

ADDITIONAL WATER QUALITY INFORMATION (2013)...

The accompanying table lists additional regulated (secondary) and non-regulated parameters that were detected in the finished water during 2013.

No adverse health effects are generally associated with the secondary drinking water contaminants. At considerably higher concentrations than the Maximum Contaminant Levels (MCLs), health implications may exist as well as aesthetic degradation. Note that all values, average and maximum, are below the MCLs.

Additional Parameters	MCL	Average Value	Range
Aluminum (ug/L)	200	16.5	ND-66
Chloride (mg/L)	250	18	15 – 23
Color (CU)	15	5	ND-10
Manganese (ug/L)	50	11.6	3.6 – 22.0
Metolachlor (ug/L)	NR	0.08	ND – 0.2
pH (units)	6.5 – 8.5	7.6	7.2 – 7.8
Silver (ug/L)	100	1.2	ND – 4.5
Sulfate (mg/L)	250	91	79 - 120
Total alkalinity (mg/L as CaCO ₃)	NR	33.2	24.1 – 45.6
Total dissolved solids (mg/L)	500	193	130 - 270
Total hardness (mg/L as CaCO ₃)	NR	124.2*	104.3 – 167.8
Zinc (ug/L)	5000	148	110 - 170

* To calculate hardness in grains per gallon, divide by 17.1

TABLE KEY & DEFINITIONS

CU: Color Units

ND: not detected

NR: not regulated

MCL: Maximum Contaminant Level

ug/L: micrograms per liter or parts per billion

mg/L: milligrams per liter or parts per million

Other contaminants that were tested for but not detected include: nitrite, cadmium, lead, mercury, antimony, thallium, iron, odor, foaming agents, gross alpha, combined uranium, 1,2,4-trichlorobenzene, cis-1,2-dichloroethylene, xylenes, dichloromethane, o-dichlorobenzene, para-dichlorobenzene, vinyl chloride, 1,1-dichloroethylene, trans-1,2-dichloroethylene, 1,2-dichloroethane, 1,1,1-trichloroethane, carbon tetrachloride, 1,2-dichloropropane, trichloroethylene, 1,1,2-trichloroethane, tetrachloroethylene, monochlorobenzene, benzene, toluene, ethylbenzene, styrene, endrin, lindane, methoxychlor, toxaphene, diquat, endothall, glyphosate, di(2-ethylhexyl)adipate, oxamyl, simazine, di(2-ethylhexyl)phthalate, picloram, dinoseb, hexachlorocyclopentadiene, carbofuran, alachlor, heptachlor, heptachlor epoxide, 2,4-D, 2,4,5-TP (silvex), hexachlorobenzene, benzo(a)pyrene, pentachlorophenol, PCBs, dibromochloropropane, ethylene dibromide (EDB), chlordane, dicamba, 1,1,1,2-tetrachloroethane, 1,1,2,2-tetrachloroethane, 1,1-dichloroethane, 1,1-dichloropropene, 1,2,3-trichloropropane, 1,3-dichlorobenzene, 1,3-dichloropropane, 1,3-dichloropropene, 2,2-dichloropropane, 2-chlorotoluene, 4-chlorotoluene, bromobenzene, bromomethane, chloroethane, chloromethane, dibromomethane, dichlorodifluoromethane, methyl-t-butyl-ether, trichlorofluoromethane, aldrin, butachlor, dieldrin, metribuzin, propachlor, 3-hydroxycarbofuran, aldicarb, aldicarb sulfone, aldicarb sulfoxide, carbaryl, methomyl, 2,4,6-trichlorophenol, 2,4-dinitrotoluene, 2-chlorophenol, 4,6-dinitro-2-methylphenol, butyl benzyl phthalate, diethyl phthalate, dimethylphthalate, di-n-butylphthalate, di-n-octylphthalate, isophorone, phenol, 1,2,3-trichloropropane, bromomethane, chloromethane, bromochloromethane, chlorodifluoromethane, 1,3-butadiene, 1,1-dichloroethane, 1,4-dioxane, perfluorooctanesulfonic acid, perfluorooctanoic acid, perfluorobutanesulfonic acid, perfluorohexanesulfonic acid, perfluoroheptanoic acid, perfluorononanoic acid, 17-*B*-estradiol, estriol, estrone, 4-androstene-3,17-dione, 17-*a*-ethynylestradiol, equilin, testosterone