



2016 Spring Water Analysis

GROUP I PHYSICAL

	Reporting Limit	Result	SOQ
Apparent Color	3.0	ND ACU	15
Odor at 60C (TON)	1.0	2.0 TON	3
pH	0.10	8.0	no std
Specific Conductance	2.0	130	no std
Total Dissolved Solids(TDS)	10	80	500
Turbidity	0.050	0.16 NTU	5

GROUP II CHEMICAL SUBSTANCE 1

	Reporting Limit	Result	SOQ
Alkalinity in CaCO3 units	2.0	54	no std
Aluminum Total ICAP/MS	0.020	ND	0.2
Antimony Total ICAP/MS	0.0010	ND	0.006
Arsenic Total ICAP/MS	0.0010	ND	0.010
Asbestos by TEM - >10 microns	0.20	ND	no std
Barium total ICAP/MS	0.0020	0.0022	2
Beryllium Total ICAP/MS	0.0010	ND	0.004
Bicarb Alkalinity as HCO3	2.0	66	no std
Cadmium Total ICAP/MS	0.00050	ND	0.005
Chloride	1.0	ND	250
Chromium Total ICAP/MS	0.0010	ND	0.1
Copper Total ICAP/MS	0.0020	ND	1.0
Corrosivity	-14	-0.36	no std
Cyanide	0.025	ND	0.2
Fluoride	0.050	0.19	1.4

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GROUP II CHEMICAL SUBSTANCE 1 (Continued)

	Reporting Limit	Result	SOQ
Iron Total ICAP	0.020	ND	0.3
Lead Total ICAP/MS	0.00050	ND	0.005
Magnesium Total ICAP	0.10	4.1	no std
Manganese Total ICAP/MS	0.0020	0.0054	0.05
Mercury	0.00020	ND	0.002
Nickel Total ICAP/MS	0.0050	ND	0.1
Nitrate-N	0.10	ND	10
Nitrite-N	0.050	ND	1
Perchlorate	0.0020	ND	no std
Phenol	0.0010	ND	0.001
Selenium Total ICAP/MS	0.0050	ND	0.05
Silver Total ICAP/MS	0.00050	ND	0.1
Sodium Total ICAP	1.0	3.4	no std
Sulfate	0.50	9.3	250
Surfactants	0.10	ND	no std
Thallium Total ICAP/MS	0.0010	ND	0.002
Total Hardness as CaCO ₃	3.0	59	no std
Total Nitrate + Nitrite	0.10	ND	10
Zinc Total ICAP/MS	0.020	ND	5.0

GROUP III Chemical Substance 2 (VOC)

	Reporting Limit	Result	SOQ
1,1,1,2-Tetrachloroethane	0.00050	ND	no std
1,1,1-Trichloroethane	0.00050	ND	0.20
1,1,2,2-Tetrachloroethane	0.00050	ND	no std
1,1,2-Trichloroethane	0.00050	ND	0.005
1,1-Dichloroethane	0.00050	ND	no std
1,1-Dichloroethene	0.00050	ND	0.007
1,1-Dichloropropene	0.00050	ND	no std
1,2,3-Trichlorobenzene	0.00050	ND	no std
1,2,3-Trichloropropane	0.00050	ND	no std
1,2,4-Trichlorobenzene	0.00050	ND	0.07
1,2,4-Trimethylbenzene	0.00050	ND	no std
1,2-Dichloroethane	0.00050	ND	0.005
1,2-Dichloropropane	0.00050	ND	0.005
1,3,5-Trimethylbenzene	0.00050	ND	no std
1,3-Dichloropropane	0.00050	ND	no std
2,2-Dichloropropane	0.00050	ND	no std
Benzene	0.00050	ND	0.005
Bromobenzene	0.00050	ND	no std
Bromochloromethane	0.00050	ND	no std
Bromodichloromethane	0.00050	ND	no std
Bromoform	0.00050	ND	no std

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GROUP III Chemical Substance 2 (VOC) (Continued)

	Reporting Limit	Result	SOQ
Bromomethane	0.00050	ND	no std
Carbon Tetrachloride	0.00050	ND	0.005
Chlorobenzene	0.00050	ND	0.1
Chlorodibromomethane	0.00050	ND	no std
Chloroethane	0.00050	ND	no std
Chloroform (Trichloromethane)	0.00050	ND	no std
Chloromethane	0.00050	ND	no std
cis-1,2-Dichloroethylene	0.00050	ND	0.07
cis-1,3-Dichloropropene	0.00050	ND	no std
Dibromomethane	0.00050	ND	no std
Dichlorodifluoromethane	0.00050	ND	no std
Dichloromethane	0.00050	ND	0.005
Ethyl benzene	0.00050	ND	0.7
Fluorotrichloromethane-Freon 11	0.00050	ND	no std
Hexachlorobutadiene	0.00050	ND	no std
Isopropylbenzene	0.00050	ND	no std
m,p-Xylenes	0.00050	ND	no std
m-Dichlorobenzene (1,3-DCB)	0.00050	ND	no std
MTBE	0.00050	ND	no std
n-Butylbenzene	0.00050	ND	no std
n-Propylbenzene	0.00050	ND	no std
o-Chlorotoluene	0.00050	ND	no std
o-Dichlorobenzene (1,2-DCB)	0.00050	ND	0.6
o-Xylene	0.00050	ND	no std
p-Chlorotoluene	0.00050	ND	no std
p-Dichlorobenzene (1,4-DCB)	0.00050	ND	0.075
p-Isopropyltoluene	0.00050	ND	no std
sec-Butylbenzene	0.00050	ND	no std
Styrene	0.00050	ND	0.1
tert-Butylbenzene	0.00050	ND	no std
Tetrachloroethylene (PCE)	0.00050	ND	0.005
Toluene	0.00050	ND	1
Total 1,3-Dichloropropene	0.00050	ND	0.0005
Total THM	0.00050	ND	0.080
Total xylenes	0.00050	ND	10
trans-1,2-Dichloroethylene	0.00050	ND	0.1
trans-1,3-Dichloropropene	0.00050	ND	no std
Trichloroethylene (TCE)	0.00050	ND	0.005
Trichlorotrifluoroethane (Freon)	0.00050	ND	no std
Vinyl chloride (VC)	0.00030	ND	0.002

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GROUP IV Chemical Substance 3 (NON VOC)

	Reporting Limit	Result	SOQ
2,3,7,8-TCDD, ug/L	0.0000000050	ND	0.000030
2,4,5-TP (Silvex)	0.00020	ND	0.05
2,4-D	0.00010	ND	0.07
3-Hydroxycarbofuran	0.00050	ND	no std
Alachlor(Alanex)	0.00010	ND	0.002
Aldicarb (Temik)	0.00050	ND	no std
Aldicarb sulfone	0.00050	ND	no std
Aldicarb sulfoxide	0.00050	ND	no std
Aldrin	0.000010	ND	no std
Altrazine	0.000050	ND	0.003
Baygon	0.00050	ND	no std
Bentazon	0.00050	ND	0.018
Benzo(a)pyrene	0.000020	ND	0.0002
Butachlor	0.000050	ND	no std
Carbaryl	0.00050	ND	no std
Carbofuran	0.00050	ND	40
Chlrodane	0.00010	ND	0.002
Dalapon	0.0010	ND	0.2
Di-(2-Ethylhexyl)adipate	0.00060	ND	0.4
Di-(2-Ethylhexyl)phthalate	0.00060	ND	0.004
Dibromochloropropane (DBCP)	0.000010	ND	0.0002
Dicamba	0.00010	ND	no std
Diedrin	0.000010	ND	no std
Dinoseb	0.00020	ND	0.007
Diquat	0.00040	ND	0.02
Endothall	0.0050	ND	0.1
Endrin	0.000010	ND	0.002
Ethylene Dibromide (EDB)	0.000010	ND	0.00005
Glyphosate	0.0060	ND	0.7
Heptachlor	0.000010	ND	0.0004
Heptachlor Epoxide	0.000010	ND	0.0002
Hexachlorobenzene	0.000050	ND	0.001
Hexachlorocyclopentadiene	0.000050	ND	0.05
Lindane (gamma-BHC)	0.000010	ND	0.0002
Methiocarb	0.00050	ND	no std
Methomyl	0.00050	ND	no std
Methoxychlor	0.000050	ND	0.04
Metolachlor	0.000050	ND	no std
Metribuzin	0.000050	ND	no std
Oxamyl (Vydate)	0.00050	ND	0.2
Paraquat	0.0020	ND	no std
Pentachlorophenol	0.000040	ND	0.0001
Picloram	0.00010	ND	0.5

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GROUP IV Chemical Substance 3 (NON VOC)

	Reporting Limit	Result	SOQ
Propachlor	0.000050	ND	no std
Simazine	0.000050	ND	0.004
Thiobencarb	0.00020	ND	no std
Total PCBs	0.00010	ND	0.5
Toxaphene	0.00050	ND	0.003

Group V Radioactivity

	Reporting Limit	Result	SOQ
Alpha, Gross	3.0	ND	15
Beta, Gross	3.0	ND	50
Radium 226	1.0	ND	3
Radium 228	1.0	ND	5
Uranium ICAP/MS (mg/L)	0.0010	ND	0.03

Group VI Bacteriological

	Reporting Limit	Result	SOQ
E. Coli Bacterial	1.0	<1	1.1
Total Coliform Bacteria	1.0	<1	2.2

Group VII Disinfection Byproducts

	Reporting Limit	Result	SOQ
Bromate by UV/VIS	0.0010	ND	0.01
Bromide	0.0050	0.0080	no std
Chlorite	0.010	ND	1
D/DBP Haloacetic Acids (HAA5)	0.0020	ND	0.06

Group VIII Residual Disinfectants

	Reporting Limit	Result	SOQ
Chloramines	0.10	ND	4
Chlorine Dioxide	0.24	ND	0.8
Total Chlorine Residual	0.10	ND	4

SOQ – Standard of Quality per FDA or New York

ND – Not detected at the specific limit

All results reported in milligrams per liter unless otherwise noted

