

Analytical Results - Finished Water  
2018

BDD Finished Drinking Water			February 2, 2018		March 26, 2018		June 25, 2018		July 10, 2018		November 30, 2018		
Sampling Agency			BDD		BDD		BDD		NMED		NMED		
Parameter	MCL	Units	Result	RDL	Result	RDL	Result	RDL	Result	MRL	Result	Uncertainty	MRL
<b>Primary Contaminants</b>													
<b><u>Miroorganisms</u></b>													
Total Coliforms	5.0 %	present/absent											
E. Coli		present/absent											
<b><u>Disinfection Byproducts</u></b>													
Bromate	0.01	mg/L											
Chlorite	1	mg/L											
<b><u>Haloacetic Acids</u></b>													
Dichloroacetic Acid		mg/L											
Trichloroacetic Acid		mg/L											
Monochloroacetic Acid		mg/L											
Dibromoacetic Acid		mg/L											
Monobromoacetic Acid		mg/L											
Total Haloacetic Acids	0.06	mg/L											
<b><u>Trihalomethanes</u></b>													
Chloroform		mg/L											
Bromoform		mg/L											
Bromodichloromethane		mg/L											
Dibromochloromethane		mg/L											
Total Trihalomethanes	0.08	mg/L											
<b><u>Disinfectants</u></b>													
Chlorine	4	mg/L											
Chloramine	4	mg/L											
Chlorine Dioxide	0.8	mg/L											
<b><u>Inorganic Chemicals</u></b>													
Antimony	0.006	mg/L							<	0.0010	0.0010		
Arsenic	0.01	mg/L							<	0.0010	0.0010		
Barium	2	mg/L								0.0510	0.0020		
Beryllium	0.004	mg/L							<	0.0010	0.0010		
Cadmium	0.005	mg/L							<	0.0005	0.0005		
Chromium	0.1	mg/L							<	0.0060	0.0060		
Copper	(A.L.) 1.3	mg/L											
Lead	(A.L.) 0.015	mg/L											
Mercury	0.002	mg/L							<	0.0002	0.0002		
Selenium	0.05	mg/L							<	0.0010	0.0010		
Thallium	0.002	mg/L							<	0.0005	0.0005		
Abestos	7	MFL											
Cyanide	0.2	mg/L							<	0.0100	0.0100		
Fluoride	4	mg/L								0.3700	0.1000		
Nitrate (as N)	10	mg/L											
Nitrite (as N)	1	mg/L											

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Nitrate-Nitrite (as N)		mg/L							< 0.5000	0.5000			
<b>Organic Chemicals</b>													
1,1,1-Trichloroethane	0.2	mg/L							< 0.0005	0.0005			
1,1,2-Trichloroethane	0.005	mg/L							< 0.0005	0.0005			
1,1-Dichloroethylene	0.007	mg/L							< 0.0005	0.0005			
1,2,4-Trichlorobenzene	0.07	mg/L							< 0.0005	0.0005			
1,2-Dibromo-3-chloropropane	0.0002	mg/L									< 0.0000190		0.0000190
1,2-Dichlorobenzene	0.6	mg/L							< 0.0005	0.0005			
1,2-Dichloroethane	0.005	mg/L							< 0.0005	0.0005			
1,2-Dichloropropane	0.005	mg/L							< 0.0005	0.0005			
1,4-Dichlorobenzene	0.075	mg/L							< 0.0005	0.0005			
2,3,7,8-TCDD (dioxin)	0.00000003	mg/L											
2,4,5-TP (Silvex)	0.05	mg/L									< 0.0002000		0.0002000
2,4-Dichlorophenoxyacetic Acid	0.07	mg/L									< 0.0001000		0.0001000
Alachlor	0.002	mg/L									< 0.0002000		0.0002000
Aldicarb	0.003	mg/L											
Atrazine	0.003	mg/L									< 0.0001000		0.0001000
Benzene	0.005	mg/L							< 0.0005	0.0005			
Benzo(a)pyrene	0.0002	mg/L									< 0.0000200		0.0000200
Carbofuran	0.04	mg/L									< 0.0009000		0.0009000
Carbon Tetrachloride	0.005	mg/L							< 0.0005	0.0005			
Chlordane	0.002	mg/L									< 0.0001000		0.0001000
Chlorobenzene	0.1	mg/L							< 0.0005	0.0005			
cis -1,2-Dichloroethylene	0.07	mg/L							< 0.0005	0.0005			
Dalapon	0.2	mg/L									< 0.0010000		0.0010000
Di(2-ethylhexyl)adipate	0.4	mg/L									< 0.0002000		0.0002000
Di(2-ethylhexyl)phthalate	0.006	mg/L									< 0.0006000		0.0006000
Dichloromethane	0.005	mg/L							< 0.0005	0.0005			
Dinoseb	0.007	mg/L									< 0.0002000		0.0002000
Diquat	0.02	mg/L									< 0.0004000		0.0004000
Endothall	0.1	mg/L									< 0.0090000		0.0090000
Endrin	0.002	mg/L									< 0.0000100		0.0000100
Ethylbenzene	0.7	mg/L							< 0.0005	0.0005			
Ethylene Dibromide	0.00005	mg/L									< 0.0000095		0.0000095
Gamma-BHC (Lindane)	0.0002	mg/L									< 0.0000200		0.0000200
Glyphosate	0.7	mg/L									< 0.0050000		0.0050000
Heptachlor	0.0004	mg/L									< 0.0000400		0.0000400
Heptachlor Epoxide	0.0002	mg/L									< 0.0000200		0.0000200
Hexachlorobenzene	0.001	mg/L									< 0.0001000		0.0001000
Hexachlorocyclopentadiene	0.05	mg/L									< 0.0001000		0.0001000
Methoxychlor	0.04	mg/L									< 0.0001000		0.0001000
Oxamyl (Vydate)	0.2	mg/L									< 0.0020000		0.0020000
<b>PCBs</b>											< 0.0001000		0.0001000
Aroclor 1221		mg/L											

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Aroclor 1232		mg/L											
Aroclor 1242		mg/L											
Aroclor 1248		mg/L											
Aroclor 1016		mg/L											
Aroclor 1254		mg/L											
Aroclor 1260		mg/L											
Pentachlorophenol	0.001	mg/L									< 0.0000400		0.0000400
Picloram	0.5	mg/L									< 0.0001000		0.0001000
Simazine	0.004	mg/L									< 0.0000700		0.0000700
Styrene	0.1	mg/L							< 0.0005	0.0005			
Tetrachloroethylene	0.005	mg/L							< 0.0005	0.0005			
Toluene	1	mg/L							< 0.0005	0.0005			
Toxaphene	0.003	mg/L									< 0.0010000		0.0010000
trans -1,2-Dichloroethylene	0.1	mg/L							< 0.0005	0.0005			
Trichloroethylene	0.005	mg/L							< 0.0005	0.0005			
Vinyl Chloride	0.002	mg/L							< 0.0005	0.0005			
Xylenes (Total)	10	mg/L							< 0.0005	0.0005			
<b><u>Radionuclides</u></b>													
Gross Alpha	15	pCi/L									5.9000000	0.80	0.9000000
Gross Beta	(4 mrem/yr)	pCi/L									2.6000000	0.80	1.2000000
Uranium	0.03	mg/L									0.0080000	0.00	0.0010000
Radium-226		pCi/L									0.0300000	0.01	0.0100000
Radium-228		pCi/L									< 0.3800000	0.11	0.3800000
Radium-226/228	5	pCi/L									0.0300000		
<b><u>Secondary Contaminants</u></b>													
Aluminum	0.05	mg/L											
Iron	0.3	mg/L											
Manganese	0.05	mg/L											
Silver	0.1	mg/L											
Zinc	5	mg/L								0.0500	0.0100		
Chloride	250	mg/L											
Sulfate	250	mg/L											
Foaming Agents	0.5	mg/L											
Color (Apparent)	15	Pt/Co											
Color (True)	15	Pt/Co											
Odor	3	TON											
Total Dissolved Solids	500	mg/L											
pH	> 6.5 and < 8.5	s.u.											
<b><u>Other Parameters</u></b>													
Boron		mg/L											
Cobalt		mg/L											
Magnesium		mg/L											
Molybdenum		mg/L											

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Nickel		mg/L							<	0.0100	0.0100		
Sodium		mg/L								24.0000	1.0000		
Strontium		mg/L											
Thorium		mg/L											
Vanadium		mg/L											
Chromium, Hexavalent		mg/L	0.000764	0.000500	0.000514	0.000500	<	0.000500	0.000500				
Turbidity		NTU											
Total Organic Carbon		mg/L											
Conductivity		µmhos/cm											
2,4-DB		mg/L											
3-Hydroxycarbofuran		mg/L											
Acrylamide		mg/L											
Aldicarb sulfone		mg/L											
Aldicarb sulfoxide		mg/L											
Aldrin		mg/L											
Aldrin sulfoxide		mg/L											
Butachlor		mg/L											
Carbaryl		mg/L											
Dicamba		mg/L											
Dieldrin		mg/L											
Epichlorhydrin		mg/L											
Methomyl		mg/L											
Metolachlor		mg/L											
Metribuzin		mg/L											
Paraquat		mg/L											
Propachlor		mg/L											
Plutonium-238		pCi/L											
Plutonium-239/240		pCi/L											
Plutonium-244		pCi/L											
Uranium-233/234		pCi/L											
Uranium-234		pCi/L											
Uranium-235		pCi/L											
Uranium-235/236		pCi/L											
Uranium-238		pCi/L											
Sodium-22		pCi/L											
Potassium-40		pCi/L											
Strontium-90		pCi/L							<	0.5700	0.5700		
Tritium		pCi/L							<	240.0000	240.0000		
Cobalt-60		pCi/L											
Cesium-137		pCi/L											
Americium-241		pCi/L											

MCL = Maximum Contamination Level

MDL = Method Detection Limit

RDL = Reported Detection Limit

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A.L. = Action Level  
 J = analyte detected below quantitation limits  
 H = holding times for preparation or analyses exceeded  
 P = sample pH not in range