a	n/a	ug/L	By-product of chlorination	ND	ND	ND	12
Strontium-88	n/a	n/a	mg/l	By-product of chlorination	ND	0.005	0.001	12
Vanadium	n/a	n/a	ug/L	By-product of chlorination	ND	0.6	0.3	12
UCMR3 Test Results For 2013 - Volatile Organic Compounds								
Carbon Tetrachloride	5	0	ug/L	From industrial chemical factories	ND	ND	ND	6
Chlorodifluoromethane	5	n/a	ug/L	Used as a refrigerant	ND	ND	ND	6
1,1-Dichloroethane	5	n/a	ug/L	Degreaser, gasoline, manufacturing	ND	ND	ND	6
1,2-Dichloroethane	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	6
1,2-Dichloropropane	5	0	ug/L	From industrial chemical factories	ND	ND	ND	6
Methylene Chloride	5	0	ug/L	From paint on inside of water storage tank	ND	ND	ND	6
Tetrachloroethene	5	0	ug/L	Factories, dry cleaners, spills	ND	ND	ND	6
Trichloroethene	5	0	ug/L	Metal degreasing sites, factories	ND	ND	ND	6
1,2,3-Trichloropropane	5	n/a	ug/L	Degreasing agent, manufacturing	ND	ND	ND	6