

Group	Component	CAS #	Method	Screening Value	Units	Proposed Screening Value- Source	Effect of Concern Above Proposed Value	Criticality
Volatile Organic Compound	1,1,1,2-Tetrachloroethane	630-20-6	524.2	0.00057	mg/L	U.S. EPA RSL for Resident, Tapwater, N Cancer, lifetime (10^-6 risk level)	Critical	
Volatile Organic Compound	1,1,1-Trichloroethane	71-55-6	524.2	0.2	mg/L	U.S. EPA MCL	Noncancer (liver, kidney, or circulatory)	
Volatile Organic Compound	1,1,2,2-Tetrachloroethane	79-34-5	524.2	0.0004	mg/L	U.S. EPA UCMR Regulatory Determinat	Cancer, lifetime (10^-6 risk level)	
Volatile Organic Compound	1,1,2-Trichloroethane	79-00-5	524.2	0.005	mg/L	U.S. EPA MCL	Noncancer (liver, kidney, or immune sy)	
Volatile Organic Compound	1,1-Dichloroethane (1,1-DCA)	75-34-3	524.2	0.0028	mg/L	U.S. EPA RSL for Resident, Tapwater, N Cancer, lifetime (10^-6 risk level)	Critical	
Volatile Organic Compound	1,1-Dichloroethene (1,1-DCE)	75-35-4	524.2	0.007	mg/L	U.S. EPA MCL	Noncancer (liver problems)	
Semi-Volatile Organic Compound	1,1-Dichloropropene	563-58-6	524.2	0.0005	mg/L	WA State Reporting Level	Analytical	
Volatile Organic Compound	1,2,3-Trichlorobenzene	87-61-6	524.2	0.007	mg/L	U.S. EPA RSL for Resident, Tapwater, N Noncancer, child	High	
Volatile Organic Compound	1,2,3-Trichloropropane	96-18-4	524.2	0.00000075	mg/L	U.S. EPA RSL for Resident, Tapwater, N Cancer, lifetime (10^-6 risk level)	Critical	
Semi-Volatile Organic Compound	1,2,4-Trichlorobenzene	120-82-1	524.2	0.07	mg/L	U.S. EPA MCL	Noncancer (changes in adrenal glands)	
Semi-Volatile Organic Compound	1,2,4-Trimethylbenzene	95-63-6	524.2	0.056	mg/L	U.S. EPA RSL for Resident, Tapwater, N Noncancer, child	High	
Semi-Volatile Organic Compound	1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	524.2	0.0002	mg/L	U.S. EPA MCL	Cancer/Noncancer (reproductive diffic	
Volatile Organic Compound	1,2-Dibromoethane (EDB)	106-93-4	524.2	0.00005	mg/L	U.S. EPA MCL	Cancer/Noncancer (problems with live	
Semi-Volatile Organic Compound	1,2-Dichlorobenzene (o-Dichlorobenze	95-50-1	524.2	0.6	mg/L	U.S. EPA MCL	Noncancer (liver, kidney, or circulatory	
Semi-Volatile Organic Compound	1,2-Dichloroethane	107-06-2	524.2	0.005	mg/L	U.S. EPA MCL	Cancer	
Volatile Organic Compound	1,2-Dichloropropane	78-87-5	524.2	0.005	mg/L	U.S. EPA MCL	Cancer	
Volatile Organic Compound	1,3,5-Trimethylbenzene	108-67-8	524.2	0.06	mg/L	U.S. EPA RSL for Resident, Tapwater, N Noncancer, child	High	
Semi-Volatile Organic Compound	1,3-Dichlorobenzene	541-73-1	524.2	3	mg/L	U.S. EPA DWEL for lifetime exposure	Noncancer (from RfD)	
Volatile Organic Compound	1,3-Dichloropropane	142-28-9	524.2	0.37	mg/L	U.S. EPA RSL for Resident, Tapwater, N Noncancer, child	High	
	1,3-Dinitrobenzene	99-65-0	524.2	0.0007	mg/L	U.S. EPA UCMR Regulatory Determinat	Noncancer	
Semi-Volatile Organic Compound	1,4-Dichlorobenzene (p-Dichlorobenz	106-46-7	524.2	0.075	mg/L	U.S. EPA MCL	Noncancer (anemia; liver, kidney or sp	
Semi-Volatile Organic Compound	2,2-Dichloropropane	594-20-7	524.2	0.0005	mg/L	WA State Reporting Level	Analytical	
Chlorinated Phenolic Organic Compound	2,3,4,6-Tetrachlorophenol	58-90-2	1653A	0.24	mg/L	U.S. EPA RSL for Resident, Tapwater, N Noncancer, child	High	
Chlorinated Phenolic Organic Compound	2,3,7,8-Tetrachlorodibenzo-p-dioxin (T	1746-01-6	1613B	0.00000003	mg/L	U.S. EPA MCL	Cancer/Noncancer (reproductive diffic	
Herbicide	2,4,5-T	93-76-5	515.4	0.16	mg/L	U.S. EPA RSL for Resident, Tapwater, N Noncancer, child	High	
Herbicide	2,4,5-TP (Silvex)	93-72-1	515.4	0.05	mg/L	U.S. EPA MCL	Noncancer (liver problems)	
Chlorinated Phenolic Organic Compound	2,4,5-Trichlorophenol	95-95-4	1653A	1.2	mg/L	U.S. EPA RSL for Resident, Tapwater, N Noncancer, child	High	
Chlorinated Phenolic Organic Compound	2,4,6-Trichlorophenol	88-06-2	1653A	0.0041	mg/L	U.S. EPA RSL for Resident, Tapwater, N Cancer, lifetime (10^-6 risk level)	Critical	
Herbicide	2,4-D	94-75-7	515.4	0.07	mg/L	U.S. EPA MCL	Noncancer (kidney, liver, or adrenal gl:	
Herbicide	2,4-DB	94-82-6	515.4	0.2	mg/L	U.S. EPA Human Health Benchmarks fc	Noncancer	
	2,4-Dinitrotoluene	121-14-2	524.2	0.00005	mg/L	U.S. EPA UCMR Regulatory Determinat	Cancer (10-6 level)	
Volatile Organic Compound	2,5-Dimethylthiophene	638-02-8	GC-SCD	NA	NA	No guideline found	NA	
	2,6-Dinitrotoluene	606-20-2	524.2	0.00005	mg/L	U.S. EPA UCMR Regulatory Determinat	Cancer (10-6 level)	
Semi-Volatile Organic Compound	2-Butanone (MEK)	78-93-3	524.2	5.6	mg/L	U.S. EPA RSL for Resident, Tapwater, N Noncancer, child	High	
Semi-Volatile Organic Compound	2-Chlorotoluene	95-49-8	524.2	0.24	mg/L	U.S. EPA RSL for Resident, Tapwater, N Noncancer, child	High	
Volatile Organic Compound	2-Ethylthiophene	872-55-9	GC-SCD	NA	NA	No guideline found	NA	
Semi-Volatile Organic Compound	2-Methylnaphthalene	91-57-6	8270C SIM	0.036	mg/L	U.S. EPA RSL for Resident, Tapwater, N Noncancer, child	High	
Chlorinated Phenolic Organic Compound	3,4,5-Trichlorocatechol	56961-20-7	1653A	NA	NA	No guideline found	NA	
Chlorinated Phenolic Organic Compound	3,4,5-Trichloroguaiacol	57057-83-7	1653A	NA	NA	No guideline found	NA	
Chlorinated Phenolic Organic Compound	3,4,6-Trichlorocatechol	32139-72-3	1653A	NA	NA	No guideline found	NA	
Chlorinated Phenolic Organic Compound	3,4,6-Trichloroguaiacol	60712-44-9	1653A	NA	NA	No guideline found	NA	
Herbicide	3,5-Dichlorobenzoic Acid	51-36-5	515.4	0.0005	mg/L	WA State Reporting Level	Analytical	
Insecticide/Carbamate	3-Hydroxycarbofuran	16655-82-6	531.2	NA	NA	No guideline found. Consider applying	NA	
Volatile Organic Compound	3-Methylthiophene	616-44-4	GC-SCD	NA	NA	No guideline found	NA	
Pesticide/PCB	4,4'-DDD	72-54-8	508.1	0.000032	mg/L	U.S. EPA RSL for Resident, Tapwater, N Cancer, lifetime (10^-6 risk level)	Critical	
Pesticide/PCB	4,4'-DDE	72-55-9	508.1	0.0002	mg/L	U.S. EPA UCMR Regulatory Determinat	Cancer, lifetime (10^-6 risk level)	
Pesticide/PCB	4,4'-DDT	50-29-3	508.1	0.00023	mg/L	U.S. EPA RSL for Resident, Tapwater, N Cancer, lifetime (10^-6 risk level)	Critical	
Chlorinated Phenolic Organic Compound	4,5,6-Trichloroguaiacol	2668-24-8	1653A	NA	NA	No guideline found	NA	
Semi-Volatile Organic Compound	4-Chlorotoluene	106-43-4	524.2	0.25	mg/L	U.S. EPA RSL for Resident, Tapwater, N Noncancer, child	High	

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Semi-Volatile Organic Compound/ Volatile Organic Compound	4-Isopropyltoluene/ p-Isopropyltoluene	99-87-6	524.2	0.0005	mg/L	WA State Reporting Level	Analytical	High
Semi-Volatile Organic Compound	4-Methyl-2-pentanone (MIBK)	108-10-1	524.2	6.3	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Noncancer, child	High
Polynuclear Aromatic Hydrocarbon	Acenaphthene	83-32-9	525.2	0.53	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Noncancer, child	High
Herbicide	Acifluorfen	50594-66-6	515.4	0.001	mg/L	U.S. EPA HA, cancer, lifetime, 10^-6 ris	Cancer, lifetime (10^-6 risk level)	High
	Acrylamide	79-06-1		TT	mg/L	U.S. EPA MCLG	Cancer/ Noncancer (Nervous system o	Critical
Herbicide	Alachlor	15972-60-8	525.2	0.002	mg/L	U.S. EPA MCL	Cancer/Noncancer (eye, liver, kidney o	Critical
Insecticide/Carbamate	Aldicarb	116-06-3	E531.1	0.01	mg/L	U.S. EPA HA, noncancer, 10-kg child, 1(	Noncancer	Moderate
Insecticide/Carbamate	Aldicarb (Temik)	116-06-3	531.2	0.01	mg/L	U.S. EPA HA, noncancer, 10-kg child, 1(	Noncancer	Moderate
Insecticide/Carbamate	Aldicarb Sulfone	1646-88-4	E531.1	0.01	mg/L	U.S. EPA HA, noncancer, 10-kg child, 1(	Noncancer	Moderate
Insecticide/Carbamate	Aldicarb Sulfoxide	1646-87-3	531.1	0.01	mg/L	U.S. EPA HA, noncancer, 10-kg child, 1(	Noncancer	Moderate
Pesticide/PCB	Aldrin	309-00-2	508.1	0.000002	mg/L	U.S. EPA UCMR Regulatory Determinat	Cancer, lifetime (10^-6 risk level)	Critical
_General Chemistry	Alkalinity as CaCO3, Total		SM 2320B	5	mg/L	WA State Reporting Level	Analytical	Low
Radionuclide	Alpha, Gross		900	15	pCi/L	U.S. EPA MCL	Cancer	Critical
Metal	Aluminum, Total		200.7	0.05 to 0.2	mg/L	U.S. EPA SMCL	Colored water	Low
_General Chemistry	Ammonia as Nitrogen	7664-41-7	350.1	30	mg/L	U.S. EPA DWEL for lifetime exposure	Noncancer (from RfD)	Moderate
Polynuclear Aromatic Hydrocarbon	Anthracene	120-12-7	525.2	1.8	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Noncancer, child	Moderate
Metal	Antimony, Total		200.8	0.006	mg/L	WA DOH 246-290-310 MCL/ U.S. EPA N	Noncancer (increase in blood choleste	Critical
Pesticide/PCB	Aroclor 1016	12674-11-2	508.1	0.0005	mg/L	U.S. EPA MCL (value for PCBs)	Cancer/Noncancer (skin changes; thyr	Critical
Pesticide/PCB	Aroclor 1221	11104-28-2	508.1	0.0005	mg/L	U.S. EPA MCL (value for PCBs)	Cancer/Noncancer (skin changes; thyr	Critical
Pesticide/PCB	Aroclor 1232	11141-16-5	508.1	0.0005	mg/L	U.S. EPA MCL (value for PCBs)	Cancer/Noncancer (skin changes; thyr	Critical
Pesticide/PCB	Aroclor 1242	53469-21-9	508.1	0.0005	mg/L	U.S. EPA MCL (value for PCBs)	Cancer/Noncancer (skin changes; thyr	Critical
Pesticide/PCB	Aroclor 1248	12672-29-6	508.1	0.0005	mg/L	U.S. EPA MCL (value for PCBs)	Cancer/Noncancer (skin changes; thyr	Critical
Pesticide/PCB	Aroclor 1254	11097-69-1	508.1	0.0005	mg/L	U.S. EPA MCL (value for PCBs)	Cancer/Noncancer (skin changes; thyr	Critical
Pesticide/PCB	Aroclor 1260	11096-82-5	508.1	0.0005	mg/L	U.S. EPA MCL (value for PCBs)	Cancer/Noncancer (skin changes; thyr	Critical
Metal	Arsenic (III)		1632 Rev. A	0.01	mg/L	WA DOH 246-290-310 MCL/ U.S. EPA N	Cancer/Noncancer (skin damage or cir	Critical
Metal	Arsenic (V)		1632A	0.01	mg/L	WA DOH 246-290-310 MCL/ U.S. EPA N	Cancer/Noncancer (skin damage or cir	Critical
Metal	Arsenic, Inorganic (Total)		200.8	0.01	mg/L	WA DOH 246-290-310 MCL/ U.S. EPA N	Cancer/Noncancer (skin damage or prc	Critical
	Asbestos (fiber > 10 micrometers)			7	million fibers per liter	U.S. EPA MCL	Noncancer (Increased risk of developir	Critical
Semi-Volatile Organic Compound	Atrazine	1912-24-9	525.2	0.003	mg/L	U.S. EPA MCL	Noncancer (cardiovascular system or n	Critical
Metal	Barium, Total		200.8	2	mg/L	WA DOH 246-290-310 MCL/ U.S. EPA N	Noncancer (increase in blood pressure	Critical
Pesticide/PCB	Baygon (Propoxur)	114-26-1	531.2	0.04	mg/L	U.S. EPA HA, noncancer, 10-kg child, 1(	Noncancer	Moderate
Herbicide	Bentazon	25057-89-0	515.4	0.3	mg/L	U.S. EPA HA, noncancer, 10-kg child, 1(	Noncancer, child	High
Polynuclear Aromatic Hydrocarbon	Benz(a)anthracene	56-55-3	525.2	0.00003	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Cancer, lifetime (10^-6 risk level)	Critical
Volatile Organic Compound	Benzene	71-43-2	524.2	0.005	mg/L	U.S. EPA MCL	Cancer/Noncancer (anemia, decrease i	Critical
Semi-Volatile Organic Compound	Benzo(a)pyrene	50-32-8	525.2	0.0002	mg/L	U.S. EPA MCL	Cancer/Noncancer (reproductive diffi	Critical
Polynuclear Aromatic Hydrocarbon	Benzo(b)fluoranthene	205-99-2	8270C SIM	0.00025	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Cancer, lifetime (10^-6 risk level)	Critical
Polynuclear Aromatic Hydrocarbon	Benzo(g,h,i)perylene	191-24-2	525.2	0.0002	mg/L	Set equal to U.S. EPA MCL for benzo(a)	NA	Critical
Polynuclear Aromatic Hydrocarbon	Benzo(k)fluoranthene	207-08-9	8270C SIM	0.0025	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Cancer, lifetime (10^-6 risk level)	High
Metal	Beryllium, Total		200.8	0.004	mg/L	WA DOH 246-290-310 MCL/ U.S. EPA N	Noncancer (intestinal lesions)	Critical
Radionuclide	Beta, Gross		900	NA	NA	WA DOH 246-290-310 MCL/ U.S. EPA N	Cancer	Critical
Plasticizer	Bis(2-ethylhexyl) Adipate	103-23-1	525.2	0.4	mg/L	U.S. EPA MCL	Noncancer (weight loss, liver problems	Critical
Plasticizer	Bis(2-ethylhexyl) Phthalate	117-81-7	525.2	0.006	mg/L	U.S. EPA MCL	Cancer/Noncancer (reproductive diffi	Critical
	Boron			1.4	mg/L	U.S. EPA UCMR Regulatory Determinat	Noncancer	High
Semi-Volatile Organic Compound	Bromacil	314-40-9	525.2	3.5	mg/L	U.S. EPA DWEL for lifetime exposure	Noncancer (from RfD)	High
_General Chemistry	Bromide		300.0	0.01	mg/L	U.S. EPA MCL	Cancer	Critical
Volatile Organic Compound	Bromobenzene	108-86-1	524.2	0.062	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Noncancer, child	High
Volatile Organic Compound	Bromochloromethane (halon 1011)	74-97-5	524.2	0.00006	mg/L	U.S. EPA UCMR 3 Minimum Reporting	Not health risk-based	High
Volatile Organic Compound	Bromodichloromethane	75-27-4	524.2	0	mg/L	U.S. EPA MCLG		Critical
Volatile Organic Compound	Bromoform	75-25-2	524.2	0	mg/L	U.S. EPA MCLG		Critical
Volatile Organic Compound	Bromomethane	74-83-9	524.2	0.0002	mg/L	U.S. EPA UCMR 3 Minimum Reporting	Not health risk-based	High
Semi-Volatile Organic Compound	Butachlor	23184-66-9	525.2	0.0004	mg/L	WA State Reporting Level	Analytical	High
Plasticizer	Butyl Benzyl Phthalate	85-68-7	525.2	0.016	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Cancer, lifetime (10^-6 risk level)	Critical
Metal	Cadmium, Total		200.8	0.005	mg/L	WA DOH 246-290-310 MCL/ U.S. EPA N	Noncancer (kidney damage)	Critical
Metal	Calcium, Total		200.7	NA	NA	No guideline found	NA	Low
Insecticide/Carbamate	Carbaryl	63-25-2	E531.1	0.04	mg/L	U.S. EPA HA, cancer, lifetime, using 10^	Cancer, lifetime (10^-6 risk level)	Critical

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Insecticide/Carbamate	Carbofuran	1563-66-2	531.1	0.04	mg/L	U.S. EPA MCL	Noncancer (problems with blood, nerv	Critical
Volatile Organic Compound	Carbon Tetrachloride	56-23-5	524.2	0.005	mg/L	U.S. EPA MCL	Cancer/Noncancer (liver problems)	Critical
_General Chemistry	Carbon, Dissolved Organic (DOC)		SM 5310 C	NA	NA	No guideline found	NA	Low
_General Chemistry	Carbon, Total Organic		SM 5310 C	0.004	mg/L	U.S. EPA Treatment Technique	Treatment Technique	Low
Volatile Organic Compound	Carbonyl Sulfide	463-58-1	GC-SCD	0.21	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Noncancer, child	High
Herbicide	Chloramben	133-90-4	515.4	0.29	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Noncancer, child	High
	Chloramines (as Cl2)			4	mg/L	U.S. EPA MRDL	Noncancer (Eye/nose irritation; stomac	Critical
Pesticide/PCB	Chlordane	57-74-9	508.1	0.002	mg/L	U.S. EPA MCL	Cancer/Noncancer (liver or nervous sy	Critical
_General Chemistry	Chloride		300.0	250	mg/L	U.S. EPA SMCL	Salty taste	Low
	Chlorine (as Cl2)	7782-50-5		4	mg/L	U.S. EPA MRDL	Noncancer (Eye/nose irritation; stomac	Critical
	Chlorine dioxide (as ClO2)	10049-04-4		0.8	mg/L	U.S. EPA MRDL	Noncancer (Anemia; infants and young	Critical
	Chlorite	14998-27-7		1	mg/L	U.S. EPA MCL	Noncancer (Anemia; infants and young	Critical
Herbicide	Chlorobenzene	108-90-7	524.2	0.1	mg/L	U.S. EPA MCL	Noncancer (liver or kidney problems)	Critical
Volatile Organic Compound	Chloroethane	75-00-3	524.2	21	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Noncancer, child	Critical
Volatile Organic Compound	Chloroform	67-66-3	524.2	0.07	mg/L	U.S. EPA MCLG	Not specified	Critical
Volatile Organic Compound	Chloromethane	74-87-3	524.2	0.0002	mg/L	U.S. EPA UCMR 3 Minimum Reporting	Not health risk-based	High
Metal	Chromium, Total		200.8	0.1	mg/L	WA DOH 246-290-310 MCL/ U.S. EPA N	Noncancer (allergic dermatitis)	Critical
Polynuclear Aromatic Hydrocarbon	Chrysene	218-01-9	525.2	0.025	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Cancer, lifetime (10^-6 risk level)	High
Volatile Organic Compound	cis-1,2-Dichloroethene	156-59-2	524.2	0.07	mg/L	U.S. EPA MCL	Noncancer (liver problems)	Critical
Volatile Organic Compound	cis-1,3-Dichloropropene	10061-01-5	524.2	0.00047	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Cancer, lifetime (10^-6 risk level)	High
_General Chemistry	Coliform, Fecal		SM 9221E	0	MPN/100 mL	U.S. EPA MCLG		Critical
_General Chemistry	Coliform, Total		SM 9223 B	0	MPN/100 mL	U.S. EPA MCLG		Critical
_General Chemistry	Colilert, E. Coli		SM 9223B	0	MPN/100 mL	U.S. EPA MCLG (based on value for Total Coliforms)		Critical
_General Chemistry	Colilert, T. Coli		SM 9223B	0	MPN/100 mL	U.S. EPA MCLG (based on value for Total Coliforms)		Critical
_General Chemistry	Color		SM 2120 B	15	Color units	WA DOH 246-290-310 SMCL/ U.S. EPA	Visible tint	Low
_General Chemistry	Conductivity at 25 Degrees Celsius		SM 2510 B	700	uMHOS/cm	WA DOH 246-290-310 SMCL	NA	Low
Metal	Copper, Total		200.7	1	mg/L	U.S. EPA SMCL (value is lower than MC	Metallic taste; blue-green staining	Low
	Cryptosporidium			TT	mg/L	U.S. EPA MCLG	Noncancer (Gastrointestinal illness (su	Critical
_General Chemistry	Cyanide, Total		335.4	0.2	mg/L	U.S. EPA MCL	Noncancer (nervous system damage or	Critical
Herbicide	Dacthal Diacid	2136-79-0	515.4	0.35	mg/L	U.S. EPA DWEL for lifetime exposure	Noncancer (from RfD)	High
Herbicide	Dalapon	75-99-0	515.4	0.2	mg/L	U.S. EPA MCL	Noncancer (minor kidney changes)	Critical
	DCPA (Dimethyl tetrachloroterephthal	1861-32-1		0.07	mg/L	U.S. EPA UCMR Regulatory Determinat	Noncancer	High
Herbicide	DCPA Di-acid Degradate (tetrachlorote	2136-79-0	515.4	0.07	mg/L	U.S. EPA UCMR CCL2 Health Reference	Noncancer	High
	DCPA Mono-acid Degradate (monome	887-54-7		0.07	mg/L	U.S. EPA UCMR Regulatory Determinat	Noncancer	High
Polynuclear Aromatic Hydrocarbon	Dibenz(a,h)anthracene	53-70-3	8270C SIM	0.000025	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Cancer, lifetime (10^-6 risk level)	Critical
Polynuclear Aromatic Hydrocarbon	Dibenzofuran	132-64-9	8270C SIM	0.0079	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Noncancer, child	High
Volatile Organic Compound	Dibromochloromethane	124-48-1	524.2	0.06	mg/L	U.S. EPA MCLG	Not specified	Critical
Volatile Organic Compound	Dibromomethane	74-95-3	524.2	0.0005	mg/L	WA State Reporting Level	Analytical	High
Herbicide	Dicamba	1918-00-9	515.4	0.57	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Noncancer, child	Moderate
	Dichloroacetic acid	79-43-6		0.06	mg/L	U.S. EPA MCL	Cancer	Critical
Volatile Organic Compound	Dichlorodifluoromethane	75-71-8	524.2	0.2	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Noncancer, child	Moderate
Volatile Organic Compound	Dichloromethane (Methylene Chloride	75-09-2	524.2	0.005	mg/L	U.S. EPA MCL	Cancer/Noncancer (liver problems)	Critical
Herbicide	Dichlorprop	120-36-5	515.4	NA	NA	No guideline found	NA	Moderate
Insecticide/Carbamate	Dieldrin	60-57-1	508.1	0.000002	mg/L	U.S. EPA UCMR Regulatory Determinat	Cancer, lifetime (10^-6 risk level)	Critical
Volatile Organic Compound	Diethyl Disulfide	110-81-6	GC-SCD	0.05	mg/L	NYDEC Ambient Water Quality Standar	Aesthetics, total sulfides	High
Volatile Organic Compound	Diethyl Sulfide	352-93-2	GC-SCD	0.05	mg/L	NYDEC Ambient Water Quality Standar	Aesthetics, total sulfides	High
Volatile Organic Compound	Diisopropyl Ether	108-20-3	524.2	1.5	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Noncancer, child	High
	Dimethoate	60-51-5		0.015	mg/L	U.S. EPA UCMR Regulatory Determinat	Noncancer	High
Volatile Organic Compound	Dimethyl Disulfide	624-92-0	GC-SCD	0.05	mg/L	NYDEC Ambient Water Quality Standar	Aesthetics, total sulfides	High
Plasticizer	Dimethyl Phthalate	131-11-3	525.2	0.0006	mg/L	WA State Reporting Level	Analytical	Moderate
Volatile Organic Compound	Dimethyl Sulfide	75-18-3	GC-SCD	0.05	mg/L	NYDEC Ambient Water Quality Standar	Aesthetics, total sulfides	High
Plasticizer	Di-n-butyl Phthalate	84-74-2	525.2	0.9	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Noncancer, child	High
Herbicide	Dinoseb	88-85-7	515.4	0.007	mg/L	U.S. EPA MCL	Noncancer (reproductive difficulties)	Critical
Herbicide	Diquat	2764-72-9	549.2	0.02	mg/L	U.S. EPA MCL	Noncancer (cataracts)	Critical
Herbicide	Endothall	145-73-3	548.1	0.1	mg/L	U.S. EPA MCL	Noncancer (stomach and intestinal prc	Critical

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Pesticide/PCB	Endrin	72-20-8	508.1	0.002	mg/L	U.S. EPA MCL	Noncancer (liver problems)	Critical
	Epichlorohydrin	106-89-8		TT	mg/L	U.S. EPA MCLG	Cancer/ Noncancer (Increased cancer risk)	Critical
Pesticide/PCB	EPTC	759-94-4	525.2	0.175	mg/L	U.S. EPA UCMR Regulatory Determination	Noncancer (decreased body weight and reproduction)	Moderate
Volatile Organic Compound	Ethyl Mercaptan	75-08-1	GC-SCD	NA	NA	No guideline found	NA	High
Volatile Organic Compound	Ethyl Methyl Sulfide	624-89-5	GC-SCD	0.05	mg/L	NYDEC Ambient Water Quality Standard	Aesthetics, total sulfides	High
Volatile Organic Compound	Ethylbenzene	100-41-4	524.2	0.7	mg/L	U.S. EPA MCL	Noncancer (liver or kidney problems)	Critical
Semi-Volatile Organic Compound	Fluoranthene	206-44-0	8270C SIM	0.8	mg/L	U.S. EPA RSL for Resident, Tapwater, Noncancer, child		High
Semi-Volatile Organic Compound	Fluorene	86-73-7	525.2	0.29	mg/L	U.S. EPA RSL for Resident, Tapwater, Noncancer, child		High
_General Chemistry	Fluoride	16984-48-8	300.0	2	mg/L	U.S. EPA SMCL (value is lower than MC)	Tooth discoloration	Moderate
	Fonofos	944-22-9		0.01	mg/L	U.S. EPA UCMR Regulatory Determination	Noncancer	Moderate
Pesticide/PCB	gamma-BHC (Lindane)	58-89-9	508.1	0.0002	mg/L	U.S. EPA MCL	Noncancer (liver or kidney problems)	Critical
	Giardia lamblia			TT	mg/L	U.S. EPA MCLG	Noncancer (Gastrointestinal illness (suicidal thoughts))	Critical
Herbicide	Glyphosate	1071-83-6	547	0.7	mg/L	U.S. EPA MCL	Noncancer (kidney problems, reproduction)	Critical
_General Chemistry	Hardness as CaCO3		200.7/SM 2340B	10	mg/L	WA State Reporting Level	Analytical	Low
Pesticide/PCB	Heptachlor	76-44-8	508.1	0.0004	mg/L	U.S. EPA MCL	Cancer/Noncancer (liver damage)	Critical
Pesticide/PCB	Heptachlor Epoxide	1024-57-3	508.1	0.0002	mg/L	U.S. EPA MCL	Cancer/Noncancer (liver damage)	Critical
	Heterotrophic plate count (HPC)			TT	mg/L	U.S. EPA MCL	HPC has no health effects; it is an analytical indicator	Critical
Semi-Volatile Organic Compound	Hexachlorobenzene	118-74-1	525.2	0.001	mg/L	U.S. EPA MCL	Cancer/Noncancer (liver or kidney problems)	Critical
Volatile Organic Compound	Hexachlorobutadiene	87-68-3	524.2	0.0009	mg/L	U.S. EPA UCMR Regulatory Determination	Cancer, lifetime (10^-6 risk level)	Critical
Semi-Volatile Organic Compound	Hexachlorocyclopentadiene	77-47-4	525.2	0.05	mg/L	U.S. EPA MCL	Noncancer (kidney or stomach problems)	Critical
_General Chemistry	Hydrogen Sulfide	7783-06-4	GC/SCD Reduced Sulfur Analysis	0.0042	mg/L	U.S. EPA RSL for Resident, Tapwater, Noncancer, child		Moderate
Polynuclear Aromatic Hydrocarbon	Indeno(1,2,3-cd)pyrene	193-39-5	8270C SIM	0.00025	mg/L	U.S. EPA RSL for Resident, Tapwater, Noncancer, lifetime (10^-6 risk level)		High
Metal	Iron, Total		200.7	0.3	mg/L	WA DOH 246-290-310 SMCL/ U.S. EPA	Rusty color; sediment; metallic taste; reproductive effects	Low
Semi-Volatile Organic Compound	Isopropylbenzene	98-82-8	524.2	0.45	mg/L	U.S. EPA RSL for Resident, Tapwater, Noncancer, child		High
Metal	Lead, Total		200.8	0.015	mg/L	U.S. EPA MCL	Noncancer (neurodevelopmental effects)	Critical
	Legionella			TT	mg/L	U.S. EPA MCLG	Noncancer (Legionnaire's Disease, a type of pneumonia)	Critical
Volatile Organic Compound	m,p-Xylenes	179601-23-1	524.2	10	mg/L	U.S. EPA MCL	Noncancer (nervous system damage)	Critical
Metal	Magnesium, Total		200.7	35	mg/L	NYDEC Ambient Water Quality Standard	Human health, noncancer	Low
Metal	Manganese, Total		200.7	0.05	mg/L	WA DOH 246-290-310 SMCL/ U.S. EPA	Black to brown color; black staining; bitter taste	Low
Metal	Mercury, Total		245.1	0.002	mg/L	WA DOH 246-290-310 MCL/ U.S. EPA	Noncancer (kidney damage)	Critical
Insecticide/Carbamate	Methiocarb	2032-65-7	E531.1	NA	NA	No guideline found. Consider applying NA		Moderate
Insecticide/Carbamate	Methomyl	16752-77-5	E531.1	0.3	mg/L	U.S. EPA HA, noncancer, 10-kg child, 11 Noncancer, child		Moderate
Pesticide/PCB	Methoxychlor	72-43-5	508.1	0.04	mg/L	U.S. EPA MCL	Noncancer (reproductive difficulties)	Critical
Volatile Organic Compound	Methyl Mercaptan	74-93-1	GC-SCD	NA	NA	No guideline found	NA	High
Metal	Methyl Mercury, Total		1630	0.002	mg/L	U.S. EPA RSL for Resident, Tapwater, Noncancer		High
Volatile Organic Compound	Methyl tert-Butyl Ether	1634-04-4	524.2	0.014	mg/L	U.S. EPA RSL for Resident, Tapwater, Noncancer, lifetime (10^-6 risk level)		Critical
Surfactant	Methylene Blue Active Substances		SM 5540 C	NA	NA	No guideline found	NA	Low
Semi-Volatile Organic Compound	Metolachlor	51218-45-2	525.2	0.07	mg/L	U.S. EPA UCMR Health Reference Level	Noncancer (decreased body weight)	Critical
Semi-Volatile Organic Compound	Metribuzin	21087-64-9	525.2	0.091	mg/L	U.S. EPA UCMR Regulatory Determination	Noncancer (thyroid effects)	Moderate
	Monochloroacetic acid	79-11-8		0.06	mg/L	U.S. EPA MCL	Cancer	Critical
Polynuclear Aromatic Hydrocarbon	Naphthalene	91-20-3	524.2	0.14	mg/L	U.S. EPA UCMR Regulatory Determination	Noncancer (decreased body weight)	Moderate
Volatile Organic Compound	n-Butylbenzene	104-51-8	524.2	1	mg/L	U.S. EPA RSL for Resident, Tapwater, Noncancer, child		High
Metal	Nickel, Total		200.8	0.1	mg/L	WA DOH 246-290-310 MCL. U.S. EPA	Cancer	Critical
_General Chemistry	Nitrate as Nitrogen		300.0	10	mg/L	WA DOH 246-290-310 MCL/ U.S. EPA	Noncancer (methemoglobinemia in infants)	Critical
_General Chemistry	Nitrite + Nitrate as Nitrogen		300.0/300.0	10	mg/L	WA DOH 246-290-310 MCL/ U.S. EPA	Noncancer (methemoglobinemia in infants)	Critical
_General Chemistry	Nitrite as Nitrogen		300.0	1	mg/L	WA DOH 246-290-310 MCL/ U.S. EPA	Noncancer (methemoglobinemia in infants)	Critical
Volatile Organic Compound	n-Propylbenzene	103-65-1	524.2	0.66	mg/L	U.S. EPA RSL for Resident, Tapwater, Noncancer, child		High
_General Chemistry	Orthophosphate as Phosphorus		SM 4500-P E	NA	NA	No guideline found	NA	Low
Insecticide/Carbamate	Oxamyl (Vydate)	23135-22-0	531.2	0.2	mg/L	U.S. EPA MCL	Noncancer (slight nervous system effects)	Critical
Volatile Organic Compound	o-Xylene	95-47-6	524.2	10	mg/L	U.S. EPA MCL	Noncancer (nervous system damage)	Critical
Herbicide	Paraquat	4685-14-7	549.2	0.1	mg/L	U.S. EPA HA, noncancer, 10-kg child, 11 Noncancer		Moderate
Insecticide/Carbamate	Parathion	56-38-2	525.2	0.086	mg/L	U.S. EPA RSL for Resident, Tapwater, Noncancer, child		Critical
Semi-Volatile Organic Compound	Pentachlorophenol (PCP)	87-86-5	1653A | 515.4	0.001	mg/L	U.S. EPA MCL	Cancer/Noncancer (liver or kidney problems)	Critical
_General Chemistry	Perchlorate	14797-73-0	314.0	0.015	mg/L	U.S. EPA Interim Drinking Water Health Advisory	Noncancer	High
_General Chemistry	pH		150.1	6.5-8.5	pH units	U.S. EPA SMCL	Low pH: bitter metallic taste; corrosive	Low



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Semi-Volatile Organic Compound	Phenanthrene	85-01-8	525.2	0.05	mg/L	NYDEC Ambient Water Quality Standard	Human health, unspecified	Moderate
_General Chemistry	Phosphorus, Total		365.3	NA	NA	No guideline found	NA	Low
Herbicide	Picloram	1918-02-1	515.4	0.5	mg/L	U.S. EPA MCL	Noncancer (liver problems)	Critical
Metal	Potassium, Total		200.7	NA	NA	No guideline found	NA	Low
Semi-Volatile Organic Compound	Propachlor	1918-16-7	525.2	0.001	mg/L	U.S. EPA HA, cancer, lifetime, using 10 ⁻⁶ risk level	Cancer, lifetime (10 ⁻⁶ risk level)	Critical
Insecticide/Carbamate	Propoxur	114-26-1	E531.1	0.04	mg/L	U.S. EPA HA, noncancer, 10-kg child, 11	Noncancer	Moderate
Semi-Volatile Organic Compound	Pyrene	129-00-0	525.2	0.12	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Noncancer	Moderate
Radionuclide	Radium-226		903.1	5	pCi/L (Radium-226 and -228 combined)	U.S. EPA MCL	Cancer	Critical
Radionuclide	Radium-228		904.0	5	pCi/L (Radium-226 and -228 combined)	U.S. EPA MCL	Cancer	Critical
Volatile Organic Compound	sec-Butylbenzene	135-98-8	524.2	2	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Noncancer, child	High
Metal	Selenium, Total		200.8	0.05	mg/L	WA DOH 246-290-310 MCL/ U.S. EPA MCL	Noncancer (hair or fingernail loss; num	Critical
Metal	Silica, Dissolved as SiO2		SM 4500-SiO2 C	NA	NA	No guideline found	NA	Low
Metal	Silicon, Total		200.7	NA	NA	No guideline found	NA	Low
Metal	Silver, Total		200.8	0.1	mg/L	WA DOH 246-290-310 SMCL/ U.S. EPA MCL	Skin discoloration; graying of the white	Moderate
Semi-Volatile Organic Compound	Simazine	122-34-9	525.2	0.004	mg/L	U.S. EPA MCL	Noncancer (problems with blood)	Critical
Metal	Sodium, Total		200.7	20	mg/L	U.S. EPA Health Guidance Level (cited in	Noncancer (for individuals on low sodi	Low
_General Chemistry	Solids, Total Dissolved		SM 2540 C	500	mg/L	U.S. EPA SMCL	Hardness; deposits; colored water; sta	Low
	Strontium			1.5	mg/L	U.S. EPA UCMR Regulatory Determinat	Noncancer	High
Volatile Organic Compound	Styrene	100-42-5	524.2	0.1	mg/L	U.S. EPA MCL	Noncancer (liver, kidney, or circulatory	Critical
_General Chemistry	Sulfate		300.0	250	mg/L	U.S. EPA SMCL	Salty taste	Low
Semi-Volatile Organic Compound	Terbacil	5902-51-2	525.2	0.091	mg/L	U.S. EPA UCMR Regulatory Determinat	Noncancer (thyroid and liver effects)	Moderate
	Terbufos	13071-79-9		0.00035	mg/L	U.S. EPA UCMR Regulatory Determinat	Noncancer	Moderate
	Terbufos sulfone	56070-16-7		0.00035	mg/L	U.S. EPA UCMR Regulatory Determinat	Noncancer	Moderate
Volatile Organic Compound	tert-Butylbenzene	98-06-6	524.2	0.69	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Noncancer, child	High
Chlorinated Phenolic Organic Compound	Tetrachlorocatechol	1198-55-6	1653A	NA	NA	No guideline found	NA	High
Volatile Organic Compound	Tetrachloroethene	127-18-4	524.2	0.005	mg/L	U.S. EPA MCL	Cancer/Noncancer (liver problems)	Critical
Chlorinated Phenolic Organic Compound	Tetrachloroguaiacol	2539-17-5	1653A	NA	NA	No guideline found	NA	High
Metal	Thallium, Total		200.8	0.002	mg/L	WA DOH 246-290-310 MCL/ U.S. EPA MCL	Noncancer (hair loss; changes in blood	Critical
Volatile Organic Compound	Thiophene (Thiofuran)	110-02-1	GC-SCD	NA	NA	No guideline found	NA	High
Volatile Organic Compound	Toluene	108-88-3	524.2	1	mg/L	U.S. EPA MCL	Noncancer (nervous system, liver, or ki	Critical
_General Chemistry	Total Dissolved Solids			500	mg/L	WA DOH 246-290-310 SMCL/ U.S. EPA MCL	Hardness; deposits; colored water; sta	Low
Pesticide/PCB	Toxaphene	8001-35-2	508.1	0.003	mg/L	U.S. EPA MCL	Cancer/Noncancer (kidney, liver, or th)	Critical
Volatile Organic Compound	trans-1,2-Dichloroethene	156-60-5	524.2	0.1	mg/L	U.S. EPA MCL	Noncancer (liver problems)	Critical
Semi-Volatile Organic Compound	trans-1,3-Dichloropropene	542-75-6	524.2	0.0004	mg/L	U.S. EPA UCMR CCL2 Health Reference	Cancer, lifetime (10 ⁻⁶ risk level)	Critical
	Trichloroacetic acid	76-03-9		0.06	mg/L	U.S. EPA MCL	Cancer	Critical
Volatile Organic Compound	Trichloroethene	79-01-6	524.2	0.005	mg/L	U.S. EPA MCL	Cancer/Noncancer (liver problems)	Critical
Volatile Organic Compound	Trichlorofluoromethane	75-69-4	524.2	5.2	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Noncancer, child	Moderate
Chlorinated Phenolic Organic Compound	Trichlorosyringol	2539-26-6	1653A	NA	NA	No guideline found	NA	High
Herbicide	Trifluralin	1582-09-8	525.2	0.0026	mg/L	U.S. EPA RSL for Resident, Tapwater, N	Cancer, lifetime (10 ⁻⁶ risk level)	Critical
_General Chemistry	Turbidity		180.1	1	NTU	U.S. EPA limit for single sample; 0.3 NT	Indicator of water quality and filtratio	Low
Metal	Uranium, Total		200.8	0.03	mg/L	U.S. EPA MCL	Cancer/Noncancer (kidney toxicity)	Critical
_General Chemistry	UV254		SM 5910 B	NA	NA	No guideline found	NA	Low
Volatile Organic Compound	Vinyl Chloride	75-01-4	524.2	0.002	mg/L	U.S. EPA MCL	Cancer	Critical
	Viruses (enteric)			TT	mg/L	U.S. EPA MCLG	Noncancer (Gastrointestinal illness (su	Critical
Metal	Zinc, Total		200.7	5	mg/L	WA DOH 246-290-310 SMCL/ U.S. EPA MCL	Metallic taste	Low