

Naturally Occuring Compounds as well as Contaminants					Distribution Area 9 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	30.2	73.0	48.1	18
Aluminum	n/a	n/a	mg/L	Naturally occurring	ND	0.06	0.03	31
Ammonia, free	n/a	n/a	mg/L	Some fertilizers, septic systems	ND	ND	ND	18
Arsenic	10	0	ug/L	Erosion of natural deposits	ND	ND	ND	31
Barium	2	2	mg/L	Erosion of natural deposits	ND	0.03	ND	31
Boron	n/a	n/a	mg/L	Naturally occurring	ND	ND	ND	23
Bromide	n/a	n/a	mg/L	Naturally occurring	ND	ND	ND	79
Cadmium	5	5	ug/L	Natural deposits, galvanized pipe	ND	ND	ND	31
Calcium	n/a	n/a	mg/L	Naturally occurring, pH control	15.6	35.2	21.6	23
CO2, calculated	n/a	n/a	mg/L	Naturally occurring	2.6	24.3	12.4	18
Chloride	250	n/a	mg/L	Naturally occurring, salt water intrusion	11.9	33.7	18.7	79
Chromium, total	100	100	ug/L	Natural deposits	ND	6.13	1.14	31
Cobalt-59	n/a	n/a	ug/L	Naturally occurring	ND	ND	ND	31
Color	15	n/a	Color Units	Naturally occurring metals or minerals	ND	ND	ND	18
Copper	AL=1.3	1.3	mg/L	Household plumbing	ND	0.11	0.02	31
Dissolved Solids, total	n/a	n/a	mg/L	Naturally occurring minerals and metals	102	208	146	23
Fluoride	2.2	n/a	mg/L	Erosion of natural deposits	ND	ND	ND	79
Hardness, total	n/a	n/a	mg/L	Measure of the calcium and magnesium	50.0	125.5	77.2	23
Hexavalent Chromium	n/a	n/a	ug/L	Erosion of natural deposits	ND	6.06	1.44	32
Iron	300	n/a	ug/L	Naturally occurring	ND	55	ND	23
Lead	AL=15	0	ug/L	Household plumbing, lead solder	ND	2.3	ND	31
Lithium	n/a	n/a	ug/L	Naturally occurring	ND	2.6	ND	31
Magnesium	n/a	n/a	mg/L	Naturally occurring	2.34	9.15	5.67	23
Manganese	300	n/a	ug/L	Naturally occurring	ND	ND	ND	23
Molybdenum	n/a	n/a	ug/L	Naturally occurring	ND	ND	ND	31
Nickel	100	n/a	ug/L	Alloys, coatings manufacturing, batteries	ND	1.8	1.1	31
Nitrate	10	10	mg/L	Natural deposits, fertilizer, septic tanks	0.65	7.96	5.82	79
Perchlorate	15	5	ug/L	Fertilizers, solid fuel propellant, fireworks	ND	2.36	1.16	57
Phosphate, total	n/a	n/a	mg/L	Added to keep iron in solution	ND	ND	ND	23
pH	n/a	n/a	pH Units	Measure of water acidity or alkalinity	6.5	7.4	7.0	18
pH, field	n/a	n/a	pH Units	Measure of water acidity or alkalinity	7.0	7.8	7.1	18
Potassium	n/a	n/a	mg/L	Naturally occurring	0.71	1.87	1.11	23
Silicon	n/a	n/a	mg/L	Naturally occurring	4.1	9.2	6.7	31
Sodium	n/a	n/a	mg/L	Naturally occurring	9.6	19.8	12.9	23
Specific Conductance	n/a	n/a	umho/cm	Total of naturally occurring minerals	171	332	251	18
Strontium-88	n/a	n/a	mg/L	Naturally occurring	0.051	0.122	0.086	31
Sulfate	250	n/a	mg/L	Naturally occurring	ND	29.9	15.5	79
Surfactants, anionic	0.50	n/a	mg/L	Washwater from septic systems	ND	ND	ND	14
Titanium	n/a	n/a	ug/L	Naturally occurring	ND	ND	ND	23
Total Organic Carbon	n/a	n/a	mg/L	Naturally occurring	ND	0.89	0.51	4
Turbidity	5	n/a	NTU	Silts and clays in aquifer	ND	0.5	ND	18
Vanadium	n/a	n/a	ug/L	Naturally occurring	ND	1.2	ND	31
Zinc	5	n/a	mg/L	Naturally occurring, plumbing	ND	ND	ND	31
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	18
Alachlor	2	n/a	ug/L	Used as an herbicide	ND	ND	ND	18
Alachlor ESA	50	n/a	ug/L	Degradation product of Alachlor	ND	ND	ND	18
Alachlor OA	50	n/a	ug/L	Degradation product of Alachlor	ND	ND	ND	18
Aldicarb Sulfone	2	1	ug/L	Pesticide used on row crops	ND	ND	ND	18
Aldicarb Sulfoxide	4	1	ug/L	Pesticide used on row crops	ND	ND	ND	18
Carbamazepine	50	n/a	ug/L	Anticonvulsant, mood stabilizing drug	ND	ND	ND	18
Dilantin	50	n/a	ug/L	Antiepileptic drug	ND	ND	ND	19
Diethyltoluamide (DEET)	50	n/a	ug/L	Insect repellent	ND	ND	ND	18
1,4-Dioxane	50	n/a	ug/L	Used in manufacturing processes	ND	1.42	0.97	41
Gemfibrozil	50	n/a	ug/L	Lipid lowering drug	ND	ND	ND	19
Hexazinone	50	n/a	ug/L	Used as an herbicide	ND	ND	ND	18
Ibuprofen	50	n/a	ug/L	Anti-inflammatory drug	ND	ND	ND	19
Imidacloprid	50	n/a	ug/L	Used as a pesticide	ND	ND	ND	19
Meprobamate	50	n/a	ug/L	Antianxiety drug	ND	ND	ND	18
Metalaxyl	50	n/a	ug/L	Used as a fungicide	ND	ND	ND	18
Metolachlor	50	n/a	ug/L	Used as a soil herbicide	ND	ND	ND	18
Metolachlor ESA	50	n/a	ug/L	Degradation product of Metolachlor	ND	ND	ND	18

Naturally Occurring Compounds as well as Contaminants					Distribution Area 9 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	18
Naproxen	50	n/a	ug/L	Anti-inflammatory drug	ND	ND	ND	19
PFHpA	50	n/a	ug/L	Used on products for stain/water resistance	ND	ND	ND	10
PFHxS	50	n/a	ug/L	Used on products for stain/water resistance	ND	ND	ND	10
PFOS	50	n/a	ug/L	Pesticide, alkaline cleaners, floor polish	ND	ND	ND	10
Tetrachloroterephthalic Acid	50	n/a	ug/L	Used as an herbicide	ND	ND	ND	24
Volatile Organic Compounds								
Carbon Tetrachloride	5	0	ug/L	From industrial chemical factories	ND	ND	ND	101
Chlorobenzene	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	101
Chlorodifluoromethane	5	n/a	ug/L	Used as a refrigerant	ND	ND	ND	101
Cis-1,2-Dichloroethene	5	n/a	ug/L	From industrial chemical factories	ND	0.33	ND	101
Dichlorodifluoromethane	5	n/a	ug/L	Refrigerant, aerosol propellant	ND	ND	ND	101
1,1-Dichloroethane	5	n/a	ug/L	Degreaser, gasoline, manufacturing	ND	2.47	0.94	101
1,1-Dichloroethene	5	n/a	ug/L	From industrial chemical factories	ND	0.75	ND	101
1,2-Dichloroethane	5	n/a	ug/L	From industrial chemical factories	ND	ND	ND	101
1,2-Dichloropropane	5	0	ug/L	From industrial chemical factories	ND	0.29	ND	101
Ethyl Benzene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	101
Methylene Chloride	5	0	ug/L	From paint on inside of water storage tank	ND	ND	ND	101
Methyl-Tert-Butyl Ether	10	n/a	ug/L	Gasoline	ND	0.43	ND	101
o-Xylene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	101
p,m_Xylene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	101
Tetrachloroethene	5	0	ug/L	Factories, dry cleaners, spills	ND	0.51	ND	101
1,1,1-Trichloroethane	5	n/a	ug/L	Metal degreasing sites, factories	ND	2.10	0.51	101
Tetrahydrofuran	50	n/a	ug/L	Solvent for natural and synthetic resins	ND	ND	ND	101
Toluene	5	n/a	ug/L	From paint on inside of water storage tank	ND	ND	ND	101
Trichloroethene	5	0	ug/L	Metal degreasing sites, factories	ND	3.64	0.67	101
Trichlorofluoromethane	5	n/a	ug/L	Dry cleaning, propellant, fire extinguishers	ND	ND	ND	101
1,2,3-Trichloropropane	5	n/a	ug/L	Degreasing agent, manufacturing	ND	ND	ND	101
1,1,2-Trichlorotrifluoroethane	5	n/a	ug/L	Solvent in paints and varnishes	ND	ND	ND	101
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	2
Bromodichloroacetic Acid	50	n/a	ug/L	By-product of chlorination	ND	ND	ND	2
Bromodichloromethane	**80	0	ug/L	By-product of chlorination	ND	0.49	ND	101
Bromoform	**80	0	ug/L	By-product of chlorination	ND	0.61	ND	101
Chlorate	n/a	n/a	mg/L	By-product of chlorination	ND	0.11	0.05	114
Chlorine residual., free	4	4	mg/L	Used as disinfectant	0.3	1.4	0.9	271
Chloroform	**80	70	ug/L	By-product of chlorination	ND	1.11	0.33	101
Dibromochloromethane	**80	60	ug/L	By-product of chlorination	ND	0.48	ND	101

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

UNREGULATED CONTAMINANT MONITORING RULE CYCLE 3 (UCMR3)					Distribution Area 9 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	5.56	1.55	14
Cobalt-59	n/a	n/a	ug/L	By-product of chlorination	ND	ND	ND	14
Molybdenum	n/a	n/a	ug/L	By-product of chlorination	ND	ND	ND	14
Strontium-88	n/a	n/a	mg/l	By-product of chlorination	0.042	0.097	0.075	14
Vanadium	n/a	n/a	ug/L	By-product of chlorination	ND	0.8	0.2	14
UCMR3 Test Results For 2013 - Volatile Organic Compounds								
Carbon Tetrachloride	5	0	ug/L	From industrial chemical factories	ND	ND	ND	10
Chlorodifluoromethane	5	n/a	ug/L	Used as a refrigerant	ND	ND	ND	10
1,1-Dichloroethane	5	n/a	ug/L	Degreaser, gasoline, manufacturing	ND	2.70	1.34	10
1,2-Dichloroethane	5	n/a	ug/L	From industrial chemical factories	ND	0.09	ND	10
1,2-Dichloropropane	5	0	ug/L	From industrial chemical factories	ND	0.05	ND	10
Methylene Chloride	5	0	ug/L	From paint on inside of water storage tank	ND	ND	ND	10
Tetrachloroethene	5	0	ug/L	Factories, dry cleaners, spills	ND	0.31	0.08	10
Trichloroethene	5	0	ug/L	Metal degreasing sites, factories	ND	1.53	0.32	10
1,2,3-Trichloropropane	5	n/a	ug/L	Degreasing agent, manufacturing	ND	ND	ND	10