

FORT PECK RESERVATION WATER QUALITY CRITERIA TABLE

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FORT PECK TRIBES
NUMERIC WATER QUALITY STANDARDS



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FORT PECK RESERVATION WATER QUALITY CRITERIA TABLE

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FPWQCT, FORT PECK WATER QUALITY CRITERIA TABLE, is a compilation of the most recent numeric and narrative water quality criteria available for protection of Surface Waters. Reference sources used to compile FPWQCT include the Environmental Protection Agency (EPA) web sites providing Clean Water Act Section 304(a) Criteria Chart, criteria established as drinking water maximum contaminant levels (MCL's) and current Montana Water Quality criteria. It is anticipated that FPWQCT will be added to, modified, and/or updated as additional or new information becomes available. Care should be exercised to ensure that the most recent version (by date) is used as a reference.

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FPWQCT is a complex document. Close attention must be paid to the frequent use of 'detailed notes of explanation'. They are used in the table headings and individual line items, many times, both. A detailed set of notes of explanation follow the table portion of FPWQCT and are found in the format of (n) where n is a number.

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FPWQCT uses the more restrictive value of either the 304(a) criteria or the drinking water MCL for Human Health protection, whenever required, in order to be able to fully protect the concept of 'multi-use' of the Tribes' waters. For instance, if the Human-Health criterion for a particular pollutant has been established at 1,200 µg/L (micro-grams per Liter) and the same pollutant has an organoleptic (taste and/or odor) criterion established at 20 µg/L, then FPWQCT would have the criterion set at the more limiting value of 20 µg/L. In a similar manner, whenever both Aquatic Life criteria and Human Health criteria exist for the same analyte, the more restrictive of these values will be used as the numeric Surface Water Quality criterion.

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FPWQCT sets numeric criteria for surface waters within the exterior boundaries of the Reservation. In addition, FPWQCT lists values which are to be used in conjunction with the Fort Peck Water Quality Standards et seq to determine and evaluate degradation. Standards for 'Harmful' parameters will be used as non-degradation criteria for both surface waters and ground waters. Except where noted, the surface water analysis method is always 'total-recoverable' while the analysis method used for ground water will be 'dissolved'.

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Special attention should be paid to the pollutants/conditions such as ammonia, hardness, and oxygen as the criteria are set over a range of values, or are computed using a complex formula, or depend upon special circumstances.

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Alkalinity, chloride, hardness, sediment, sulfate, and total dissolved solids have 'Narrative Criteria' and are referenced back to the Fort Peck Water Quality Standards et seq for further details and explanation.

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The criteria for E.coli, color, dissolved gases, odor, pH, and temperature are dependent upon the water-use classifications as

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specified in Fort Peck Water Quality Standards.

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Pollutant Element / Chemical Compound or Condition	CASRN, NIOSH and SAX Numbers (25) (26) (27)	Category (1) (2)	Aquatic Life Standards (6)		Bioconcentration Factor (BCF) (5) (29)	Human Health Standards (17) (19) Water + Organism Organism Only		Trigger Value (22)(31)	Required Reporting Value (19) (31)
			Acute (3)	Chronic (4)					
Acenaphthene ' ' --- ' Acenaphthalene ' Naphthyleneethylene ' 1,8-Ethylenenaphthalene ' 1,8-Ethylene Naphthalene ' 1,2-Dihydroacenaphthylene ' Acenaphthylene, 1,2-Dihydro-	83329 or 83-32-9 NIOSH: AB 1255500 SAX: AAE750	Toxic Organoleptic	---	---	242	70 (2) (31)	90 (2) (31)	N/A	10
Acenaphthylene (PAH) (32) ' ' --- ' Cyclopenta(De)Naphthalene	208968 or 208-96-8 NIOSH: AB 1254000 SAX: AAF500	Toxic	---	---	30 Benzo (a) Pyrene (BaP) BCF 1980 awq: EPA/5.80-069	---	---	2.3	10
Acifluorfen ' ' Blazer ' Tackle ' Scepter ' as sodium	62476599 or 62476-59-9	Carcinogen	---	---	---	9.4 HA	▼	N/A	
Acrolein ' ' --- ' Biocide ' Crolean ' Aqualin ' Aqualine ' Propenal ' SHA 00701 ' 2-propenal ' Acraldehyde ' Acrylaldehyde ' Acrylic Aldehyde ' Ethylene Aldehyde	107028 or 107-02-8 NIOSH: AS 1050000 SAX: ADR000	Toxic	3	3	215	3 (38)	400 (38)	N/A	
Acrylamide ' ' 2-Propenamide ' Propenamide ' Acrylic Amide ' Ethylenecarboxamide ' RCRA Waste Number U007	79061 or 79-06-1 NIOSH: AS 3325000 SAX: ADS250	Carcinogen	---	---	---	0.7 HA	▼	N/A	
Acrylonitrile ' ' --- ' Ventox ' ENT 54 ' TL 314 ' Fumigrain ' Carbaaryl ' Cyanoethylene	107131 or 107-13-1 NIOSH: AT 5250000 SAX: ADX500	Carcinogen	---	---	30	0.061 (29)	7.0 (29)	N/A	

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			Acute (3)	Chronic (4)					
' Vinyl cyanide ' Propenenitrile ' 2- Propenenitrile ' Acrylonitrile monomer ' RCRA Waste Number U009						PP	PP		
Alachlor ' ' '---' ' Lazo ' Lasso ' Alator ' Alanex ' Alochlor ' Pillarzo ' Metachlor ' Chimiclor ' SHA 090501 ' Methachlor ' 2-Chloro-N-(2,6-Diethyl)Phenyl-N-Methoxymethylacetamide ' 2-Chloro-2',6'-Diethyl-N-(Methoxymethyl)Acetanilide	15972608 or 15972-60-8 NIOSH: AE 1225000 SAX: CFX000	Toxic	---	---	---	2			
Aldicarb ' ' Temik ' Temic ' Ambush ' OMS 771 ' Temik G 10 ' Aldecarb ' Carbamyl ' SHA 098301 ' Carbanolate ' Sulfone Aldoxycarb ' Union Carbide 21149 ' RCRA Waste Number P070 ' Propanal, 2-Methyl-2-(Methylthio)-, O-[(Methylamino)Carbonyl]Oxime	116063 or 116-06-3 NIOSH: UE 2275000 SAX: CBM500	Toxic	---	---	---	3		1	
Aldicarb Sulfone ' ' Aldoxycarb ' Standak ' UC 21865 ' Sulfocarb ' SHA 110801 ' Propionaldehyde, 2-Methyl-2-(Methylsulfonyl)-, O-(Methylcarbomoyl)Oxime ' 2-Methyl-2-(Methylsulfonyl)Propanal O-[(Methylamino)Carbonyl]Oxime	1646884 or 1646-88-4 NIOSH: UE 2080000 SAX: AFK000	Toxic	---	---	---	2		2	

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			Acute (3)	Chronic (4)				
Ammonia plus un-ionized ammonia as N ' '--- ' Ammonia Anhydrous ' Anhydrous Ammonia ' Spirit of Hartshorn	7664417 or 7664-41-7 NIOSH: BO 0875000 SAX: AMY500	Toxic _v	(7)(8) NPP _v	(7)(8) NPP	---	---	10	0.050 mg/l
Anthracene (PAH) ' ' Paraphthalene ' Green Oil ' Anthracin ' Tetra Olive N2G	120127 or 120-12-7 NIOSH: CA 9350000 SAX: APG500	Toxic _v	---	---	30	300 _v (2) PP	0.04	10 _v
Antimony (9) ' ' Sb ' Antimony Black ' Antimony Regulus ' C.I. 77050 ' Stibium	7440360 or 7440-36-0 NIOSH: CC 4025000 SAX: AQB750	Toxic _v	---	---	1	5.6 (29) PP	0.4	0.5
Aroclor 1016 ' ' PCB 1016 ' PCB-1016 ' Arochlor 1016 ' Chlorodiphenyl (16% Cl) ' Polychlorinated Biphenyl (Aroclor 1016)	12674112 or 12674-11-2 NIOSH: --- SAX: ---	Carcinogen	---	0.014 (37)	31,200	(2) (29) (37) (2) (29) (37) PP PP	nd, not determined	0.1 _v
Aroclor 1221 ' ' PCB 1221 ' PCB-1221 ' Arochlor 1221 ' Chlorodiphenyl (21% Cl) ' Polychlorinated Biphenyl (Aroclor 1221)	11104282 or 11104-28-2 NIOSH: TQ 1352000 SAX: PJM000	Carcinogen	---	0.014 (37)	31,200	(2) (29) (37) (2) (29) (37) PP PP	nd, not determined	0.1 _v
Aroclor 1232 ' ' PCB 1232 ' PCB-1232 ' Arochlor 1232 ' Chlorodiphenyl (32% Cl) ' Polychlorinated Biphenyl (Aroclor 1232)	11141165 or 11141-16-5 NIOSH: TQ 1354000 SAX: PJM250	Carcinogen	---	0.014 (37)	31,200	(2) (29) (37) (2) (29) (37) PP PP	nd, not determined	0.1 _v
Aroclor 1242 ' ' PCB 1242 ' PCB-1242 ' Arochlor 1242 ' Chlorodiphenyl	53469219 or 53469-21-9 NIOSH: 1356000 SAX: PJM500	Carcinogen	---	0.014 (37)	31,200	(2) (29) (37) (2) (29) (37) PP PP	0.065	0.1 _v

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			Acute (3)	Chronic (4)					
(42% Cl) ' Polychlorinated Biphenyl (Aroclor 1242)						PP	PP		
Aroclor 1248 ' ' PCB 1248 ' PCB-1248 ' Arochlor 1248 ' Chlorodiphenyl (48% Cl) ' Polychlorinated Biphenyl (Aroclor 1248)	12672296 or 12672-29-6 NIOSH: TQ 1358000 SAX: PJM750	Carcinogen	---	0.014 (37)	31,200	(2) (29) (37) √(2) (29) (37)	nd, not determined	0.1	
Aroclor 1254 ' ' PCB 1254 ' PCB-1254 ' Arochlor 1254 ' Chlorodiphenyl (54% Cl) ' Polychlorinated Biphenyl (Aroclor 1254) ' NCI C02664	11097691 or 11097-69-1 NIOSH: TQ 1360000 SAX: PJN000	Carcinogen	---	0.014 (37)	31,200	(2) (29) (37) √(2) (29) (37)	nd, not determined	0.1	
Aroclor 1260 ' ' PCB 1260 ' PCB-1260 ' Clophen A60 ' Arochlor 1260 ' Phenoclor DP6 ' Chlorodiphenyl (60% Cl) ' Polychlorinated Biphenyl (Aroclor 1260)	11096825 or 11096-82-5 NIOSH: TQ 1362000 SAX: PJN250	Carcinogen	---	0.014 (37)	31,200	(2) (29) (37) √(2) (29) (37)	N/A nd, not determined	0.1	
Aroclor 1262 ' ' PCB 1262 ' PCB-1262 ' Arochlor 1262 ' Chlorodiphenyl (62% Cl) ' Polychlorinated Biphenyl (Aroclor 1262)	37324235 or 37324-23-5 NIOSH: TQ 1364000 SAX: PJN500	Carcinogen	---	0.014 (37)	31,200	(2) (29) (37) √(2) (29) (37)	N/A	0.1	
Aroclor 1268 ' ' PCB 1268 ' PCB-1268 ' Arochlor 1268 ' Chlorodiphenyl (68% Cl) ' Polychlorinated Biphenyl (Aroclor 1268)	11100144 or 11100-14-4 NIOSH: TQ 1366000 SAX: PJN750	Carcinogen	---	0.014 (37)	31,200	(2) (29) (37) √(2) (29) (37)	N/A	0.1	
Aroclor 2565 ' ' PCB 2565 ' PCB-2565 ' Arochlor 2565 ' Polychlorinated	37324246 or 37324-24-6 NIOSH: TQ 1368000 SAX: PJO000	Carcinogen	---	0.014 (37)	31,200	(2) (29) (37) √(2) (29) (37)	N/A	1	

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			Acute (3)	Chronic (4)					
Biphenyl (Aroclor 2565)						PP	PP		
Aroclor 4465 '' PCB 4465 ' PCB-4465 ' Aroclor 4465 ' Polychlorinated Biphenyl (Aroclor 4465)	11120299 or 11120-29-9 NIOSH: TQ 1370000 SAX: PJO250	Carcinogen	---	0.014 (37)	31,200	(2) (29) (37)	(2) (29) (37)	N/A	1
Polychlorinated Biphenyl (Kanechlor 300) '' --- ' Kanechlor 300	37353632 or 37353-63-2 NIOSH: TQ 1372000 SAX: PJO500	Carcinogen	---	0.014 (37)	31,200	0.000064 (2) (29) (37)	0.000064 (2) (29) (37)	N/A	1
Polychlorinated Biphenyl (Kanechlor 400) '' --- ' Kanechlor 400 ' KC-400	12737870 or 12737-87-0 NIOSH: TQ 1374000 SAX: PJO750	Carcinogen	---	0.014 (37)	31,200	0.000064 (2) (29) (37)	0.000064 (2) (29) (37)	N/A	1
Polychlorinated Biphenyl (Kanechlor 500) '' --- ' Kanechlor 500 ' KC-500	37317412 or 37317-41-2 NIOSH: TQ 1376000 SAX: PJP000	Carcinogen	---	0.014 (37)	31,200	0.000064 (2) (29) (37)	0.000064 (2) (29) (37)	N/A	1
Polychlorinated Biphenyls, mixed '' PCB's ' Aroclor ' Clophen ' Chlorextol ' Chlorinated Biphenyl ' Chlorinated Diphenyl ' Chlorinated Diphenylene ' Chloro Biphenyl ' Chloro-1,1- Biphenyl ' Clophen ' Dykanol ' Fenclor ' Inerteen ' Kanechlor ' Montar ' Noflamol ' PCB (DOT) ' Pheno-chlor ' Polychlorobiphenyl ' Pyralene ' Pyranol ' Santotherm ' Sovol ' Therminol FR-1	1336363 or 1336-36-3 NIOSH: TQ 1350000 SAX: PJJ750	Carcinogen	---	0.014 (37)	31,200	0.000064 (2) (29) (37)	0.000064 (2) (29)	N/A	1
Arsenic, inorganic (9) '' As	7440382 or 7440-38-2 NIOSH: CG 0525000	Carcinogen	340 (42)	150 (42)	44	0.018 (2)	0.14	N/A	0.5

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			Acute (3)	Chronic (4)				
' Arsenicals ' Arsenic-75 ' Arsenic Black ' Colloidal Arsenic ' Grey Arsenic ' Metallic Arsenic	SAX: ARA750		PP	PP				
Asbestos, Chrysotile ' --- ' 7-45 Asbestos ' Asbestos (ACGIH) ' Asbestos, White Dot ' Avibest C ' Calidria RG 100 ' Calidria RG 144 ' Calidria RG 600 ' Cassir AK ' Chrysotile Asbestos ' Chrysotile (DOT) ' Hooker Number 1 Chrysotile Asbestos ' Metaxite ' NCI C61223A ' Plastibest 20 ' Serpentine ' Serpentine Chrysotile ' Sylodex ' White Asbestos	12001295 or 12001-29-5 NIOSH: CI 6478500 SAX: ARM268	Carcinogen	---	---	---	MCL 7,000,000 fibers/liter	N/A	---
Asbestos, Actinolite ' --- ' Asbestos (ACGIH) ' Actinolite Asbestos	77536664 or 77536-66-4 NIOSH: CI 6476000 SAX: ARM260	Carcinogen	---	---	---	MCL 7,000,000 fibers/liter	N/A	---
Asbestos, Amosite ' --- ' Amosite Asbestos ' Asbestos (ACGIH) ' Misorite ' NCI C60253A	12172735 or 12172-73-5 NIOSH: CI 6477000 SAX: ARM262	Carcinogen	---	---	---	MCL 7,000,000 fibers/liter	N/A	---
Asbestos, Anthophyllite ' --- ' Anthophyllite ' Asbestos (ACGIH) ' Azbolen Asbestos ' Ferroanthophyllite	77536675 or 77536-67-5 NIOSH: CI 6478000 SAX: ARM264	Carcinogen	---	---	---	MCL 7,000,000 fibers/liter	N/A	---
Asbestos ' ---	1332214 or 1332-21-4 NIOSH: CI 6475000	Carcinogen	---	---	---	MCL 7,000,000 fibers/liter	N/A	---

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			Acute (3)	Chronic (4)					
' Amianthus ' Amosite (Obs.) ' Amphibole ' Asbestos Fiber ' Fibrous Grunerite ' NCI C08991 ' Serpentine	SAX: ARM 250					MCL			
Asbestos, Crocidolite ' ' ' ' ' Amorphous Crocidolite Asbestos ' Asbestos (ACGIH) ' Blue Asbestos (DOT) ' Crocidolite Asbestos ' NCI C09007 ' Crocidolite (DOT) ' Fibrous Crocidolite Asbestos	12001284 or 12001-28-4 NIOSH: CI 6479000 SAX: ARM275	Carcinogen	---	---	---	7,000,000 fibers/liter		N/A	---
Asbestos, Tremolite ' ' ' ' ' Asbestos (ACGIH) ' Fibrous Tremolite ' NCI C08991 ' Tremolite Asbestos	77536686 or 77536-68-6 NIOSH: 6560000 SAX: ARM280	Carcinogen	---	---	---	7,000,000 fibers/liter		N/A	---
Atrazine ' ' ' ' ' Aatrex ' Aktikon ' Atrazine ' Atred ' Candex ' Crisatrina ' Crisazine ' Cyazin ' Fenamin ' Fenamine ' Zeaphos ' Fenatrol ' Gesaprim ' Hungazin ' Inakor ' Primatol ' Malermais ' Radazin ' Radizine ' Shell Atrazine herbicide ' Strazine ' Triazine A 1294 ' Vectal ' Weedex A ' Wonuk ' Zeazin ' Zeazine ' SHA 080803 ' 1-Chloro-3-Ethylamino-5-Isopropylamino-2,4,6-Triazine ' s-Triazine, 2-Chloro-4-Ethylamino-6-Isopropylamino- ' 2-Chloro-4-Ethylamino-6-Isopropylamino-s-Triazine ' 6-Chloro-N-Ethyl-N'-(1-Methylethyl)-1,3,5-Triazine-2,4-Diamine	1912249 or 1912-24-9 NIOSH: XY 5600000 SAX: PMC325	Toxic	---	---	---	3 3	0.1	0.3	

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			Acute (3)	Chronic (4)					
Barium (9) ' ' Ba	7440393 or 7440-39-3 NIOSH: CA 8370000 SAX: BAH250	Toxic	---	---	---	1,000 (43) NPP	---	2	0.3
Bentazon Methyl ' ' --- ' Basagran	50723803 or 50723-80-3 25057890 or 25057-89-0	Toxic	---	---	---	200	200	---	3
Benzene ' ' --- ' Phene ' Benzol ' Benzolene ' Pyrobenzol ' Carbon Oil ' SHA 109301 ' Coal Naphtha ' Motor Benzol ' Phenyl hydride ' Cyclohexatriene ' Caswell Number 077 ' RCRA Waste Number U019 ' EPA Pesticide Chemical Code 008801 ' NCI C55276	71432 or 71-43-2 NIOSH: CY 1400000 SAX: BBL250	Carcinogen	---	---	5.2	0.58-2.1 (29)	16-58 (29)	N/A	1
Benzidine ' ' --- ' p,p'-Bianiline ' 4,4'-Bianiline ' 4,4'-Biphenyldiamine ' p,p'-Diaminobiphenyl ' 4,4'-Diaminodiphenyl ' RCRA Waste Number U021 ' 4,4'-Biphenylenediamine ' 4,4'-Diphenylenediamine ' Biphenyl, 4,4'-Diamino- ' 4,4'-Diamino-1,1'-Biphenyl ' (1,1'-Biphenyl)-4,4'-Diamine ' NCI C03361	92875 or 92-87-5 NIOSH: DC 9625000 SAX: BBX000	Carcinogen	---	---	87.5	0.00014 (2) (29)	0.011 (2) (29)	N/A	
Benzo[a]anthracene (PAH) ' ' --- ' Tetraphene ' Benzoanthracene ' Benzoanthracene ' Naphthanthracene	56553 or 56-55-3 NIOSH: CV 9275000 SAX: BBC250	Carcinogen	---	---	30	0.0012 (2) (29)	0.0013 (2) (29)	N/A	10

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			Acute (3)	Chronic (4)					
' 1,2-Benzanthrene ' Benzo(a)Anthracene ' ' Benzo[a]Anthracene ' Benzo(a)Anthracene ' ' 1,2-Benzanthracene ' Benzo(b)Phenanthrene ' 1,2- Benzoanthracene ' Benzanthracene, 1,2- ' 1,2-Benz(a)Anthracene ' ' 2,3-Benzophenanthrene ' RCRA Waste Number U018						PP	PP		
Benzo[b]Fluoranthene (PAH) ' --- ' B(b)F ' Benzo(b)Fluoranthene ' ' Benzo(e)Fluoranthene ' Benzo[e]Fluoranthene ' ' 2,3-Benzfluoranthene ' 3,4-Benzfluoranthene ' ' 3,4-Benzofluoranthene ' 2,3-Benzofluoranthene ' 2,3-Benzofluoranthrene ' Benz(e)Acephenanthrylene ' Benz[e]Acephenanthrylene ' 3,4- Benz(e)Acephenanthrylene	205992 or 205-99-2 NIOSH: CU 1400000 SAX: BAW250	Carcinogen	---	---	30	0.0012 (2) (29)	0.0013 (2) (29)	N/A	10
Benzo[k]Fluoranthene (PAH) ' --- ' Benzo(k)Fluoranthene ' 8,9-Benzofluoranthene ' ' Dibenzo(b,jk)Fluorene ' 2,3,1'8'-Binaphthylene ' 11,12-Benzofluoranthene ' 11,12-Benzo(k)Fluoranthene	207089 or 207-08-9 NIOSH: DF 6350000 SAX: BCJ750	Carcinogen	---	---	30	0.012 (2) (29)	0.013 (2) (29)	N/A	10
Benzo(g,h,i)perylene (PAH) ' ' 1,12-Benzoperylene ' ' 1,12-Benzperylene ' Benzo(ghi)Perylene	191242 or 191-24-2 NIOSH: DI 6200500 SAX: BCR000	Toxic	---	---	30	---	---	0.076	10
Benzo[a]Pyrene (PAH) ' ---	50328 or 50-32-8 NIOSH: DJ 3675000	Carcinogen	---	---	30	0.00012 (2) (29)	0.00013 (2) (29)	N/A	10

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FORT PECK RESERVATION WATER QUALITY CRITERIA TABLE

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			Acute (3)	Chronic (4)				
' BaP ' 3,4-BP ' Benz(a)Pyrene ' Benzo-a-Pyrene ' 3,4-Benzopyrene ' 6,7-Benzopyrene ' 3,4-Benzopyrene ' 3,4-Benz(a)Pyrene ' Benzo(d,e,f)Chrysene ' Benzo(def)Chrysene	SAX: BCS750					PP PP		
Beryllium (9) ' Be ' Beryllium-9 ' Glucinum ' RCRA Waste Number P015	7440417 or 7440-41-7 NIOSH: DS 1750000 SAX: BFO750	Carcinogen	---	---	19	4 MCL	N/A	0.2
Beta-Chloronaphthalene ' 2-Chloronaphthalene ' β-Chloronaphthalene ' Naphthalene, 2-Chloro- ' RCRA Waste Number U047	91587 or 91-58-7 NIOSH: QJ 2275000 SAX: CJA000	Toxic	---	---	202	800 (2) PP 1,000 (2) PP	0.94	10
Beta Emitters (10) ' --- ' Gross Beta	12587472 or 12587-47-2 NIOSH: --- SAX: ---	Carcinogen / Radioactive	---	---	---	4 mrem/yr MCL 4 mrem/yr MCL	N/A	---
Bis(2-Chloroethoxy)Methane ' --- ' Bis(β-Chloroethyl)Formal	111911 or 111-91-1 NIOSH: PA 3675000 SAX: BID750	Toxic	---	---	0.64	---	0.5	10
Bis(2-Chloroisopropyl) Ether ' --- ' DCIP ' NCI C50044 ' RCRA Waste Number U027 ' Dichlorodisopropyl Ether ' 2,2'-Oxybis(1-Chloropropane) ' Bis(2-Chloroisopropyl) ether ' Propane, 2,2'-Oxybis(2-Chloro- ' Propane, 2,2'-Oxybis[1-Chloro- ' 2,2'-Dichlorodisopropyl Ether	108601 or 108-60-1 (changed from 3963829) NIOSH: KN 1750000 SAX: BII250	Toxic	---	---	2.47	200 (2) 4,000 (2)	0.8	10

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			Acute (3)	Chronic (4)					
' Dichlorodisopropyl Ether (DOT) ' Bis(2-Chloro-1-Methylethyl) Ether						PP	PP		
Bis(Chloroethyl)Ether ' --- ' BCEE ' DCEE ' Clorex ' Chlorex ' Chloroethyl Ether ' Dichloroethyl Ether ' Dichloroethyl Oxide ' RCRA Waste Number U025 ' Bis(Chloroethyl) Ether ' Di(2-Chloroethyl) Ether ' Bis (Chloroethyl) Ether ' Bis(2-Chloroethyl) Ether ' Bis(β-Chloroethyl) Ether ' β,β'-Dichloroethyl Ether ' 2,2'-Dichloroethyl Ether ' Bis (2-Chloroethyl) Ether ' 1,1'-Oxybis(2- Chloro)Ethane ' Ethane, 1,1'-Oxybis[2-Chloro- beta,beta'-Dichloroethyl Ether ' 1-Chloro-2-(beta- Chloroethoxy)Ethane	111444 or 111-44-4 NIOSH: KN 0875000 SAX: BIC750	Carcinogen	---	---	6.9	0.030 (2) (29)	2.2 (2) (29)	N/A	10
Bis(Chloromethyl)Ether ' ' --- ' BCME ' bis-CME ' Chloromethyl Ether ' Oxybis(Chloromethane) ' RCRA Waste Number P016 ' Bis (Chloromethyl) Ether ' sym-Dichlorodimethyl Ether ' 1,1'- Dichlorodimethyl Ether ' Dimethyl-1,1'- Dichloroether ' Chloro(Chloromethoxy)Methane	542881 or 542-88-1 NIOSH: 1575000 SAX: BIK000	Carcinogen	---	---	63	0.00015 (2) (12)	0.017 (2) (12)	N/A	
Bromodichloromethane (HM) ' ' --- ' BDCM ' NCI C55243 ' Dichlorobromomethane ' Methane, bromodichloro- ' Dichloromonobromomethane '	75274 or 75-27-4 NIOSH: PA 5310000 SAX: BND500	Carcinogen	---	---	3.75	0.95 (29)	27 (29)	N/A	1

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			Acute (3)	Chronic (4)					
Monobromodichloromethane						PP	PP		
p-Bromodiphenyl Ether ' ' --- ' p-Bromodiphenyl Ether ' 4- Bromophenoxybenzene ' 4-Bromodiphenyl Ether ' 1-Bromo-4-Phenoxybenzene ' p- Bromophenylphenyl Ether ' 4-Bromophenyl Phenyl Ether ' Benzene, 1-Bromo-4-Phenoxy-	101553 or 101-55-3 NIOSH: --- SAX: ---	Toxic with BCF >300	---	---	1,640	---	---	---	10
Bromoform (HM) ' ' Tribromomethane ' NCI C55130 ' Methane, Tribromo- ' Methylene Tribromide ' RCRA Waste Number U225	75252 or 75-25-2 NIOSH: PB 5600000 SAX: BNL000	Carcinogen	---	---	3.75	7.0 (29)	120 (29)	N/A	4
Bromomethane (HM) ' ' Methyl Bromide ' EDCO ' Celfume ' Dowfume ' Methogas ' SHA 053201 ' Brom-O-Sol ' Brom-O-Gas ' Terr-O-Gas ' Halon 1001 ' Terr-O-Cide ' Bromo-O-Gas ' Bromo Methane ' Methylbromide ' Methyl Bromide ' Methane, Bromo- ' Monobromomethane ' RCRA Waste Number U029	74839 or 74-83-9 NIOSH: PA 4900000 SAX: BNM500	Toxic	---	---	3.75	100 (29)	10,000 (29)	0.11	4
Butyl Benzyl Phthalate W ' ' --- ' BBP ' Sicol 160 ' Unimoll BB ' Palatinol BB ' Santicizer 160 ' Butylbenzylphthalate ' Butylbenzyl Phthalate ' Benzyl Butyl Phthalate ' n-Benzyl Butyl Phthalate	85687 or 85-68-7 NIOSH: TH 9990000 SAX: BEC500	Carcinogen	---	---	414	0.10 (2)	0.10 (2)	N/A	10

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			Acute (3)	Chronic (4)					
' Benzyl n-Butyl Phthalate ' Phthalic Acid, Benzyl Butyl Ester ' Butyl Phenylmethyl 1,2-Benzenedicarboxylate ' 1,2-Benzenedicarboxylic Acid, Butyl Phenylmethyl Ester ' NCI C54375						PP	PP		
Cadmium (9) ' Cd ' C.I. 77180 ' Colloidal Cadmium	7440439 or 7440-43-9 NIOSH: EU 9800000 SAX: CAD000	Toxic	0.49 @ 25 mg/L hardness (12) PP	0.25 @ 25 mg/L hardness (12) PP	64	5 (41) MCL		0.1	0.08
Carbofuran ' Yaltox ' Euradan ' Furadan ' Curaterr ' Furacarb ' SHA 090601 ' Niagra 10242 ' 2,2-Dimethyl-7-Coumaranyl N-Methylcarbamate ' 2,2-Dimethyl-2,3-Dihydro-7-Benzofuranyl N-Methylcarbamate ' Carbamic Acid, Methyl-, 2,3-Dihydro-2,2-Dimethyl-7-Benzofuranyl Ester	1563662 or 1563-66-2 NIOSH: FB 9450000 SAX: FPE000	Toxic	---	---	---	40	40	1	1
Carbon Tetrachloride ' R 10 ' Univerm ' Freon 10 ' Tetrasol ' Fasciolin ' Flukoids ' Necatorina ' Necatorine ' Halon 104 ' Tetraform ' Carbon Tet ' Benzinoform ' Carbon Chloride ' Perchloromethane ' Tetrachloromethane ' Methane Tetrachloroide ' RCRA Waste Number U211	56235 or 56-23-5 NIOSH: FG 4900000 SAX: CBY000	Carcinogen	---	---	18.75	0.4 (29)	5 (29)	N/A	1

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			Acute (3)	Chronic (4)				
Cesium (10) ' ' Cs	Cesium 134 13967709 or 13967-70-9 NIOSH: --- SAX: ---	Carcinogen / Radioactive	---	---	---	4 mrem ede/yr	N/A	---
Cesium (10) ' ' Cs	Cesium 137 10045973 or 10045-97-3 NIOSH: --- SAX: ---	Carcinogen / Radioactive	---	---	---	4 mrem ede/yr	N/A	---
Cesium (10) ' ' Cs	Cesium 137 12587472 or 12587-47-2 NIOSH: --- SAX: ---	Carcinogen / Radioactive	---	---	---	4 mrem ede/yr	N/A	---
Cesium (10) ' ' Cs	Cesium 144 --- NIOSH: --- SAX: ---	Carcinogen / Radioactive	---	---	---	4 mrem ede/yr	N/A	---
Chlordane ' ' --- ' Belt ' Niran ' Dowchlor ' Chlortox ' Chlordan ' Clordano ' Chlor Kil ' Toxiclor ' Octa-Klor ' Ortho-Klor ' SHA 058201 ' Gold Crest C-100 ' Chlordane, Technical ' RCRA Waste Number U036 ' Octachloro-4,7-Methanohydroindane ' Octachlorodihydrocyclopentadiene ' 1,2,4,5,6,7,8,8-Octachloro-3a,4,7,7a-Hexahydro ' Octachloro-4,7-Methanotetrahydroindane-4,7- Methylene Indane ' 4,7-Methanoindan, ' 1,2,4,5,6,7,8,8-Octachloro-3a,4,7,7a-tetrahydro-	57749 or 57-74-9 NIOSH: PB 9800000 SAX: CDR750	Carcinogen	1.2 (44)	0.0043 (44)	14,100	0.00031 (2) (29) 0.00032 (2) (29)	N/A	0.50

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			Acute (3)	Chronic (4)					
1,2,4,5,6,7,8,8-Octachloro-2,3,3a,4,7,7a-Hexahydro-4,7-Methano-Indene ' 4,7-Methano-1H-Indene 1,2,4,5,6,7,8,8-Octachloro-2,3,3a,4,7,7a-Hexahydro-			PP	PP		PP	PP		
alpha-Chlordane ' ' --- ' α-Chlordane ' cis-Chlordan ' cis-Chlordane ' α(cis)-Chlordane ' Chlordane, cis-Isomer	5103719 or 5103-71-9 NIOSH: PB 9705000 SAX: CDR675	Carcinogen	2.4	0.0043	14,100	0.00080	0.0008	N/A	0.006
gamma-Chlordane ' ' --- ' Chlordane, beta-Isomer	5103742 or 5103-74-2 NIOSH: --- SAX: ---	Carcinogen	2.4	0.0043	14,100	0.00080	0.00080	N/A	0.4
trans-Nonachlor (Chlordane component) ' ' --- ' Chlordane, trans-Isomer	39765805 or 39765-80-5 NIOSH: --- SAX: ---	Carcinogen	2.4	0.0043	14,100	0.00080	0.00080	N/A	0.1
Chloride ' ' ---	16887006 or 16887-00-6 NIOSH: --- SAX: ---	Narrative (18)	860,000	230,000	---	---	---	N/A	1.00 mg/L
Chlorimuron Ethyl ' ' Classic '	90982324 or 90982-32-4	Toxic	---	---	---	700	700	0.1	---
Chlorine, total residual ' ' Cl ' Bertholite ' Chlorine, molecular ' Molecular Chlorine	7782505 or 7782-50-5 NIOSH: FO 2100000 SAX: CDV750	Toxic	19	11	---	(17)	(17)	---	---
p-Chloro-m-Cresol	59507 or 59-50-7	Harmful	---	---	---	500	2,000	N/A	10

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			Acute (3)	Chronic (4)					
' PCMC ' Parol ' Aptal ' Baktol ' Baktolan ' Ottafact ' Raschit ' Rasen-Anicon ' Parnetol ' Candasetpic ' Chlorocresol ' Preventol CMK ' RCRA Waste Number U039 ' Parachlorometra Cresol ' 4-Chloro-3-methylphenol ' 2-Chloro-Hydroxytoluene ' Phenol, 4-Chloro-3-methyl- ' Chlorophenol, 4-, methyl, 3-	NIOSH: GO 7100000 SAX: CFE250	Organoleptic				(31) (31)			
Chlorobenzene ' Monochlorobenzene ' MCB ' Chlorobenzol ' Chlorobenzene ' Phenyl Chloride ' Benzene Chloride ' Benzene, Chloro- ' Monochlorobenzene ' RCRA Waste Number U037 ' NCI C54886	108907 or 108-90-7 NIOSH: CZ 0175000 SAX: BBM750	Toxic Organoleptic			10.3	100 39(40) 800 (46) (20)(39) (40)	0.5	1	
2-ChloroethylVinyl Ether ' --- ' (2-Chloroethoxy)Ethene ' RCRA Waste Number U042 ' Vinyl B-Chloroethyl Ether ' Vinyl 2-Chloroethyl Ether	110758 or 110-75-8 NIOSH: KN 6300000 SAX: CH1250	Carcinogen	---	---	0.557	--- ---	N/A		
Chloroform (HM) ' Trichloromethane ' TCM ' Freon 20 ' Trichloroform ' R-20 Refrigerant ' Methenyl Chloride ' Formyl Trichloride ' Methyl Trichloride ' Methane Trichloride ' Methane, Trichloro- ' Methenyl Trichloride ' RCRA Waste Number U044 ' NCI CO2686	67663 or 67-66-3 NIOSH: FS 9100000 SAX: CHJ500	Carcinogen	---	---	3.75	60 (2) (29) 2,000 (2) (29)	N/A	2	

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Pollutant Element / Chemical Compound or Condition	CASRN, NIOSH and SAX Numbers (25) (26) (27)	Category (1)(2)	Aquatic Life Standards (6)		Bioconcentration Factor (BCF) (5)(29)	Human Health Standards (17) (19) Water + Organism Organism Only		Trigger Value (22)(31)	Required Reporting Value (19) (31)
			Acute (3)	Chronic (4)					
Chloroethane ' '--- ' Aethylis ' Aethylis Chloridum ' Anodynon ' Chelen ' Chlorethyl ' Chloridum ' Chloroethane ' Chloryl ' Chloryl Anesthetic ' Ethyl Chloride ' Ether Chloratus ' Ether Hydrochloric ' Ether Muriatic ' Hydrochloric Ether ' Kelene ' Monochloroethane ' Muriatic Ether ' Narcotile ' NCI C06224	75003 or 75-00-3 NIOSH: KH 7525000 SAX: EHH000	Toxic	---	---	---	---	---	0.52	---
2-Chlorophenol ' '--- ' o-Chlorophenol ' Chlorophenol, 2- ' Phenol, 2-Chloro- ' Phenol, o-Chloro- ' RCRA Waste Number U048	95578 or 95-57-8 NIOSH: SK 2625000 SAX: CJK250	Toxic Organoleptic	---	---	134	30 (21)(29)	800 (21)(29)	N/A	10
3-Chlorophenol, 4 Chlorophenol	--106489	Harmful Organoleptic	---	---	---	0.1 (21)	PP	PP	---
4-Chlorophenyl Phenyl Ether ' '--- '	7005723 or 7005-72-3 NIOSH: --- SAX: ---	Toxic, with BCF >300	---	---	1,200	---	---	N/A	10
Chlorpyrifos ' '--- ' Ethion ' Brodan ' Eradex ' Dursban ' Lorsban ' Pyrinex ' NA 2783	2921882 or 2921-88-2 NIOSH: TF 6300000 SAX: DYE000	Toxic	0.083	0.041	---	---	---	---	---

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FORT PECK RESERVATION WATER QUALITY CRITERIA TABLE

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			Acute (3)	Chronic (4)				
' Piridane ' DowCo 179 ' SHA 059101 ' ' Ethion, dry ' Chlorothalonil ' Chlorpyrifos-Ethyl ' O,O-Diethyl O-3,5,6- Trichloro-2-Pyridyl Phosphorothioate ' Phosphorothioic Acid, O,O-Diethyl O-(3,5,6- Trichloro-2-Pyridyl) Ester 1								
Chromium (9) ' ' Cr ' Chrome	7440473 or 7440-47-3 NIOSH: GB 4200000 SAX: CMI750	Toxic	---	---	---	100 (41) MCL	100 (41) MCL	1 0.5
Chromium, trivalent (9) ' ' Chromium (III)	16065831 or 16065-83-1 NIOSH: --- SAX: ---	Toxic	579 @ 25 mg/L hardness (12) PP	27.7 @ 25 mg/L hardness (12) PP	16	Total	---	1
Chromium, hexavalent (9) ' ' Chromium (VI)	18540299 or 18540-29-9 NIOSH: --- SAX: ---	Toxic	16	11	16	Total	---	0.01 mg/L
Chlorsulfuron ' ' Glean ' ' Telar	64902723 or 64902-72-3	Toxic	---	---	---	350	1750	---
Chrysene (PAH) ' ' --- ' Benz(a)Phenanthrene ' Benzo(a)Phenanthrene ' 1,2-Benzphenanthrene ' 1,2-Benzophenanthrene ' RCRA Waste Number U050 ' 1,2,5,6-Dibenzonaphthalene	218019 or 218-01-9 NIOSH: GC0700000 SAX: CML810	Carcinogen	---	---	30	0.12 (2) (29) PP	0.13 (2) (29) PP	N/A 10
Coliform, fecal (13) (18)	N/A	Narrative	---	---	---	---	Surface	Surface 1 per

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FORT PECK RESERVATION WATER QUALITY CRITERIA TABLE

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			Acute (3)	Chronic (4)					
		Surface Toxic Ground					1 per 100mL, Ground	1 per 100mL, Ground	100mL, Surface 1 per 100mL, Ground
Color (13)	---	Harmful	---	---	---	---	---NPP narrative	---NPP narrative	5 UNITS
Conductance, specific (21)	N/A	Narrative	---	---	---	---	--- narrative	--- narrative	---
Copper (9) ' ' Cu ' Allbri Natural Copper ' ANAC 110 ' Arwood Copper ' Bronze Powder ' CDA 101 ' CDA 102 ' CDA 110 ' CDA 122 ' C.I. 77400 ' C.I. Pigment Metal 2 ' Copper Bronze ' 1721 Gold ' Gold Bronze ' Kafar Copper ' M1 (Copper) ' M2 (Copper) ' OFHC C. ' Raney Copper	7440508 or 7440-50-8 NIOSH: GL 5325000 SAX: CNI000	Toxic Organoleptic	▼ Biotic Ligand Model	▼ Biotic Ligand Model	36	1,300 (21)	0.5	1	1
Cyanazine ' ' Bladex	21725462 or 21725-46-2	Carcinogen	---	---	---	0.1	---	N/A	---
Cyanide, total ' ' --- ' Cyanide ' Isocyanide ' Cyanide Ion ' Free Cyanide ' Cyanide Anion ' Carbon Nitride Ion (CN) ' RCRA Waste Number P030 ' Cyanide,	57125 or 57-12-5 NIOSH: GS 7175000 SAX: COI500	Toxic	22	5.2	1	4 (46)	400 (36)	5	0.010 mg/L

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			Acute (3)	Chronic (4)					
weak acid dissociable (WAD) ' Cyanides, includes soluble salts and complexes			PP	PP		PP	PP		
Dalapon ' ' --- ' Dalpon ' Unipon ' Dowpon ' Radapon ' Revenge ' Basinex ' Ded-Weed ' Dalacide ' Gramevin ' Crisapon ' Dalpon Sodium ' Sodium Dalapon ' 2,2-Dichloropropionic Acid ' SHA 28902, for sodium salt ' SHA 28901, for dalapon only ' Propionic Acid, 2,2-Dichloro- ' Sodium 2,2-Dichloropropionate ' α-Dichloropropionic Acid ' α,α-Dichloropropionic Acid ' alpha-alpha-Dichloropropionic Acid	75990 or 75-99-0 NIOSH: UF 0690000 SAX: DG1400	Toxic	---	---	---	200	200	1.3	3
Dalapon, sodium salt ' ' --- ' Dalpon ' Unipon ' Dowpon ' Radapon ' Revenge ' Basinex ' Ded-Weed ' Dalacide ' Gramevin ' Crisapon ' Dalpon Sodium ' Sodium Dalapon ' 2,2-Dichloropropionic Acid ' SHA 28902, for sodium salt ' SHA 28901, for dalapon only ' Propionic Acid, 2,2-Dichloro- ' Sodium 2,2-Dichloropropionate ' alpha-alpha-Dichloropropionic Acid	127208 or 127-20-8 NIOSH: UF 1225000 SAX: DG1600	Toxic	---	---	---	200	200	1.3	3

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			Acute (3)	Chronic (4)				
Diazinon	333415 or 333-41-5 NIOSH: TF 3325000 SAX:	Toxic	0.17 NPP	0.17 PP	---	1 HA PP	0.25	
Demeton ' ' --- ' Systox ' Bay 10756 ' Bayer 8169 ' Demox ' Diethoxy Thiophosphoric Acid Ester of 2-Ethylmercaptoethanol ' O,O-Diethyl 2-Ethylmercaptoethyl Thiophosphate ' O,O-Diethyl O(and S)-2-(Ethyl-Thio)Ethyl Phosphorothioate Mixture ' E 1059 ' ENT 17,295 ' Mercaptophos ' Systemox ' Systox ' ULV ' Demeton-O + Demeton-S	8065483 or 8065-48-3 NIOSH: TF 3150000 SAX: DAO600	Toxic	---	0.1 (45) NPP	---	0.3 (45) HA PP	0.25	
Di(2-Ethylhexyl)Adipate ' ' Hexanedioic Acid ' DEHA ' BEHA ' Bisoflex DOA ' Effemoll DOA ' Ergoplast AdDO ' Flexol A 26 ' PX-238 ' Reomol DOA ' Vestinol OA ' Wickenol 158 ' Kodaflex DOA ' Monoplex DOA ' NCI C54386 ' Octyl Adipate ' Dioctyl Adipate ' Di-2-Ethylhexyl Adipate ' Di(2-Ethylhexyl) Adipate ' Bis(2-Ethylhexyl) Adipate ' Adipic Acid, Bis(2-Ethylhexyl) Ester ' Hexanedioic Acid, Bis(2-Ethylhexyl) Ester	103231 or 103-23-1 NIOSH: AU 9700000 SAX: AEO000	Carcinogen	---	---	---	280 300 HA	N/A	6
Di(2-Ethylhexyl)Phthalate (PAE) ' ' Bis(2-Ethylhexyl)Phthalate	117817 or 117-81-7 NIOSH: TI 0350000	Carcinogen	---	---	130	0.37 (2) (29) 0.37 (2) (29)	N/A	10

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			Acute (3)	Chronic (4)					
' BEHP ' DEHP ' Octoil ' Fleximel ' Flexol DOP ' Kodaflex DOP ' Ethylhexyl Phthalate ' Diethylhexyl Phthalate ' 2-Ethylhexyl Phthalate ' Di(Ethylhexyl)phthalate ' Di(2-Ethylhexyl)phthalate ' Bis (2-Ethylhexyl) Phthalate ' Bis(2-Ethylhexyl)-1,2-Benzene-Dicarboxylate ' 1,2-Benzenedicarboxylic Acid, Bis(2-Ethylhexyl)Ester	SAX: BJS000					PP	PP		
n-Dioctyl Phthalate ' --- ' DNOP ' PX-138 ' Vinicizer 85 ' Dinopol NOP ' n-Octyl Phthalate ' Octyl Phthalate ' Dioctyl Phthalate ' Di-n-Octyl Phthalate ' Di-sec-Octyl Phthalate ' RCRA Waste Number U107 ' 1,2-Benzenedicarboxylic Acid, Dioctyl Ester	117840 or 117-84-0 NIOSH: TI 1925000 SAX: DVL600	Carcinogen	---	---	---			N/A	10
Dibenz[a,h]Anthracene (PAH) ' --- ' DBA ' DB(a,h)A ' Dibenz(a,h)Anthracene ' RCRA Waste Number U063 ' Dibenzo(a,h)anthracene ' 1,2,5,6-Benzanthracene ' Dibenzo (a,h) Anthracene ' 1,2,5,6-Dibenzanthracene ' 1,2,5,6-Dibenz(a)Anthracene	53703 or 53-70-3 NIOSH: HN 2625000 SAX: DCT400	Carcinogen	---	---	30	0.00012 (2) (29)	0.00013 (2) (29)	N/A	10
1,2-Dibromo-3-Chloropropane ' --- ' DBCP ' Fumagon ' Fumazone ' NCI C00500 ' Nemabrom ' Nemaflume	96128 or 96-12-8 NIOSH: TX 8750000 SAX: DDL800	Toxic				0.2		0.02	0.05

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			Acute (3)	Chronic (4)					
' Nemagon ' Nemagone ' Nemagone Soil Fumigant ' Nemanax ' Nemapaz ' Nemaset ' Nematocide ' Nematox ' OS 1897 ' OXY DBCP ' SD 1897 ' Caswell Number 287 ' Dibromochloropropane ' RCRA Waste Number U066 ' 1-Chloro-2,3-Dibromopropane ' Propane, 1,2- Dibromo-3-Chloro- ' EPA Pesticide Chemical Code 011301									
Dibromochloromethane (HM) ' --- ' CDBM ' NCI C55254 ' Chlorodibromomethane ' Methane, Dibromochloro- ' Dibromomonochloromethane ' Monochlorodibromomethane	124481 or 124-48-1 NIOSH: PA 6360000 SAX: CFK500	Carcinogen	---	---	3.75	0.80 (29)	21 (29)	N/A	
Dibutyl Phthalate(33) ' --- ' DPB ' Celluflex DPB ' Elaol ' Hexaplas M/B ' Palatinol C ' Polycizer DBP ' PX 104 ' Staflex DBP ' Witcizer ' SHA 028001 ' Butylphthalate ' N-Butylphthalate ' Dibutyl Phthalate ' Di-g-Butylphthalate ' Di-n-Butylphthalate ' Dibutyl-o-Phthalate ' Di-n-Butyl Phthalate ' RCRA Waste Number U069 ' Phthalic Acid Dibutyl Ester ' Dibutyl 1,2- Benzene Dicarboxylate ' 1,2-Benzenedicarboxylic Acid Dibutyl Ester ' 1,2-Benzenedicarboxylic Acid, Dibutyl Ester ' Benzene-o-Dicarboxylic Acid Di-n-	84742 or 84-74-2 NIOSH: TI 0875000 SAX: DEH200	Toxic	---	---	89	20 (2)	30 (2)	0.25	10

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			Acute (3)	Chronic (4)					
Butyl Ester									
Dicamba ' ' Banvel '	1918009 or 1918-00-9	Toxic	---	---	---	200	200	0.28	0.7
1,2-Dichlorobenzene ' ' --- ' DCB ' ODB ' ODCB ' Dizene ' Cloroben ' Chloroben ' Chloroden ' Termitkil ' Dilatin DB ' Dowtherm E ' ' Dilantin DB ' o-Dichlorobenzene ' Orthodichlorobenzene ' ortho-Dichlorobenzene ' Special Termite Fluid ' Benzene, 1,2-Dichloro- ' RCRA Waste Number U070	95501 or 95-50-1 NIOSH: CZ 4500000 SAX: DEP600	Toxic	---	---	55.6	600 (41),(46)	3,000 (41)	0.02	10
1,3-Dichlorobenzene ' ' --- ' M-Dichlorobenzene ' m-Dichlorobenzene ' meta-Dichlorobenzene ' Dichlorobenzene, 1,3- ' Benzene, 1,3-Dichloro-	541731 or 541-73-1 NIOSH: CZ 4499000 SAX: DEP699	Toxic	---	---	55.6	7	10	0.006	10
1,4-Dichlorobenzene ' ' --- ' PDB ' PDCB ' NCI C54955 ' Evola ' Paradi ' Paradow ' Persia-Perazol ' Paracide ' Parazene ' Paramoth ' Santochlor ' Paranuggets ' di-Chloricide ' Para Chrystals ' p-Dichlorobenzene ' Caswell Number 632 ' Paradichlorobenzene ' para- Dichlorobenzene ' Benzene, 1,4-Dichloro- '	106467 or 106-46-7 NIOSH: CZ 4550000 SAX: DEP800	Toxic	---	---	55.6	75 (41),(46)	900 (41)	---	10

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			Acute (3)	Chronic (4)					
Waste Number U060 ' Tetrachlorodiphenylethane ' ' Dichlorodiphenyldichloroethane ' ' Dichlorodiphenyldichloroethane ' ' Dichloroethane ' 2,2-bis(4-Chlorophenyl)-1,1-Dichloroethane ' 1,1-Dichloro-2,2-bis(p-Chlorophenyl) Ethane ' 1,1-bis(4-Chlorophenyl)-2,2-Dichloroethane ' 2,2-bis(p-Chlorophenyl)-1,1-Dichloroethane ' Benzene, 1,1'(2,2-Dichloroethylidene)Bis[4-Chloro-						PP	PP		
p,p'-Dichlorodiphenyldichloroethylene ' --- ' DDE ' p,p'-DDE ' 4,4'-DDE ' NCI C00555 ' Dichlorodiphenyldichloroethylene ' ' Dichlorodiphenyldichloroethylene, p,p'- ' 2,2'-bis(4-Chlorophenyl)-1,1-Dichloroethylene ' 1,1'-(Dichloroethenylidene)bis(4-Chlorobenzene) ' 2,2'-bis(p-Chlorophenyl)-1,1-Dichloroethylene ' Benzene, 1,1'-(Dichloroethenylidene)Bis[4-Chloro-	72559 or 72-55-9 NIOSH: KV 9450000 SAX: BIM750	Carcinogen	---	---	53,600	0.000018 (2) (29)	0.000018 (2) (29)	N/A	0.10
p,p'-Dichlorodiphenyltrichloroethane ' --- ' DDT ' 4,4'-DDT ' Agritan ' Anoflex ' ' Arkotine ' Azotox ' Bosan Supra ' Bovidermol ' Chlorophenothan ' ' Chlorophenothane ' Chlorophenotoxum ' Citox ' ' Clofenotane ' Dedelo ' ' Chlorophenothane ' ' Diphenyltrichloroethane ' Dichlorodiphenyltrichloroethane ' 4,4'- Dichlorodiphenyltrichloroethane ' Dichlorodiphenyltrichloroethane, p,p'- ' 1,1,1-	50293 or 50-29-3 NIOSH: KJ 3325000 SAX: DAD200	Carcinogen	1 (44)(48)	0.001 (44)(48)	53,600	0.000030 (2) (29)	0.000030 (2) (29)	N/A	

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			Acute (3)	Chronic (4)					
Trichloro-2,2,-bis(p-Chlorophenyl) Ethane ' 1,1,1-Trichloro-2,2,-bis(p-Chlorophenyl)Ethane ' 1,1,1-Trichloro-2,2,-Di(4-Chlorophenyl)-Ethane ' 1,1-Bis-(p-Chlorophenyl)-2,2,2-Trichloroethane ' 2,2-Bis-(p-Chlorophenyl)-1,1,1-Trichloroethane ' Benzene, 1,1'-(2,2,2-Trichloroethylidene)Bis(4-Chloro-) ' alpha.alpha-Bis(p-Chlorophenyl)-beta.beta.beta-Trichloroethane			PP	PP		PP	PP		
1,1-Dichloroethane ' ' Vinylidene Chloride ' VDC ' 1,1-DCE ' NCI C04535 ' 1,1-Dichloroethene ' Vinylidene Chloride ' 1,1-Dichloroethylene ' Ethene, 1,1-Dichloro- ' Vinylidene Dichloride ' Ethylidene Dichloride ' Dichloroethylene, 1,1- ' RCRA Waste Number U076 ' Ethylene, 1,1-Dichloro- ' Chlorinated Hydrochloric Ether	75343 or 75-34-3 NIOSH: KI 0175000 SAX: DFF809	Carcinogen	---	---	---	(46)		0.07	0.5
1,2-Dichloroethane ' ' --- ' EDC ' Brocide ' 1,2-DCE ' NCI C00511 ' Dutch Oil ' Dutch Liquid ' Dichloremlusion ' Di-Chlor-Mulsion ' 1,2-Bichlorethane ' 1,2-Dichlorethane ' Ethane Dichloride ' Ethylene Chloride ' 1,2-Bichloroethane ' Ethylene Dichloride ' Dichloroethane, 1,2- ' Ethane, 1,2-Dichloro- ' RCRA Waste Number U077 ' 1,2-Ethylene Dichloride ' alpha.beta-Dichloroethane	107062 or 107-06-2 NIOSH: KI 0525000 SAX: DFF900	Carcinogen	---	---	1.2	5 (2) (29)	650 (2) (29)	N/A	1

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FORT PECK RESERVATION WATER QUALITY CRITERIA TABLE

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Pollutant Element / Chemical Compound or Condition	CASRN, NIOSH and SAX Numbers (25) (26) (27)	Category (1) (2)	Aquatic Life Standards (6)		Bioconcentration Factor (BCF) (5) (29)	Human Health Standards (17) (19) Water + Organism Organism Only		Trigger Value (22)(31)	Required Reporting Value (19) (31)
			Acute (3)	Chronic (4)					
1,1-Dichloroethene ' ' Vinylidene Chloride ' VDC ' 1,1-DCE ' Sconatex ' NCI C54262 ' 1,1-Dichloroethane ' 1,1-Dichloroethene ' Vinylidene Chloride ' 1,1-Dichloroethylene ' Vinylidene Dichloride ' Ethene, 1,1-Dichloro- ' Vinylidene Chloride II ' RCRA Waste Number U078 ' Dichloroethylene, 1,1- ' Ethylene, 1,1-Dichloro-	75354 or 75-35-4 NIOSH: KV 9275000 SAX: DFI000	Carcinogen	---	---	5.6	MCL 7 (41),(46) 20,000	PP N/A	N/A	1
cis-1,2-Dichloroethylene ' ' --- ' 1,2-Dichloroethylene ' cis-Dichloroethylene ' cis-1,2-Dichloroethene ' 1,2,cis-Dichloroethylene ' ethylene, 1,2-Dichloro-, (z)-	156592 or 156-59-2 NIOSH: KV 9420000 SAX: DFI200	Toxic	---	---	---	MCL 70 70	PP 0.002	0.002	1
trans-1,2-Dichloroethylene ' ' --- ' trans-Dichloroethylene ' RCRA Waste Number U079 ' trans-1,2-Dichloroethane ' trans-1,2-Dichloroethene ' Dichloroethylene, trans- ' trans-Acetylene Dichloride ' 1,2-trans-Dichloroethylene ' Ethene, 1,2-Dichloro-, (E)- ' 1,2-Dichloroethylene, trans-	156605 or 156-60-5 NIOSH: KV 9400000 SAX: DFI600	Toxic	---	---	1.58	MCL 100 (39),(46) 4,000	PP PP 0.05	0.05	1
Dichloromethane (HM) ' ' Methylene Chloride ' R 30 ' DCM ' Freon 30 ' Aerothene MM '	75092 or 75-09-2 NIOSH: PA 8050000 SAX: MDR000	Carcinogen	---	---	0.9	5 (2) (29) 1,000 (2)(29)	PP N/A	N/A	1

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FORT PECK RESERVATION WATER QUALITY CRITERIA TABLE

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Pollutant Element / Chemical Compound or Condition	CASRN, NIOSH and SAX Numbers (25) (26) (27)	Category (1) (2)	Aquatic Life Standards (16)		Bioconcentration Factor (BCF) (5) (29)	Human Health Standards (17) (19) Water + Organism Organism Only		Trigger Value (22)(31)	Required Reporting Value (19) (31)
			Acute (3)	Chronic (4)					
NCI C50102 ' Solmethine ' Methylene Chloride ' Methane Dichloride ' ' Methane, Dichloro- ' 1,1-Dichloromethane ' ' Methylene Bichloride ' Methylene Dichloride						MCL _v	PP		
2,3-Dichlorophenol	576249 or 576-24-9	Harmful, Organoleptic	---	---	---	0.04 PP	PP	---	---
2,4-Dichlorophenol ' --- ' DCP ' 2,4-DCP ' NCI C55345 ' Dichlorophenol, 2,4- ' Phenol, 2,4-Dichloro- ' RCRA Waste Number U081	120832 or 120-83-2 NIOSH: SK 8575000 SAX: DFX800	Toxic _v Organoleptic	---	---	40.7	10 (2)(5)(21)	60 (2)(5)(21)	10	10
2,5-Dichlorophenol	583788 or 583-78-8	Harmful Organoleptic	---	---	---	0.5		---	---
2,6-Dichlorophenol	87650 or 87-65-0	Harmful Organoleptic	---	---	---	0.2		---	---
3,4-Dichlorophenol	95772 or 95-77-2	Harmful Organoleptic	---	---	---	0.3		---	---
2,4-Dichlorophenoxyacetic Acid ' --- ' 2,4-D ' Salvo ' Phenox ' Farmco ' Amidox ' Miracle ' Agrotect ' Weedtrol ' Herbidal ' Ded-Weed ' Lawn- Keep ' Fernimine ' Crop Rider ' Aqua-Kleen ' Dichlorophenoxyacetic Acid ' 2,4-Dichlorophenoxy Acetic Acid ' Dichlorophenoxyacetic Acid, 2,4- ' Acetic Acid, (2,4-Dichlorophenoxy)-	94757 or 94-75-7 NIOSH: AG 6825000 SAX: DFY600	Toxic _v	---	---	---	70 (43) (29)	12,000 _v	0.02	
						MCL _v			

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Pollutant Element / Chemical Compound or Condition	CASRN, NIOSH and SAX Numbers (25) (26) (27)	Category (1) (2)	Aquatic Life Standards (6)		Bioconcentration Factor (BCF) (5) (29)	Human Health Standards Water + Organism Organism Only (17) (19)	Trigger Value (22)(31)	Required Reporting Value (19) (31)
			Acute (3)	Chronic (4)				
2,4-Dichlorophenoxyacetic Acid, salts and esters								
1,2-Dichloropropane --- NCI C55141 ' Propylene Chloride ' Propylene Dichloride ' Caswell Number 324 ' Propane, 1,2-Dichloro- ' α,β-Propylene Dichloride ' alpha,beta-Dichloropropane RCRA Waste Number U083 ' EPA Pesticide Chemical Code 029002	78875 or 78-87-5 NIOSH: TX 9625000 SAX: DGF600	Carcinogen	---	---	4.11	0.90 31 MCL	---	4
1,3-Dichloropropene --- Telone II Telone ' NCI C03985 ' Vidden D ' Dichloropropene ' α-Chloroallyl Chloride γ-Chloroallyl Chloride ' Dichloropropene, 1,3- 1,3-Dichloropropylene 1,3-Dichloro-2-Propene ' Propene, 1,3-Dichloro- Telone II Soil Fumigant 3-Chloropropenyl Chloride ' alpha,gamma- Dichloropropylene	542756 or 542-75-6 NIOSH: UC 8310000 SAX: CEF750	Carcinogen	---	---	1.91	0.27 (46) PP PP	N/A	4
cis-1,3-Dichloropropene --- Telone II 1,3-Dichloropropene ' 1,3-Dichloropropylene ' (Z)-1,3-Dichloropropene cis-1,3-Dichloropropylene ' 1-Propene, 1,3- Dichloro-, (Z)-	10061015 or 10061-01-5 NIOSH: UC 8325000 SAX: DGH200	Carcinogen	---	---	1.91	3.4 HA	N/A	4
trans-1,3-Dichloropropene --- Telone II 1,3-Dichloropropene ' 1,3-Dichloropropylene '	10061026 or 10061-02-6 NIOSH: UC 8320000 SAX: DGH000	Carcinogen	---	---	1.91	2 N/A	N/A	4

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Pollutant Element / Chemical Compound or Condition	CASRN, NIOSH and SAX Numbers (25) (26) (27)	Category (1) (2)	Aquatic Life Standards (6)		Bioconcentration Factor (BCF) (5) (29)	Human Health Standards (17) (19) Water + Organism Organism Only		Trigger Value (22)(31)	Required Reporting Value (19) (31)
			Acute (3)	Chronic (4)					
(E)-1,3-Dichloropropene ' trans-1,3-Dichloropropylene ' 1-Propene, 1,3-Dichloro-, (E)-						HA			
Dieldrin ' --- ' Alvit ' Quintox ' Octalox ' Illoxol ' Dieldrex ' NCI C00124 ' Dieldrite ' SHA 045001 ' RCRA Waste Number P037 ' 1,4:5,8-Dimethanonaphthalene ' Hexachloroepoxyoctahydro-endo,exo-Dimethanonaphthalene ' 3,4,5,6,9,9-Hexachloro-1a,2,2a,3,6,6a,7,7a-Octahydro-2,7:3,6-Dimethanonaphth(2,3-b)Oxirene ' 2,7:3,6-Dimethanonaphth(2,3-b)Oxirene, 3,4,5,6,9,9-Hexachloro-1a,2,2a,3,6,6a,7,7a-Octahydro- ' 1,2,3,4,10,10-Hexachloro-6,7-Epoxy-1,4,4a,5,6,7,8,8a-Octahydro-Endo,Exo-1,4:5,8-Dimethanonaphthalene	60571 or 60-57-1 NIOSH: IO 1750000 SAX: DHB400	Carcinogen	0.24 (17)	0.056 (17)	4,670	0.0000012 (2) (29)	0.0000012 (2) (29)	N/A	0.10
Diethyl Phthalate (33) ' ' --- ' Anozol ' Neantine ' Solvanol ' NCI C60048 ' Placidole E ' Ethyl Phthalate ' Diethylphthalate ' Diethyl-o-Phthalate ' RCRA Waste Number U088 ' 1,2-Benzenedicarboxylic Acid, Diethyl Ester	84662 or 84-66-2 NIOSH: TI 1050000 SAX: DJX000	Toxic	---	---	73	600 (2)	600 (2)	0.25	10
Dimethoate ' ' ---	60515 or 60-51-5	Toxic	---	---	---	7 HA	7	---	6
Dimethrin ' ' ---	70382 or 70-38-2	Toxic	---	---	---	2,000 HA	2,000	---	200

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Pollutant Element / Chemical Compound or Condition	CASRN, NIOSH and SAX Numbers (25) (26) (27)	Category (1) (2)	Aquatic Life Standards (6)		Bioconcentration Factor (BCF) (5) (29)	Human Health Standards (17) (19) Water + Organism Organism Only		Trigger Value (22)(31)	Required Reporting Value (19) (31)
			Acute (3)	Chronic (4)					
Dimethyl Phthalate (33) --- ' DMP ' NTM ' ENT 262 ' Mipax ' Avolin ' Fermine ' Solvanom ' Solvarone ' Palatinol M ' Methyl Phthalate ' Dimethylphthalate ' Phthalic Acid, Dimethyl Ester ' Dimethyl Benzene-o-Dicarboxylate ' Dimethyl 1,2-Benzenedicarboxylate ' 1,2- Benzenedicarboxylic Acid, Dimethyl Ester	131113 or 131-11-3 NIOSH: TI 1575000 SAX: DTR200	Toxic	---	---	36	2,000 2,000	PP PP	0.04	10
2,4-Dimethylphenol --- ' m-Xylenol ' 2,4-Xylenol ' 4,6-Dimethylphenol ' Caswell Number 907A ' 2,4-Dimethyl Phenol ' Phenol, 2,4-Dimethyl- ' RCRA Waste Number U101 ' 1-Hydroxy-2,4-Dimethylbenzene ' 4-Hydroxy- 1,3-Dimethylbenzene ' EPA Pesticide Chemical Code 086804	105679 or 105-67-9 NIOSH: ZE 5600000 SAX: XKJ500	Toxic Organoleptic	---	---	93.8	100 (2) 3,000 (2) (40)	PP -PP	10	10
Dinitrophenols	25550587	Toxic	---	---	---	10 1,000	PP PP	---	10
4,6-Dinitro-o-Cresol --- ' Detal ' Sinox ' DNOC ' Arborol ' Capsine ' Dinitrol ' Trifocide ' Antinonin ' Winterwash ' Dinitrocresol ' Dinitro-o-Cresol ' Caswell Number 390 '	534521 or 534-52-1 NIOSH: GO 9625000 SAX: DUT400	Toxic	---	---	5.5	2 30	---	---	10

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Pollutant Element / Chemical Compound or Condition	CASRN, NIOSH and SAX Numbers (25) (26) (27)	Category (1)(2)	Aquatic Life Standards (16)		Bioconcentration Factor (BCF) (5)(29)	Human Health Standards (17) (19) Water + Organism Organism Only		Trigger Value (22)(31)	Required Reporting Value (19) (31)
			Acute (3)	Chronic (4)					
2,4-Dinitro-o-Cresol ' Dinitro-o-Cresol, 4,6- o-Cresol, 4,6-dinitro- ' RCRA Waste Number P047 ' 2-Methyl-4,6- Dinitrophenol ' 4,6-Dinitro-2-Methylphenol ' 2,4-Dinitro-6- Methylphenol ' 3,5-Dinitro-2-Hydroxytoluene ' Phenol, 2-Methyl-4,6-Dinitro-						PP	PP		
2,4-Dinitrophenol ' ' --- ' Nitro ' Aldifen ' Kleenup ' 2,4-DNP ' Chemox PE ' Maroxol-50 ' Solfo Black B ' alpha-Dinitrophenol ' Dinitrophenol, 2,4- ' Phenol, 2,4-Dinitro- ' Tertrosulphur Black PB ' RCRA Waste Number P048 ' 1-Hydroxy-2,4-Dinitrobenzene	51285 or 51-28-5 NIOSH: SL 2800000 SAX: DUZ000	Toxic	---	---	1.5	10 (2)	300 (2)	13	10
2,4-Dinitrotoluene ' ' --- ' 2,4-DNT ' NCI C01865 ' 2,4-Dinitrotoluol ' Toluene, 2,4-Dinitro- ' RCRA Waste Number U105 ' Benzene, 1- Methyl-2,4-Dinitro-	121142 or 121-14-2 NIOSH: XT 1575000 SAX: DVH000	Carcinogen	---	---	3.8	0.049 (29)	7 (29)	N/A	10
2,6-Dinitrotoluene ' ' --- ' 2,6-DNT ' 2-Methyl-1,3-Dinitrobenzene ' RCRA Waste Number U106	606202 or 606-20-2 NIOSH: XT 1925000 SAX: DVH400	Carcinogen	---	---	---	0.5		N/A	10
Dinoseb	88857 or 88-85-7 NIOSH: SJ 9800000	Toxic	---	---	---	7	7	0.19	1

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			Acute (3)	Chronic (4)					
' ' --- ' DNBP ' DBNF ' Aretit ' Basanite ' Caldon ' Sparic ' Kiloseb ' Spurge ' Premerge ' Dinitro ' Hel-Fire ' SHA 037505 ' Dow General ' Sinox General ' RCRA Waste Number P020 ' Dow General Weed Killer ' Vertac General Weed Killer ' 2-sec-Butyl-4,6- Dinitrophenol ' Dinitro-Ortho-Sec-Butyl Phenol ' 2-(1-Methylpropyl)-4,6-Dinitrophenol ' 4,6- Dinitro-2-(1-Methyl-n-Propyl)Phenol ' Phenol, 2-(1-Methylpropyl)-4,6-Dinitro-	SAX: BRE500								
Dioxin ' ' --- ' TCDD ' TCDBD ' NCI C03714 ' Dioxine ' Tetradoxin ' 2,3,7,8-TCDD ' 2,3,7,8-Tetrachlorodibenzo-p-Dioxin ' 2,3,7,8- Tetrachlorodibenzo-1,4-Dioxin ' Dibenz[<i>b,e</i>][1,4]Dioxin, 2,3,7,8-Tetrachloro-	1746016 or 1746-01-6 NIOSH: HP 3500000 SAX: TAI000	Carcinogen	---	---	5,000	<u>5x10₄</u> (28)	<u>5.1x10₄</u>	N/A	
Diphenamid ' ' ---	957517 or 957-51-7	Carcinogen	---	---	---	200 <u>HA</u>	200	N/A	<u>20</u>
1,2-Diphenylhydrazine ' ' --- ' Hydrazobenzene ' NCI C01854 ' N,N'- Bianiline ' Benzene, Hydrazodi- ' RCRA Waste Number U109 ' (sym)- Diphenylhydrazine ' Diphenylhydrazine, 1,2- ' Hydrazine, 1,2-Diphenyl-	122667 or 122-66-7 NIOSH: MW 2625000 SAX: HHG000	Carcinogen	---	---	24.9	0.03 (2) (29)	0.2 (2) (29)	N/A	<u>10</u>
Diquat	85007 or 85-00-7	Toxic	---	---	---	20	20	0.44	<u>10</u>

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			Acute (3)	Chronic (4)					
' Actor ' Feglox ' Deiquat ' Reglone ' Aquacide ' Dextrone ' Paraquat ' Preeglove ' SHA 032201 ' Weedtrine-D ' Diquat Dibromide ' Ethylene Dipyridylum Dibromide ' 1,1-Ethylene 2,2-Dipyridylum Dibromide ' 5,6-Dihydro-Dipyrido(1,2a,1c)Pyrazinium Dibromide ' 9,10-Dihydro-8a,10a-Diazoniaphenanthrene(1,1'-Ethylene-2,2'-Bipyridylum)Dibromide	NIOSH: JM 5690000 SAX: DWX800 2764-72-9								
Diuron ' Karmex	330541 or 330-54-1	Toxic	---	---	---	10	10	1	
Endosulfan ' NCI C00566 ' Malixv ' Ensure ' Beosit ' Endocel ' Thiodan ' Cyclodan ' Crisulfan ' Benzoepin ' Thiosulfan ' SHA 079401 ' Chlorthiepin ' RCRA Waste Number P050 ' Endosulfan (mixed isomers) ' Hexachlorohexahydromethano 2,4,3-Benzodioxathiepin-3-Oxide ' 1,4,5,6,7,7-Hexachloro-5-Norbornene-2,3-Dimethanol Cyclic Sulfite ' 5-Norbornene-2,3-Dimethanol, 1,4,5,6,7,7-Hexachloro Cyclic Sulfite ' 6,7,8,9,10,10-Hexachloro-1,5,5a,6,9,9a-Hexahydro-6,9-Methano-2,4,3-Benzodioxathiepin-3-Oxide ' 6,9-Methano-2,4,3-Benzodioxathiepin, 6,7,8,9,10,10-Hexachloro-1,5,5a,6,9,9a-Hexahydro-, 3-Oxide	115297 or 115-29-7 NIOSH: RB 9275000 SAX: BCJ250	Toxic	0.11 (39)	0.056 (39)	270	20	110	0.014	see Cis and trans isomers

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			Acute (3)	Chronic (4)					
Endosulfan, I --- ' Thiodan I ' Endosulfan-I ' Alpha-Endosulfan ' alpha-Endosulfan	959988 or 959-98-8 NIOSH: --- SAX: ---	Toxic	0.11 (39) (44)(47) PP	0.056 (39) (44)(47) PP	270	20 (2) PP	30 (2)	---	0.05
Endosulfan, II --- ' Thiodan II ' Endosulfan-II ' Beta-Endosulfan ' beta-Endosulfan	33213659 or 33213-65-9 NIOSH: --- SAX: ---	Toxic	0.11 (39) PP	0.056 (39) PP	270	20 (2) PP	40 (2) PP	0.004	0.10
Endosulfan Sulfate --- ' 6,9-Methano-2,3,4-Benzodioxathiepin, 6,7	1031078 or 1031-07-8 NIOSH: --- SAX: ---	Toxic	---	---	270	20 (2) PP	40 (2) PP	0.05	0.10
Endothal --- ' Hydout ' Hydrothal-47 ' Aquathol ' SHA 038901 ' Accelerate ' Tri-Endothal ' Endothal Hydout ' RCRA Waste Number P088 ' 3,6-Endooxohexahydrophthalic Acid ' Phthalic Acid, Hexahydro-3,6-endo-Oxy- ' 7-Oxabicyclo(2,2,1)Heptane-2,3-Dicarboxylic Acid ' 1,2-Cyclohexanedicarboxylic Acid, 3,6-endo-Epoxy-	145733 or 145-73-3 NIOSH: RN 7875000 SAX: EAR000	Toxic	---	---	---	100 MCL	100	1	2
Endrin --- ' NCI C00157 ' Endrex ' Mendrin ' Nendrin ' Hexadrin ' SHA 041601 ' Compound 269 ' RCRA Waste Number P051 ' 1,2,3,4,10,10-Hexachloro-6,7-Epoxy-1,4,4(a)5,6,7,8,8a-Octahydro-endo ' 3,4,5,6,9,9-Hexachloro-1a,2,2a,3,6,6a,7,7a-Octahydro-2,7:3,6-	72208 or 72-20-8 NIOSH: IO 1575000 SAX: EAT500	Toxic with BCF >300	0.086 (17)	0.036 (17) (44)	3,970	0.03 (46)	0.03 (46)	---	0.10

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FORT PECK RESERVATION WATER QUALITY CRITERIA TABLE

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			Acute (3)	Chronic (4)				
Dimethanonaphth[2,3-b]oxirene ' 1,4:5,8- Dimethanonaphthalene, 1,2,3,4,10,10-Hexachloro-6,7- Epoxy-1,4,4a,5,6,7,8,8a-Octahydro-Endo-Endo-			PP	PP		PP _____ PP		
Endrin Aldehyde ' ' ---	7421934 or 7421-93-4 NIOSH: --- SAX: ---	Toxic, with BCF >300	---	---	3,970	↓ (2) _____ 1 _____ (2)	---	0.10
Epichlorohydrin ' ' --- ' ECH ' Epoxy Propane ' α-Epichlorohydrin ' Chloromethyloxirane ' RCRA Waste Number U041 ' γ-Chloropropyleneoxide ' 2-Chloropropylene Oxide ' Glycerol Epichlorohydrin ' 2,3-Epoxypropyl Chloride ' 1-Chlor-2,3-Epoxypropane ' 3-Chlor-1,2-Epoxypropane	106898 or 106-89-8 NIOSH: TX 4900000 SAX: CGN750	Carcinogen	---	---	---	10 _____ 30	N/A	
Ethylbenzene ' ' --- ' EB ' NCI C56393 ' Ethylbenzol ' Phenylethane ' Ethyl Benzene ' Benzene, Ethyl	100414 or 100-41-4 NIOSH: DA 0700000 SAX: EGP500	Toxic	---	---	37.5	68 (46) _____ 30	0.002	↓
1,2-Dibromoethane ' ' Ethylene Dibromide ' DBE ' EDB ' Nephis ' Kopfume ' Celmide ' E-D-Bee ' Soilfume ' Bromofume ' Dowfume 40 ' SHA 042002 ' Pestmaster ' Soilbrom-40 ' Dibromoethane ' Ethylene Bromide ' Glycol Dibromide ' 1,2-Dibromoethane	106934 or 106-93-4 NIOSH: KH 9275000 SAX: EIY500	Carcinogen	---	---	---	0.004 0.004	N/A	0.01

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Pollutant Element / Chemical Compound or Condition	CASRN, NIOSH and SAX Numbers (25) (26) (27)	Category (1)(2)	Aquatic Life Standards (6)		Bioconcentration Factor (BCF) (5)(29)	Human Health Standards (17) (19) Water + Organism Organism Only		Trigger Value (22)(31)	Required Reporting Value (19) (31)
			Acute (3)	Chronic (4)					
' Dibromoethane, 1,2- ' 1,2-Ethylene Dibromide ' RCRA Waste Number U067						HA			
Fenamiphos ' ' --- ' Namacur	22224926 or 22224-92-6	Toxic	---	---	---	1.7 HA	2	---	
Fluometuron ' ' --- ' Flo-Met	2164172 or 2164-17-2	Carcinogen	---	---	---	83 HA	90	N/A	
Fluoranthene ' ' --- ' Idryl ' Benzo(j,k)Fluorene ' Benzo(j,k)Fluorene ' 1,2-Benzacenaphthene ' RCRA Waste Number U120 ' 1,2-(1,8-Naphthylene)Benzene ' Benzene, 1,2-(1,8-Naphthalenediyl)-	206440 or 206-44-0 NIOSH: LL 4025000 SAX: FDF000	Toxic with BCF >300	---	---	1,150	20 (2)	20 (2)	---	10
Fluorene (PAH) ' ' --- ' 9H-Fluorene ' Diphenylenemethane ' o- Biphenylenemethane ' 2,2'-Methylenebiphenyl	86737 or 86-73-7 NIOSH: --- SAX: ---	Toxic	---	---	30	50 (2)	70 (2)	0.25	10
Fluorine ' ' Fluoride ' Fluoride ' Fluoride- ' Perfluoride ' Fluoride Ion ' Fluorine, Ion ' Soluable Fluoride ' RCRA Waste Number P056 ' Hydrofluoric Acid, Ion(1-)	7782414 or 7782-41-4 NIOSH: LM 6475000 SAX: FEZ000	Toxic	---	---	---	4,000	4,000	5	100
Fluoride ' ' Flourine ' Fluoride ' Fluoride- ' Perfluoride ' Fluoride	16984488 or 16984-48-8 NIOSH: LM 6290000 SAX: FEX875	Toxic	---	---	---	4,000	4,000	5	0.10 mg/L

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Pollutant Element / Chemical Compound or Condition	CASRN, NIOSH and SAX Numbers (25) (26) (27)	Category (1) (2)	Aquatic Life Standards (6)		Bioconcentration Factor (BCF) (5) (29)	Human Health Standards Water + Organism Organism Only (17) (19)	Trigger Value (22)(31)	Required Reporting Value (19) (31)
			Acute (3)	Chronic (4)				
Number 374 ' EPA Pesticide Chemical Code 058001 ' o,o-Dimethylphosphorodithioate S-Ester ' 3-Mercaptomethyl)-1,2,3-Benzotriazin-4(3H)-One ' Benzotriazinedithiophosphoric Acid Dimethoxy Ester ' 3-Dimethoxyphosphinothiomethyl-1,2,3-Benzotriazin-4(3H)-One ' Phosphorodithioic Acid, O,O-Dimethyl Ester, S-Ester with 3-(Mercaptomethyl)-1,2,3-Benzotriazin-4(3H)-One				NPP				
Hardness, total	---	Narrative (18)	---	---	---	---NPP (18)narrative	N/A	1,000
Heptachlor ' NCI C00180 ' Drinox ' Heptamul ' Agroceris ' Heptagran ' SHA 04481 ' Rhodiachlor ' Velsicol-104 ' RCRA Waste Number P059 ' 3,4,5,6,7,8,8a-heptachlorodicyclopentadiene ' Dicyclopentadiene, 3,4,5,6,7,8,8a-Heptachloro-1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-Tetrahydro-4,7-Methanol-1H-Indene ' 4,7-Methano-1H-Indene, 1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-Tetrahydro-1(3a),4,5,6,7,8,8-Heptachloro-3a(1),4,7,7a-Tetrahydro-4,7-Methanoindene	76448 or 76-44-8 NIOSH: PC 0700000 SAX: HAR000	Carcinogen	0.26 (44)	0.0038 (44)	11,200	0.0000059 (2) (29) 0.0000059 (2) (29)	N/A	0.05
Heptachlor Epoxide ' HCE ' Velsicol 53-CS-17 ' Epoxyheptachlor ' 1,4,5,6,7,8,8-Heptachloro-2,3-Epoxy-2,3,3a,4,7,7a-Hexahydro-4,7-Methanoindene ' 2,5-Methano-2H-	1024573 or 1024-57-3 NIOSH: PB 9450000 SAX: EBW500	Carcinogen	0.26 (44) (30)	0.0038 (44) (30)	11,200	0.000032 (2)(29) 0.000032 (2)(29)	N/A	0.05

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Pollutant Element / Chemical Compound or Condition	CASRN, NIOSH and SAX Numbers (25) (26) (27)	Category (1)(2)	Aquatic Life Standards (16)		Bioconcentration Factor (BCF) (5)(29)	Human Health Standards Water + Organism Organism Only (17) (19)	Trigger Value (22)(31)	Required Reporting Value (19) (31)
			Acute (3)	Chronic (4)				
Indeno[1,2b]Oxirene, 2,3,4,5,6,7,7-Heptachloro- 1a,1b,5,5a,6,6a-Hexahydro- (alpha, beta, and gamma isomers)			PP	PP		PP PP		
Hexachlorobenzene --- ' HCB ' Amatin ' Smut-Go ' Sanocide ' Anticarie ' Bunt-Cure ' Bunt-No-More ' Perchlorobenzene ' Phenyl Perchloryl ' No Bunt Liquid ' Julin's Carbon Chloride ' Co-op Hexa ' Hexa C.B. ' Benzene, Hexachloro-	118741 or 118-74-1 NIOSH: DA 2975000 SAX: HCC500	Carcinogen	---	---	8,690	0.000079 (2) (29) 0.000079 (2) (29)	N/A	10
Hexachlorobutadiene --- ' HCBd ' Dolan-Pur ' Perchlorobutadiene ' RCRA Waste Number U128 ' 1,3-Hexachlorobutadiene ' 1,3-Butadiene, Hexachloro- ' 1,1,2,3,4,4-Hexachloro-1,3-Butadiene ' 1,3-Butadiene, 1,1,2,3,4,4-Hexachloro-	87683 or 87-68-3 NIOSH: EJ 0700000 SAX: PCF000	Carcinogen	---	---	2.78	0.01 (2)(29) 0.01 (2)(29)	N/A	10
Hexachlorocyclohexane --- ' BHC ' DBH ' HCH ' HCCH ' HEXA ' Hexylan ' Hexachlor ' Gammexane ' Hexachloran ' Compound 666 ' Benzenhexachloride ' Benzene Hexachloride	608731 or 608-73-1 NIOSH: GV 3150000 SAX: BBP750	Carcinogen	---	---	-->	0.0066 (2) (44) 0.010 (2)(44) NPP NPP	N/A	
alpha-Hexachlorocyclohexane --- ' Benzene Hexachloride-α-isomer ' α-BHC ' alpha-BHC ' HCH-alpha ' alpha-HCH ' alpha- Lindane ' α Hexachlorocyclohexane ' alpha-	319846 or 319-84-6 NIOSH: GV 3500000 SAX: BBQ000	Carcinogen	---	---	130	0.00036 (2)(29) 0.00039 (2)(29)	N/A	0.05

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Pollutant Element / Chemical Compound or Condition	CASRN, NIOSH and SAX Numbers (25) (26) (27)	Category (1)(2)	Aquatic Life Standards (6)		Bioconcentration Factor (BCF) (5)(29)	Human Health Standards (17) (19) Water + Organism Organism Only		Trigger Value (22)(31)	Required Reporting Value (19) (31)
			Acute (3)	Chronic (4)					
Benzenhexachloride ' Hexachlorocyclohexane-alpha ' alpha- Hexachlorocyclohexane ' Benzene Hexachloride- alpha-isomer ' alpha-1,2,3,4,5,6- Hexachlorocyclohexane ' Cyclohexane, alpha- 1,2,3,4,5,6-Hexachloro- ' 1-alpha,2-alpha,3-beta,4- alpha,5-beta,6-beta-Hexachlorocyclohexane ' Cyclohexane, alpha-1,2,3,4,5,6-Hexachloro-, (1-alpha, 2-alpha, 3-beta, 4-alpha, 5-beta, 6-beta)-									
beta-Hexachlorocyclohexane ' ' --- ' B-BHC ' beta-BHC ' HCH-beta ' beta-HCH ' B-Lindane ' beta-Lindane ' beta-Hexachlorobenzene ' B Hexachlorocyclohexane ' Hexachlorocyclohexane-beta ' Hexachlorocyclohexane, beta- ' trans-alpha- Benzenhexachloride ' Benzenhexachloride, trans-alpha- ' beta- 1,2,3,4,5,6-Hexachlorocyclohexane ' Cyclohexane, 1,2,3,4,5,6-Hexachloro-, beta- ' 1- alpha,2-beta,3-alpha,4-beta,5-alpha,6-beta- Hexachlorocyclohexane ' Cyclohexane, 1,2,3,4,5,6- Hexachloro-, (1-alpha, 2-beta, 3-alpha, 4-beta, 5- alpha, 6-beta)-	319857 or 319-85-7 NIOSH: GV 4375000 SAX: BBR000	Carcinogen	---	---	130	0.0080 (2) (29)	0.014 (2) (29)	N/A	0.05
gamma-hexachlorocyclohexane ' ' Lindane ' TBHC ' γ-BHC ' Gamene ' Lintox ' Lentox ' Hexicide ' Aparsin	58899 or 58-89-9 NIOSH: GV 4900000 SAX: BBQ500	Toxic	0.95 (17)	---	130	0.2 (46)	4.4	0.004	0.05

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' δ-BHC ' delta-BHC ' HCH-delta ' delta-HCH ' Δ-BHC '
Δ-Lindane ' delta-Lindane ' δ Hexachlorocyclohexane '
delta-Benzenhexachloride
' Hexachlorocyclohexane-delta ' Hexachlorocyclohexane, delta-
' Cyclohexane, delta-1,2,3,4,5,6-Hexachloro- ' delta-1,2,3,4,5,6-
Hexachlorocyclohexane ' 1-alpha,2-alpha,3-alpha,4-beta,5-
alpha,6-beta-Hexachlorocyclohexane ' Cyclohexane, delta-
1,2,3,4,5,6-Hexachloro-, (1-alpha, 2-alpha, 3-alpha, 4-beta, 5-alpha,
6-beta)- ... [11]

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			Acute (3)	Chronic (4)				
' Agrocide ' Alcide ' BHC-gamma ' gamma-BHC ' HCH-gamma ' gamma-HCH ' Γ Hexachlorocyclohexane ' gamma-Hexachlorobenzene ' gamma-Benzenehexachloride ' gamma-Benzene Hexachloride ' Hexachlorocyclohexane-gamma ' Hexachlorocyclohexane (gamma) ' Benzene Hexachloride-gamma-isomer ' gamma-1,2,3,4,5,6-Hexachlorocyclohexane ' Cyclohexane, 1,2,3,4,5,6-Hexachloro-, gamma-isomer ' 1,2,3,4,5,6-Hexachlorocyclohexane, gamma-isomer ' 1-alpha,2-alpha,3-beta,4-alpha,5-alpha,6-beta-Hexachlorocyclohexane ' Cyclohexane, 1,2,3,4,5,6-Hexachloro-, (1-alpha, 2-alpha, 3-beta, 4-alpha, 5-alpha, 6-beta)			PP			MCL		
Hexachlorocyclopentadiene ' --- ' HEX ' HCP ' PCL ' C-56 ' HCCPD ' NCI C55607 ' Hexachloropentadiene ' RCRA Waste Number U130 ' Perchlorocyclopentadiene ' 1,3-Cyclopentadiene, 1,2,3,4,5,5-Hexachloro-	77474 or 77-47-4 NIOSH: GY 1225000 SAX: HCE500	Toxic Organoleptic	---	---	4.34	4 (21),(46) 4 (21),(46)	1	5
Hexachloroethane ' --- ' Avlotane ' Distokal ' Distopan ' Distopin ' Egitol ' Falkitol ' Fasciolin ' NCI C04604 ' Phenohep ' Mottenhexe ' Perchloroethane ' Hexachloroethylene ' Ethane, Hexachloro- ' Carbon Hexachloride ' Ethane Hexachloride ' Ethylene Hexachloride ' RCRA	67721 or 67-72-1 NIOSH: KI 4025000 SAX: HCl000	Carcinogen	---	---	86.9	0.1 (2) (29) 0.1 (2),(29)	N/A	10

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			Acute (3)	Chronic (4)					
Waste Number U131 ' 1,1,1,2,2,2- Hexachloroethane						PP	PP		
Hexazinone ' ' ---	51235042 or 51235-04-2	Toxic	---	---	---	300 HA	400	1	
Hydrogen Sulfide ' ' --- ' Stink Damp ' Sulfur Hydride ' Hydrogen Sulphide ' Dihydrogen Sulfide ' Hydrosulfuric Acid ' Sulfurated Hydrogen ' RCRA Waste Number U135 ' Dihydrogen Monosulfide ' Hydrogen Sulfuric Acid	7783064 or 7783-06-4 NIOSH: MX 1225000 SAX: HIC500	Toxic	---	2.0 (45) NPP	---	---	---	-->	20
Indeno(1,2,3-cd)pyrene (PAH) ' ' --- ' o-Phenylene-pyrene ' 2,3-Phenylene-pyrene ' 2,3-o-Phenylene-pyrene ' RCRA Waste Number U137 ' Indeno (1,2,3-cd) Pyrene ' 1,10-(o- Phenylene)Pyrene ' 1,10-(1,2-Phenylene)Pyrene	193395 or 193-39-5 NIOSH: NK 9300000 SAX: IBZ000	Carcinogen	---	---	30	0.0012 (2)(29)	0.0013 (2)(29)	N/A	10
Iodine (10) ' ' I	Iodine 129 15046841 or 15046-84-1 NIOSH: --- SAX: ---	Carcinogen / Radioactive	---	---	---	4 mrem ede/yr		N/A	---
Iodine (10) ' ' I	Iodine 131 10043660 or 10043-66-0 NIOSH: --- SAX: ---	Carcinogen / Radioactive	---	---	---	4 mrem ede/yr		N/A	---
Iodine (10) ' ' I	Iodine 133 ---	Carcinogen / Radioactive	---	---	---	4 mrem ede/yr		N/A	---

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			Acute (3)	Chronic (4)				
	NIOSH: --- SAX: ---							
Iron (9) ' Fe ' Ancor EN 80/150 ' Carbonyl Iron ' Armco Iron	7439896 or 7439-89-6 NIOSH: NO 4565500 SAX: IGK800	Harmful (aquatic life)	---	1,000 (45) NPP	---	300 (43)	N/A	50
Isophorone ' --- ' Isoforon ' NCI C55618 ' Isoacetophorone ' alpha-Isophorone ' 1,1,3-Trimethyl-3-Cyclohexene- 5-One ' 3,5,5-Trimethyl-2-Cyclohexene-1-One ' 3,5,5-Trimethyl-2-Cyclohexone	78591 or 78-59-1 NIOSH: GW 7700000 SAX: IHO000	Carcinogen	---	---	4.38	34 (2) (29) 1,800 (2) (29)	N/A	10
Lead (9) ' Pb ' C.I. 77575 ' C.I. Pigment Metal 4 ' Glover ' Lead Flake ' Lead 22 ' Omaha ' Omaha & Grant ' SI ' SO	7439921 or 7439-92-1 NIOSH: OF 7525000 SAX: LCF000	Toxic	13.98 @ 25 mg/L hardness (12) PP	0.545 @ 25 mg/L hardness (12) PP	49	15 15 MCL	0.1	0.1
Malathion ' --- ' Formal ' Sumitox ' Emmatos ' Celthion ' Forthion ' Malacide ' Kop-Thion ' Calmathion ' ' Carbethoxy ' NCI C00215 ' Carbethoxy Malathion ' SHA 057701 ' Phosphothion ' S- 1,2-Bis(Ethoxycarbonyl)Ethyl-O,O-Dimethyl Thiophosphate ' O,O-Dimethyl-S-(1,2- Dicarbethoxyethyl) Dithiophosphate ' O,O- Dimethyl S-1,2-Di(Ethoxycarbonyl)Ethyl Phosphorodithioate ' Succinic Acid, mercapto-	121755 or 121-75-5 NIOSH: WM 8400000 SAX: CBP000	Toxic	---	0.1 (45) NPP	---	470 HA	---	

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FORT PECK RESERVATION WATER QUALITY CRITERIA TABLE

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			Acute (3)	Chronic (4)					
diethyl ester, S-Ester with O,O-Dimethyl Phosphorodithioate									
Manganese (9) ' ' Mn ' Colloidal Manganese ' Magnacat ' Tronamang	7439965 or 7439-96-5 NIOSH: OO 9275000 SAX: MAP750	Harmful	---	---	---	50 (43)(49)	100 √(43)(49)	N/A	0.5
MCPA ' ' 4-chloro- methylphenoxy acetic acid	94746 or 94-74-6	Toxic	---	---	---	4 HA	4	---	---
Mercury (9) ' ' Hg ' Colloidal Mercury ' Mercury, Metallic ' NCI C60399 ' Quick Silver ' RCRA Waste Number U151	7439976 or 7439-97-6 NIOSH: OV 4550000 SAX: MCW250	Toxic with BCF >300	1.4	0.77	3,760-9,000	0.05 (36)	2 √(36)	---	0.01
Mercury, Methyl	22976926 or 22976-92-6	Toxic	---	---	---	---	0.3 mg/kg	N/A	---
Methyl ' ' Lannate	16752775 or 16752-77-5	Toxic	---	---	---	170 HA	200	1	1
Methoxychlor ' --- ' DMDT ' Metox ' Moxie ' Methoxide ' NCI C00497 ' Methoxy-DDT ' Dimethoxy-DDT ' RCRA Waste Number U247 ' 1,1,1-Trichloro-2,2-Bis(p-Methoxyphenyl)Ethane ' Benzene, 1,1'-(2,2,2-Trichloroethylidene)Bis[4-Methoxy- ' 1,1'-(2,2,2-Trichloroethylidene)Bis[4-Methoxybenzene] ' Ethane, 1,1,1-Trichloro-2,2-	72435 or 72-43-5 NIOSH: KJ 3675000 SAX: DOB400	Toxic	---	0.03 (45)	---	0.02 (29) (43)	0.02	---	0.50

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			Acute (3)	Chronic (4)					
Bis(p-Methoxyphenyl)-									
Methyl Chloride ' ' Chloromethane ' Aretic ' Monochloromethane ' RCRA Waste Number U045	74873 or 74-87-3 NIOSH: PA 6300000 SAX: CHX500	Toxic	---	---	3.75 (used chloroform BCF) 2002 nrwqc	28	30	0.08	---
2-Methyl-4-Chlorophenol		Harmful Organoleptic	---	---		1,800		--	---
3-Methyl-6-Chlorophenol		Harmful Organoleptic	---	---		20		--	---
Metolachlor ' ' Dual '	51218452 or 51218-45-2	Carcinogen	---	---		10		N/A	---
Metribuzin ' ' Sencor '	21087649 or 21087-64-9	Toxic	---	---		170		10	---
Mirex ' ' --- ' NCI C06428 ' Dechlorane ' Bichlorendo ' Ferriamide ' Perchloropentacyclodecane ' Dodecachloropentacyclodecane ' Hexachlorocyclopentadiene Dimer ' Cyclopentadiene, Hexachloro-, Dimer ' Perchloropentacyclo(5.2.1.0[sup 2,6].0[sup 3,9].0[sup 5,8])Decane ' Dodecachlorooctahydro-1,3,4-Metheno-2H- Cyclobuta (c,d)Pentalene ' 1,1a,2,2,3,3a,4,5,5a,5b,6-Dodecachlorooctahydro-	2385855 or 2385-85-5 NIOSH: PC 8225000 SAX: MQW500	Carcinogen	---	0.001 (45)		1		0.01	---

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			Acute (3)	Chronic (4)					
1,3,4-Metheno-1H-Cyclobuta[cd]Pentalene ' 1,3,4-Metheno-1H-Cyclobuta[cd]Pentalene, 1,1a,2,2,3,3a,4,5,5a,5b,6,-Dodecachlorooctahydro-				NPP			NPP		
Naphthalene ' ' --- ' Mighty 150 ' NCI C52904 ' Naphthene ' White Tar ' Moth Balls ' Naphthalin ' Tar Camphor ' Caswell Number 587 ' RCRA Waste Number U165 ' EPA Pesticide Chemical Code 055801	91203 or 91-20-3 NIOSH: QJ 0525000 SAX: NAJ500	Carcinogen	---	---	10.5		10	0.04	10
Nickel (9) ' ' Ni ' C.I. 77775 ' Ni 270 ' Nickel 270 ' Ni 0901-S ' Ni 4303T ' NP 2 ' Raney Alloy ' Raney Nickel	7440020 or 7440-02-0 NIOSH: QR 5950000 SAX: NCW500	Toxic	145 @ 25mg/L hardness (12) PP	16.1 @ 25mg/L hardness (12) PP	47	100	4,600	0.5	0.5
Nitrate (as Nitrogen[N]) ' ' NO ₃	14797558 or 14797-55-8 NIOSH: --- SAX: ---	Toxic	(8)	(8)	---	10,000 (43)	---	Surface water=10, see MT ARM 17.30.715	0.010 mg/L
Nitrite (as Nitrogen[N]) ' ' NO ₂	14797650 or 14797-65-0 NIOSH: --- SAX: ---	Toxic	(8)	(8)	---	1,000		4	0.010 mg/L
Nitrate plus nitrite (as Nitrogen[N]) ' ' NO ₃ + NO ₂	17778880 or 17778-88-0 NIOSH: --- SAX: ---	Toxin/Harmful	(8)	(8)	---	10,000		Surface water=10, see MT ARM 17.30.715	0.020 mg/L

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			Acute (3)	Chronic (4)					
Nitrobenzene ' ' --- ' NCI C60082 ' Mirbane Oil ' Nitrobenzol ' Oil of Mirbane ' Benzene, Nitro- ' Essence of Myrbane ' RCRA Waste Number U169	98953 or 98-95-3 NIOSH: DA 6475000 SAX: NEX000	Carcinogen Organoleptic	---	---	2.89	10 (2)	600 (2)(21)	N/A	10
o-Nitrophenol ' ' --- ' 2-Nitrophenol ' 2-Hydroxynitrobenzene	88755 or 88-75-5 NIOSH: SM 2100000 SAX: NIE500	Toxic	---	---	2.33	---	---	0.45	50
4-Nitrophenol ' ' --- ' 4-Hydroxynitrobenzene ' NCI C55992 ' p- Nitrophenol (DOT) ' RCRA Waste Number U170	100027 or 100-02-7 NIOSH: SM 2275000 SAX: NIF000	Toxic	---	---	3.31	50	60	2.4	---
Nitrosamines	35576-91-1	Carcinogen	---	---	---	0.0008	1.24	N/A	---
Nitrosodibutylamine, N	924163 or 924-16-3	Carcinogen	---	---	---	0.0063 (2)(43)	0.22 (2)(43)	N/A	---
Nitrosodiethylamine, N	55185 or 55-18-5	Carcinogen	---	---	---	0.0008 (2)(43)	1.24 (2)(43)	N/A	---
N-Nitrosodi-N-Propylamine ' ' --- ' DPN ' DPNA ' NDPA ' Dipropylnitrosamine ' N-Nitrosodipropylamine ' Di-n-Propylnitrosamine ' RCRA WAstE Number	621647 or 621-64-7 NIOSH: JL 9700000 SAX: DWU600	Carcinogen	---	---	1.13	0.0050 (2) (29)	0.51 (2) (29)	N/A	10

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			Acute (3)	Chronic (4)				
U111 ' Dipropylamine, N-Nitroso- ' N-Nitrosodi- n-propylamine ' N-Nitroso-di-n-propylamine ' 1- Propanamine, N-Nitroso-n-Propyl-						PP		
N-Nitrosodimethylamine ' ' Dimethylnitrosamine ' DMN ' NDMA ' DMNA ' Nitrosodimethylamine ' Dimethylnitrosoamine ' N-Nitrosodimethylamine ' RCRA Waste Number P082 ' N,N-Dimethylnitrosamine ' Methylamine, N-Nitrosodi- ' Dimethylamine, N-Nitroso- ' N- Methyl-N-Nitrosomethanamine ' Methamine, N- Methyl-N-Nitroso- ' Methanamine, N-Methyl-N- Nitroso-	62759 or 62-75-9 NIOSH: IQ 0525000 SAX: DSY400	Carcinogen	---	---	0.026	0.00069 3.0 (2) (29) v(2) (29)	N/A	10
N-Nitrosodiphenylamine ' ' --- ' NDPA ' NDPbA ' Vultrol ' Curetard A ' NCI C02880 ' Redax ' TJP ' Retarder J ' Vulcalent A ' Vulcatard ' Vultrol ' Nitrosodiphenylamine ' Diphenylnitrosamine ' N,N-Diphenylnitrosamine ' N-Nitroso-N-Phenylaniline ' Diphenylamine, N-Nitroso- ' Benzenamine, N- Nitroso-N-Phenyl-	86306 or 86-30-6 NIOSH: JJ 9800000 SAX: DWI000	Carcinogen	---	---	136	3.3 6.0 (2) (29) v(2) (29)	N/A	10

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			Acute (3)	Chronic (4)					
N-Nitrosopyrrolidine ' ' --- ' NPYR ' NO-pyr ' N-N-pyr ' 1- Nitrosopyrrolidene ' Pyrrolidine, 1-Nitroso- ' RCRA Waste Number U180 ' Tetrahydro-N- Nitrosopyrrole ' Pyrrole, Tetrahydro-N-Nitroso-	930552 or 930-55-2 NIOSH: UY 1575000 SAX: NLP500	Carcinogen	---	---	0.055	0.016 (2)	34 (2)	N/A	▼
Nonylphenol	84852153 or 25154-52-3	Toxic	28 NPP	6.6 NPP	---	---	---	---	---
Odor (13) ' ' ---	N/A	Harmful	---	---	---	---	---	N/A	---
Oxamyl ' ' --- ' D-1410 ' DPX 1410 ' Insecticide-Nematicide 1410 ' Vydate ' Thioxamyl ' Methyl 2-(Dimethylamino)-N- ' Vydate L, Insecticide/Nematicide ' ({{Methylamino}}Carbonyl}Oxy)-2- Oxoethanimidothioate ' 2-Dimethylamino-1- (Methylthio)Glyoxal O-Methylcarbamoylmonozime ' S-Methyl 1-Dimethylcarbamoyl)-N ({{Methylcarbamoyl}Oxy}Thioformimidate ' Methyl N,N'-Dimethyl-N-{{Methylcarbamoyl}Oxy)-1- Thiooxamimidate ' N,N'-Dimethyl-N- [{{Methylcarbamoyl}oxy}]-1-Methylthiooxamimidic Acid	23135220 or 23135-22-0 NIOSH: RP 2300000 SAX: DSP600	Toxic	---	---	---	200	---	1	1
Oxygen, dissolved (20) ' ' O,	7782447 or 7782-44-7 NIOSH: RS 2060000	Toxic	(15)	(15)	---	---	---	---	0.3 mg/L ▼ ▼

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			Acute (3)	Chronic (4)				
Oxygen, Compressed ' Oxygen, Refrigerated Liquid	SAX: OQW000							
Paraquat Dichloride	1910425 or 1910-42-5	Toxic	---	---	---	30 HA	0.8	---
Parathion ' --- ' DNTP ' Niran ' Phoskil ' Paradust ' Stathion ' Strathion ' Pestox Plus ' Nitrostigmine ' Parathion Ethyl ' Parathion- ethyl ' Ethyl Parathion ' Diethylparathion ' Caswell Number 637 ' RCRA Waste Number P089 ' EPA Pesticide Chemical Code 057501 ' Diethyl 4- Nitrophenylphosphorothioate ' Diethyl para- Nitrophenol Thiophosphate ' Diethyl-p-Nitrophenyl Monothiophosphate ' O,O-Diethyl O-4-Nitrophenyl Thiophosphate ' Phosphorothioic Acid, O,O-Diethyl O-(4-Nitrophenyl) Ester	56382 or 56-38-2 NIOSH: TF 4920000, dry TF 4950000, liquid SAX: PAK250, dry SAX: PAK260, liquid	Carcinogen	0.065 (17)	0.013 (17)	---	1.75	N/A	1
Pentachlorobenzene ' --- ' QCB ' Benzene, Pentachloro- ' RCRA Waste Number U183	608935 or 608-93-5 NIOSH: DA 6640000 SAX: PAV500	Toxic, with BCF >300	---	---	2.125	0.1 (29) NPP 0.1 (29)	---	▼
Pentachlorophenol ' --- ' PCP ' Penta ' Durotox ' Weedone ' Chem- Tol ' Lauxtol A ' NCI C54933 ' NCI C55378 ' NCI C56655 ' Permite ' Dowcide 7 ' Permacide ' Penta-Kil	87865 or 87-86-5 NIOSH: SM 6300000 SAX: PAX250	Carcinogen	5.3 @ pH of 6.5 (14)	4 @ pH of 6.5 (14)	11	0.03 (2) (29) 0.04 (2) (29)	N/A	20

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			Acute (3)	Chronic (4)				
' Permagard ' Penchlorol ' Chlorophen ' Pentachlorophenol ' Pentachlorofenolo ' Thompson's Wood Fix ' Phenol, Pentachloro- ' 2,3,4,5,6-Pentachlorophenol ' 1-Hydroxy- 2,3,4,5,6-Pentachlorobenzene		Organoleptic	PP	PP		PP		
pH (13)		Harmful		6.5 - 9 (45)		5.0-9.0	N/A	
Phenanthrene (PAH) ' Phenantrrin	85018 or 85-01-8 NIOSH: SF 7175000 SAX: PCW250	Toxic			30		0.01	10
Phenol ' Baker's P and S Liquid and Ointment ' NCI C50124 ' Benzenol ' Monophenol ' Oxybenzene ' Phenic Acid ' Carbolic Acid ' Phenylic Acid ' Hydroxybenzene ' Hydroxybenzene ' Phenyl Alcohol ' Phenyl Hydrate ' Phenylic Alcohol ' Phenyl Hydroxide ' Benzene, Hydroxy- ' Monohydroxybenzene ' RCRA Waste Number U188	108952 or 108-95-2 NIOSH: SJ 3325000 SAX: PDN750	Toxic			1.4	4,000 (31) (38) 300,000 (31) (38) (31)	100	10
Phosphorus, inorganic (9) (20) ' Ortho-phosphorus ' phosphorus, Ortho-	14265442 or 14265-44-2 NIOSH: --- SAX: ---	Nutrient	(8)	(8)			1	1
Picloram	1918021 or 1918-02-1 NIOSH: TJ 7525000	Toxic				500	0.14	1

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			Acute (3)	Chronic (4)				
' ATCP ' K-Pin ' Tordon ' Borolin ' Amdon Grazon ' NCI C00237 ' Tordon 10K ' Tordon 22K ' Tordon 101 Mixture ' 3,5,6-Trichloro-4- Aminopicolinic Acid ' 4-Amino-3,5,6-Trichloropicolinic Acid	SAX: AMU250					MCL		
Prometon ' ' Pramitol '	1610180 or 1610-18-0	Toxic	---	---	---	100 HA	0.3	---
Pronamide ' ' Kerb '	23950585 or 23950-58-5	Carcinogen	---	---	---	5.0 HA	N/A	---
Propachlor ' ' Ramrod '	1918167 or 1918-16-7	Toxic	---	---	---	87 HA	0.5	---
Propazine ' ' -- '	139402 or 139-40-2	Carcinogen	---	---	---	1.0 HA	N/A	---
Propham ' ' -- '	122429 or 122-42-9	Toxic	---	---	---	100 HA	0.13	---
Propoxur ' ' Baygon '	114261 or 114-26-1	Carcinogen	---	---	---	14.0 HA	N/A	---
Pyrene (PAH) ' ' -- ' β-Pyrene ' beta-Pyrene ' Benzo(def)Phenanthrene ' Benzo[def]Phenanthrene	129000 or 129-00-0 NIOSH: UR 2450000 SAX: PON250	Toxic	---	---	30	20 (2) 30 (2) PP	0.25	10
Radium 226 ' ' -- '	Radium 226 13982636 or 13982-63-6	Carcinogen / Radioactive	---	---	---	5 pCi/Liter. Note: The sum of Radium	N/A	---

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FORT PECK RESERVATION WATER QUALITY CRITERIA TABLE

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			Acute (3)	Chronic (4)				
	NIOSH: --- SAX: ---					226 and 228. MCL		
Radium 228 ' ' ---	Radium 228 15262201 or 15262-20-1 NIOSH: --- SAX: ---	Carcinogen / Radioactive	---	---	---	5 picoC/liter. Note: The sum of Radium 226 and 228. MCL	N/A	---
Radon 222 ' ' ---	14859677 or 14859-67-7 NIOSH: --- SAX: ---	Carcinogen / Radioactive	---	---	---	15 picoC/liter HA	N/A	---
Sediment, settleable solids, oils, grease, or floating solids ' ' --- ' Methylene Blue Active Substances, ' Residue, non-filterable, ' Residue, non-settleable, ' Settleable matter, ' Oil & Grease, ' Total Organic Carbon, ' Hydrocarbons	N/A	Harmful (13)	---	---	---	(23)(24)	N/A	---
Selenium (9) ' ' Se ' C.I. 77805 ' Colloidal Selenium ' Elemental Selenium ' Selenium Alloy ' Selenium Base ' Selenium Dust ' Selenium Elemental ' Selinium Homopolymer ' Selenium Metal Powder, Non-Pyrophoric ' Vandex	7782492 or 7782-49-2 NIOSH: VS 7700000 VS 8310000, colloidal SAX: SBO500 SAX: SBP000, colloidal	Toxic	20	5	4.8	50 4,200	0.6	0.5
Silver (9) ' ' Ag ' Argentum ' C.I. 77820 ' Shell Silver ' Silver Atom	7440224 or 7440-22-4 NIOSH: VW 3500000 SAX: SDI500	Toxic	0.374 @25mg/L hardness (12) PP	---	0.5	100 HA	0.2	0.5

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			Acute (3)	Chronic (4)				
Simazine ' ' --- ' CDT ' Herbex ' Framed ' Bitemol ' Radokor ' A 2079 ' Batazina ' Cat (Herbicide) ' CET ' G 27692 ' Geigy 27,692 ' Gesaran ' Gesatop 50 ' Simazine 80W ' Symazine ' Taphazine ' W 6658 ' Zeapur ' Princep ' Aquazine ' Herbazin ' Tafazine ' 2,4- bis(Ethylamino)-6-Chloro-s-Triazine ' 1-Chloro, 3,5-Bisethylamino-2,4,6-Triazine ' 2- Chloro-4,6-Bis(Ethylamino)-1,3,5-Triazine ' 6- Chloro-N,N'-Diethyl-1,3,5-Triazine-2,4-Diylidiamine	122349 or 122-34-9 NIOSH: XY 5250000 SAX: BJP000	Carcinogen	---	---	---	4	N/A	0.3
Strontium 89 (10) ' ' ---	14158271 or 14158-27-1 NIOSH: --- SAX: ---	Carcinogen / Radioactive	---	---	---	4 mrem ede/yr. Note: the sum of the dosage from Strontium 89 plus 90 cannot exceed this value.	100	---
Strontium 90 (10) ' ' ---	10098972 or 10098-97-2 NIOSH: --- SAX: ---	Carcinogen / Radioactive	---	---	---	4 mrem ede/yr. Note: the sum of the dosage from Strontium 89 plus 90 cannot exceed this value.	100	---
Styrene ' ' --- ' Styrol ' Cinnamol ' Cinnamene ' Cinnamenol ' ' NCI C02200 ' Styrole ' Strolene ' Styron ' Stropor ' Vinylbenzol ' Phenethylene ' Phenylethene ' Vinylbenzene ' Ethenylbenzene '	100425 or 100-42-5 NIOSH: WL 3675000 SAX: SMQ000	Carcinogen	---	---	---	100	N/A	0.5

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			Acute (3)	Chronic (4)				
Phenylethylene ' Benzene, Vinyl- ' Styrene, Monomer						MCL		
Sulfate ' ' SO.	14808798 or 14808-79-8 NIOSH: --- SAX: SNS000	Narrative (18)	---	---	---	---	N/A	1.00 mg/L
Tebuthiuron ' ' Spike	34014181 or 34014-18-1	Toxic	---	---	---	500 HA	2	---
Temperature (13)	---	Harmful	narrative	narrative	---	Narrative	N/A	---
Terbacil ' ' Sinbar	5902-51-1	Toxic	---	---	---	83 HA	2.2	---
1,2,4,5-Tetrachlorobenzene ' ' --- ' RCRA Waste Number U207 ' Tetrachlorobenzene, 1,2,4,5- ' Benzene, 1,2,4,5-Tetrachloro-	95943 or 95-94-3 NIOSH: DB 9450000 SAX: TBN750	Toxic, with BCF >300	---	---	1,125	0.03 (29) 0.03 (29)	---	---
1,1,2,2-Tetrachloroethane ' ' --- ' TCE ' Cellon ' Westron ' Bonoform ' Tetrachloroethane ' sym-Tetrachloroethane ' RCRA Waste Number U209 ' Acetylene Tetrachloride ' Tetrachloroethane, 1,1,2,2- ' Ethane, 1,1,2,2-Tetrachloro- ' 1,1-Dichloro-2,2-Dichloroethane	79345 or 79-34-5 NIOSH: KI 8575000 SAX: ACK500	Carcinogen	---	---	5	0.2 (29) 3 (29)	N/A	1
Tetrachloroethylene	127184 or 127-18-4	Carcinogen	---	---	30.6	5 29	N/A	1

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FORT PECK RESERVATION WATER QUALITY CRITERIA TABLE

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Pollutant Element / Chemical Compound or Condition	CASRN, NIOSH and SAX Numbers (25) (26) (27)	Category (1) (2)	Aquatic Life Standards (16)		Bioconcentration Factor (BCF) (5) (29)	Human Health Standards (17) (19) Water + Organism Only		Trigger Value (22)(31)	Required Reporting Value (19) (31)
			Acute (3)	Chronic (4)					
' ' --- ' NCI C04580 ' PCE ' Perk ' PERC ' ENMA ' Dow-Per ' Perchlor ' Percelene ' Perklone ' Didakene ' Tetra Cap ' Percosolve ' Perchlorethylene ' Perchloroethylene ' Tetrachloroethene ' Carbon Bichloride ' Carbon Dichloride ' RCRA Waste Number U210 ' Ethylene Tetrachloride ' Ethylene, Tetrachloro- ' 1,1,2,2-Tetrachloroethylene	NIOSH: KX 3850000 SAX: TBQ250					(2)	(2)		
2,3,4,6-Tetrachlorophenol	--	Harmful Organoleptic	---	---	---	1 1		---	---
Thallium (9) ' ' TI ' Ramor	7440280 or 7440-28-0 NIOSH: XG 3425000 SAX: TEI000	Toxic	---	---	119	0.24 (46)	0.47	0.3	0.1
Toluene ' ' --- ' Antisal 1a ' NCI C07272 ' Toluol ' Tolu-Sol ' Methacide ' Methylbenzol ' Methylbenzene ' Phenylmethane ' Phenyl- Methane ' Methyl-Benzene ' Benzene, Methyl ' RCRA Waste Number U220	108883 or 108-88-3 NIOSH: XS 5250000 SAX: TKG750	Toxic	---	---	10.7	57 (46)	520	0.01	1
Total dissolved solids (20) ' ' TDS ' Solids, total dissolved	Multiple	Narrative (18)	---	---	---	250,000		N/A	20.0

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FORT PECK RESERVATION WATER QUALITY CRITERIA TABLE

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			Acute (3)	Chronic (4)					
Toxaphene ' Attac 4-2 ' Alltox ' Alltex ' Attac 6 ' Toxakil ' Agricide ' Chem-Phene ' Clor Chem T-590 ' Compound 3956 ' Crestoxo ' Estonox ' Geniphene ' Gy-Phene ' Hercules 3956 ' Melipax ' Motox ' PCC ' Phenacide ' Phenatox ' Toxadust ' Camphechlor ' Maggot Killer (F) ' Toxaphene mixture ' Chlorinated-Camphene ' Camphene, Octachloro- ' RCRA Waste Number P123	8001352 or 8001-35-2 NIOSH: XW 5250000 SAX: THH750	Carcinogen	0.73	0.0002 (44)	13,100	0.00070 (2) (29)	0.00071 (2) (29)	N/A	1.5
			PP	PP		PP			
Tributyltin TBT	56573-85-4	Toxic	0.46 NPP	0.072 NPP					
1,2,4-Trichlorobenzene	120821 or 120-82-1 NIOSH: DC 2100000 SAX: TIK250	Toxic	---	---	114	0.071 (41)(46)	0.076 (41)	0.02	10
1,1,1-Trichloroethane	71556 or 71-55-6 NIOSH: KJ 2975000 SAX: TIM750	Toxic	---	---	5.6	200 (39)	200,000	0.5	1

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			Acute (3)	Chronic (4)				
' Trichloroethane, 1,1,1-' Ethane, 1,1,1-Trichloro-						MCL		
1,1,2-Trichloroethane ' --- ' B-T ' Vinyl Trichloride ' Ethane Trichloride ' beta-Trichloroethane ' 1,2,2-Trichloroethane ' RCRA Waste Number U227 ' Trichloroethane, 1,1,2- ' NCI C04579 ' Ethane, 1,1,2-Trichloro- ' Caswell Number 875A [NLM] ' EPA Pesticide Chemical Code 081203 [NLM]	79005 or 79-00-5 NIOSH: KJ 3150000 SAX: TIN000	Carcinogen	---	---	4.5	0.55 (2) (29) 8.9 (2) (29)	N/A	↓
Trichloroethylene ' --- ' TCE ' Triad ' Vitran ' Algylen ' Dow-Tri ' Lanadin ' Vestrol ' Anamenth ' Benzinol ' Tri-Plus ' Tri-Clene ' Trichlorethene ' Trichloroethene ' Trichloroethane ' Trichlorethylene ' Tetrachloroethene ' Ethene, Trichloro- ' Ethylene Trichloride ' Ethylene, Trichloro- ' Acetylene Trichloride ' 1,1,2-Trichloroethylene ' 1,2,2-Trichloroethylene ' 1-Chloro-2,2-Dichloroethylene ' 1,1-Dichloro-2-Chloroethylene	79016 or 79-01-6 NIOSH: KX 4550000 SAX: TIO750	Carcinogen	---	---	10.6	0.6 (2) 7 (2)	N/A	↓
Trichlorofluoromethane (HM) ' --- ' F 11 ' FC 11 ' Freon 11 ' Arcton 9 '	75694 or 75-69-4 NIOSH: PB 6125000 SAX: TIP500	Toxic	---	---	3.75	2.000	0.07	↓

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			Acute (3)	Chronic (4)				
Eskimon 11 ' Halocarbon 11 ' Alkofrene Type 1 ' RCRA Waste Number U121 ' Fluorocarbon Number 11 ' NCI C04637 ' Isotron 11 ' Fluorotrichloromethane ' Isceon 131 ' Monofluorotrichloromethane ' Ucon Refrigerant 11 ' Trichloromonofluoromethane						HA		
2,4,5-Trichlorophenol ' --- ' Nurelle ' Dowcide B ' Dowcide 2 ' Collunosol ' Preventol 1 ' Trichlorophenol, 2,4,5- ' RCRA Waste Number U230 ' NCI C61187	95954 or 95-95-4 NIOSH: SN 1400000 SAX: TIV750	Toxic	---	---	110	300 (21) (29) 600 (21) (29)	10	10
2,4,6-Trichlorophenol ' --- ' Omal ' Dowcide 2S ' Phenachlor ' RCRA Waste Number U231 ' Trichlorophenol, 2,4,6- ' Phenol, 2,4,6-trichloro- ' NCI C02904	88062 or 88-06-2 NIOSH: SN 1575000 SAX: TIV000	Carcinogen Organoleptic	---	---	150	1.5 2.8 (2) (29) (2) (29)	N/A	10
Trichlorophenoxyacetic Acid ' ' Brush-Rhap ' 2,4,5 - T (Brush-Rhap)	93765 or 93-76-5	Toxic	---	---	---	70 HA	---	
2 (2,4,5-Trichlorophenoxy) Propionic Acid ' --- ' Kuran ' Propon ' Silvex ' Aqua-Vex ' Ded- Weed ' Sta-Fast ' 2,4,5-TP ' Color-Set ' Weed-B-Gon ' Double Strength ' RCRA Waste Number U233	93721 or 93-72-1 NIOSH: UF 8225000 SAX: TIX500	Toxic	---	---	---	50 (43) 400	0.075	0.1

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			Acute (3)	Chronic (4)				
' 2,4,5-Trichlorophenoxypropionic Acid ' a(2,4,5-Trichlorophenoxy)Propionic Acid ' 2-(2,4,5-Trichlorophenoxy)-Propionic Acid ' Trichlorophenoxy Propionic Acid, 2 (2,4,5- ' (+/-)-2-(2,4,5-Trichlorophenoxy)propanoic Acid						MCL		
Trihalomethanes, total ' --- ' TTHMs	Multiple	Carcinogen	---	---	---	80 MCL	N/A	
Tritium (10) ' ' H	10028178 or 10028-17-8 NIOSH: --- SAX: ---	Carcinogen / Radioactive	---	---	---	4 mrem ede/yr	N/A	---
Turbidity (13) (20) ' ' ---	---	Harmful	---	---	---	---	N/A	1 NTU
Uranium, natural ' ' U ' Uranium Metal, Pyrophoric	7440611 or 7440-61-1 NIOSH: YR 3490000 SAX: UNS000	Carcinogen / Radioactive	---	---	---	30 MCL	N/A	0.2
Vinyl Chloride ' ' --- ' VC ' VCM ' Chlorethene ' Chloroethene ' Chloroethylene ' Chloroethylene ' Ethylene, Chloro- ' Monochloroethylene ' Ethylene Monochloride ' RCRA Waste Number U043 ' Vinyl Chloride Monomer ' Vinyl C Monomer ' Trovidur	75014 or 75-01-4 NIOSH: KU 9625000 SAX: VNP000	Carcinogen	---	---	1.17	0.022 (2) 1.6 (46) (2)	N/A	0.2
Xylenes ' ' --- ' Xylol ' Violet 3 ' Mixed Xylenes ' Methyl	1330207 or 1330-20-7 NIOSH: ZE 2100000 SAX: XGS000	Toxic	---	---	1.17	10,000 ---	0.5	1.5

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			Acute (3)	Chronic (4)				
Toluene ' Dimethylbenzene ' RCRA Waste Number U239 ' NCI C55232 ' Total equals the sum of meta, ortho, and para.						MCL		
m-Xylene ' ' --- ' m-Xylol ' 1,3-Xylene ' meta-Xylene ' m- Dimethylbenzene ' m-Methyltoluene ' 1,3-Dimethylbenzene ' 1,3-Dimethyl Benzene	108383 or 108-38-3 NIOSH: ZE 2275000 SAX: XHA000	Toxic	---	---	---	10,000	0.004	1.5
o-Xylene ' ' --- ' o-Xylol ' 1,2-Xylene ' ortho-Xylene ' o- Methyltoluene ' o-Dimethylbenzene ' 1,2-Dimethylbenzene ' 1,2-Dimethyl Benzene	95476 or 95-47-6 NIOSH: ZE 2450000 SAX: XHJ000	Toxic	---	---	1.17	10,000	0.004	1.5
p-Xylene ' ' --- ' p-Xylol ' Chromar ' Scintillar ' 1,4-Xylene ' para-Xylene ' p-Methyltoluene ' p-Dimethylbenzene ' 1,4-Dimethylbenzene ' 1,4-Dimethyl Benzene	106423 or 106-42-3 NIOSH: ZE 2625000 SAX: XHS000	Toxic	---	---	1.17	10,000	0.5	1.5
Zinc (9) ' ' Zn ' Blue Powder ' C.I. 77945 ' C.I. Pigment Black 16 ' C.I. Pigment Metal 6 ' Emanay Zinc Dust ' Granular Zinc ' Jasad ' Merrillite ' Pasco ' Zinc, Powder or Dust, non- Pyrophoric ' Zinc, Powder or Dust, Pyrophoric	7440666 or 7440-66-6 NIOSH: ZG 8600000 SAX: ZBJ000	Toxic Organoleptic	37 @25mg/L hardness (12)	37 @25mg/L hardness (12)	47	5,000 PP	26,000 5	5 5

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DETAILED NOTES OF EXPLANATION

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Frequently used Acronyms:

' ' abc...	Name of Primary Synonym as listed in the EPA's data base IRIS.
' abc...	Name of Additional Synonyms from various sources including IRIS.
BCF	Bio-concentration Factor.
CFR	Code of Federal Regulations.
EDE/YR	Effective dose equivalent per year.
E.P.A.	Environmental Protection Agency.
pH	The negative log of the concentration of Hydrogen ions: $\text{pH} = -\log [\text{H}^+]$. A factor in the formula for determining ammonia Standards for Freshwater Aquatic Life.
T	A factor in the formula for determining ammonia Standards for Freshwater Aquatic Life.
HM	Halomethanes.
MDL	Method Detection Limit. The MDL is calculated from the standard deviation of replicate measurements, and is defined as the minimum concentration of a substance that can be identified, measured, and reported with 99% confidence that the analyte concentration is greater than zero.
MREM	Milli Roentgen-Equivalent-Man.
N/A	Not applicable.
n.d.	Not determined.
NTU	Nephelometric Turbidity Unit.
PAH	Polynuclear Aromatic Hydrocarbons.
PCB	Polychlorinated Biphenyls.

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- (1) Categories include toxic, carcinogen, and harmful. Parameters categorized as toxic and carcinogenic are based on EPA's Integrated Risk Information System (IRIS). Parameters categorized by the Department as harmful include biological agents (such as E. coli), parameters that cause taste and/or odor effects (such as MTBE), and parameters that generate physical effects (such as iron).
- (2) Chemicals classified by EPA as carcinogens for an oral route of exposure in the drinking water regulations and health advisories (EPA 822-B-96-002 and EPA 820-R-11-002) and those listed as carcinogens in the EPA priority pollutants list. In 2005, the EPA added a new scale to describe carcinogens and both the 1986 and 2005 scales are now in simultaneous use. The classifications considered carcinogenic in the 1986 scale are as follows: A (human carcinogen); B1 or B2 (probable human carcinogens); and C (possible human carcinogen). In the 2005 scale, the following categories are considered carcinogens: H (human carcinogen); L (likely carcinogen); L/N (likely to be carcinogenic above a specified dose) and S (suggestive evidence of carcinogenic potential).
- (3) The one-hour average concentration of these parameters in surface waters may not exceed these values more than once in any three year period, on average, with the exception of silver, which, at present, is interpreted as a "not to exceed" value.
- (4) The 96 hour average concentration of these parameters in surface waters may not exceed these values more than once in any three year period, on average.
- (5) All bioconcentration factors (BCF's) were developed by the EPA as part of the Standards development as mandated by Section 304(a) of the Federal Clean Water Act. [National Recommended Water Quality Criteria: 2002 Human Health Criteria Calculation Matrix \(EPA-822-R-02-012\)](#).
- (6) Where multiple samples are averaged within one day, the 24-hour geometric mean must not exceed these values

Deleted: Based on EPA's categories and include parameters determined to be toxic (toxin), carcinogenic (carcinogen), or harmful. Harmful parameters include nutrients, biological agents, and those parameters which cause taste and/or odor effects (organoleptic) or physical effects.

Deleted: Carcinogens: chemicals classified by EPA as carcinogens for an oral route of exposure. Standards are based upon the incremental risk of causing one additional instance of cancer in one million persons. Includes those parameters in classifications

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This criterion is based on carcinogenicity of 10 -risk.

Deleted: No sample shall exceed these concentrations more than once in any three-year period.

Deleted: No four-day (96-hour) or longer period average concentration shall exceed these values more than once in any three-year period.

Deleted: Values shown are current as of Nov 2002 (EPA-822-R-02-012).

Standards for metals in surface water are based upon the analysis of samples following a "total recoverable" digestion procedure (Section 9.4, "Methods for Analysis of Water and Wastes", 1983, Environmental Monitoring and Support Laboratory, U.S. Environmental Protection Agency, EPA-600/4-79-020, or equivalent).

If sampling after a storm event for aluminum, and aluminum silicate is detected, the Total Recoverable value does not apply. The aluminum criteria are expressed as total recoverable metal in the water column. The 87 ug/l chronic criterion for aluminum is based on information showing chronic effects on Brook Trout and Striped Bass. The studies underlying the 87 ug/l chronic value, however, were conducted at low pH (6.5 - 6.6) and low hardness (< 10 ppm CaCO3), conditions uncommon in Fort Peck Reservation's surface waters. A water effect ratio toxicity study in West Virginia indicated that aluminum is substantially less toxic at higher pH and hardness (although the relationship is not well quantified at this time). Further, EPA is aware of field data indicating that many high quality waters in the U.S. contain more than 87 ug/l aluminum when either the total recoverable or dissolved aluminum is measured. Based on this information and considering the available toxicological information in Tables 1 and 2 of EPA's Aluminum Criteria Document (EPA 440/5-86-008), the FPWQCT will implement the 87 ug/l chronic criterion for aluminum as follows: where the pH is equal to or greater than 7.0 and the hardness is equal to or greater than 50 ppm as CaCO3 in the receiving water after mixing, the 87 ug/l chronic criterion will not apply, and aluminum will be regulated based on compliance with the 750 ug/l acute aluminum criterion. In situations where the 87 ug/l chronic criterion applies, a discharger may request development of a site-specific chronic criterion based on a water effect ratio. Or, a discharger may request development of a permitting procedure (a translator) that would take into account less toxic forms of particulate aluminum. In either case, the Department may require that the discharger requesting the change provide the technical information and data needed to support such a change.

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(7) Freshwater Aquatic Life Criteria for total ammonia nitrogen (mg/L, NH₃-N plus NH₄-N.)

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Because these formulas are non-linear in pH and temperature, the criterion is the average of separate evaluations of the formulas reflective of the fluctuations of pH and temperature within the averaging period; it is not appropriate to apply the formula to average pH and temperature.

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Deleted: are expressed as a function of pH and salmonid presence.

1. The one-hour average concentration of total ammonia nitrogen (in mg/L) does not exceed the CMC (acute criterion) calculated using the following equations.

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Where salmonid fish are present:

Deleted: The Acute equation and the Chronic equation are as follows:

$$CMC = \frac{0.275}{1 + 10^{7.294 - pH}} + \frac{39.0}{1 + 10^{pH - 7.294}}$$

Or where salmonid fish are not present:

$$CMC = \frac{0.411}{1 + 10^{7.294 - pH}} + \frac{58.4}{1 + 10^{pH - 7.294}}$$

2. The thirty-day average concentration of total ammonia nitrogen (in mg/L) does not exceed the CCC (chronic criterion) calculated using the following equations.

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When fish early life stages are present:

$$CCC = \left(\frac{0.0577}{1 + 10^{7.294 - pH}} + \frac{2.487}{1 + 10^{pH - 7.294}} \right) \times \text{MIN}(2.85, 1.45 \times 10^{0.029 \times (25 - T)})$$

Deleted: , more than once every three years on the average, the chronic criteria → calculated using the following equation:

When fish early life stages are absent:

$$CCC = \left(\frac{0.0577}{1 + 10^{7.294 - pH}} + \frac{2.487}{1 + 10^{pH - 7.294}} \right) \times 1.45 \times 10^{0.029 \times (25 - \text{MAX}(17, T))}$$

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Includes all embryonic and larval stages and all juvenile forms of fish to 30-days following hatching.

3. In addition, the highest four-day average within the 30-day period should not exceed 2.5 times the CCC.

Table 1. pH-Dependent Values of the CMC (Acute Criterion) for Ammonia.

CMC, total ammonia nitrogen ($\mu\text{g/L NH-N plus NH-N}$)		
pH	Salmonids Present	Salmonids Absent
6.5	32600	48800
6.6	31300	46800
6.7	29800	4460
6.8	28100	4200
6.9	26200	39100
7.0	24100	36100
7.1	22000	32800
7.2	19700	29500
7.3	17500	26200
7.4	15400	23000
7.5	13300	19900
7.6	11400	17000
7.7	9650	14400
7.8	8110	12100
7.9	6770	10100
8.0	5620	8400
8.1	4640	6950
8.2	3830	5720
8.3	3150	4710
8.4	2590	3880
8.5	2140	3200
8.5	1770	2650
8.7	1470	2200
8.8	1230	1840
8.9	1040	1560
9.0	885	1320

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Table 2. Temperature and pH-Dependent Values of the CCC (Chronic Criterion) for Fish Early Life Stages Present and for Fish Early Life Stages Absent.

CCC for Fish Early Life Stages Present, total ammonia nitrogen ($\mu\text{g/L NH}_3\text{-N plus NH}_4\text{-N}$)										
pH	Temperature, °C									
	0	14	16	18	20	22	24	26	28	30
6.5	6670	6670	6060	5333	4680	4120	3620	3180	2800	2460
6.6	6570	6570	5970	5250	4610	4050	3560	3130	2750	2420
6.7	6440	6440	5860	5150	4520	3980	3500	3070	2700	2370
6.8	6290	6290	5720	5030	4420	3890	3420	3000	2640	2320
6.9	6120	6120	5560	4890	4300	3780	3320	2920	2570	2250
7.0	5910	5910	5370	4720	4150	3650	3210	2820	2480	2180
7.1	5670	5670	5150	4530	3980	3500	3080	2700	2380	2090
7.2	5390	5390	4900	4310	3780	3330	2920	2570	2260	1990
7.3	5080	5080	4610	4060	3570	3130	2760	2420	2130	1870
7.4	4730	4730	4300	3780	3320	2920	2570	2260	1980	1740
7.5	4360	4360	3970	3490	3060	2690	2370	2080	1830	1610
7.6	3980	3980	3610	3180	2790	2450	2160	1900	1670	1470
7.7	3580	3580	3250	2860	2510	2210	1940	1710	1500	1320
7.8	3180	3180	2890	2540	2230	1960	1730	1530	1330	1170
7.9	2800	2800	2540	2240	1960	1730	1520	1330	1170	1030
8.0	2430	2430	2210	1940	1710	1500	1320	1160	1020	897
8.1	2101	2101	1910	1680	1470	1290	1140	1000	879	773
8.2	1790	1790	1630	1430	1260	1110	973	855	752	661
8.3	1520	1520	1390	1220	1070	941	827	727	639	562
8.4	1290	1290	1170	1030	906	796	700	615	541	475
8.5	1090	1090	990	870	765	672	591	520	457	401
8.6	920	920	836	735	646	568	499	439	386	339
8.7	788	788	707	622	547	480	422	371	326	287
8.8	661	661	601	528	464	408	359	315	277	244
8.9	565	565	513	451	397	349	306	269	237	208
9.0	486	486	442	389	342	300	264	232	204	179

*At 15 C and above, the criterion for fish *ELS absent* is the same as the criterion for fish *ELS present*

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- (8) A plant nutrient, excessive amounts of which may cause undesirable aquatic life.
- (9) Approved methods of sample preservation, collection, and analysis for determining compliance with the standards set forth in FPWQCT are found in:
 - 1) 40 CFR Part 136 "Guidelines Establishing Test Procedures for the Analysis of Pollutants", July 1, 1992, and;
 - 2) The Environmental Protection Agency's (EPA) Methods for the Determination of Metals in Environmental Samples, EPA/600 4-91/010, dated June 1991, or equivalent, as determined by the Department.

(10) Radionuclides consisting of alpha emitters, beta emitters and gamma emitters are classified as carcinogens. "Alpha emitters" means the total radioactivity due to alpha particle emission. "Beta emitters" means the total radioactivity due to beta particle emission. "Gamma emitters" means the total radioactivity due to gamma particle emission. The emitters covered under this Standard include but are not limited to: Cesium, radioactive Iodine, radioactive Strontium-89 and -90, radioactive Tritium Gamma photon emitters.

Deleted: Radionuclide photon-emitters consisting of either beta or gamma emitters and are classified as carcinogenic. Their associated Standard is based upon a 4 mrem ede/yr exposure. This exposure is based upon daily ingestion of 2 liters of water. The emitters covered under this Standard are:

(11) Chemicals which are not individually classified as carcinogens but which are contained within a class of chemicals with carcinogenicity as the basis for the Standard derivation for that class of chemicals; an individual carcinogenicity assessment for these chemicals is pending.

Deleted: X Cesium, radioactive -X Iodine, radioactive -X Strontium -89 and -90, radioactive -X Tritium -X Gamma photon emitters

(12) Freshwater aquatic life criteria for these metals are expressed as a function of total hardness (mg/L, CaCO₃). The values displayed in the chart correspond to a total hardness of 25 mg/L. The hardness relationship is as follows:

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	Acute= exp.{ma[ln(hardness)] +ba}		Chronic= exp.{mc[ln(hardness)] +bc}	
	ma	ba	mc	bc
Cadmium	0.9789	-3.866	0.7977	-3.909
Chromium (III)	0.819	3.7256	0.819	0.6848
Lead	1.273	-1.46	1.273	-4.705
Nickel	0.846	2.255	0.846	0.0584
Silver	1.72	-6.52		
Zinc	0.8473	0.884	0.8473	0.884

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Note: If the hardness is <25 mg/L as CaCO₃, the number 25 must be used in the calculation. If the hardness is greater than or equal to 400 mg/L as CaCO₃, 400 mg/L must be used in the calculation.

(13) Conditional limitations based upon Water-Use Designations. See Narrative Criteria of Water Quality Standards document. Refer to Appendix C for additional information on pH, temperature, and E. coli.

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(14) Freshwater aquatic life criteria for pentachlorophenol is dependent on pH. Values displayed in the chart correspond to a pH of 6.5 and are calculated as follows:

$$\text{Acute} = \exp[1.005(\text{pH}) - 4.869] \quad \text{Chronic} = \exp[1.005(\text{pH}) - 5.134]$$

(15) Freshwater aquatic life criteria for dissolved oxygen in milligrams per liter are as follows:

	Criteria for Waters Classified		Criteria for Waters Classified	
	A-1, B-1, B-2, C-1, and C-2		B-3, C-3, and I	
	Early Life Stages ^a	Other Life Stages	Early Life Stages ^a	Other Life Stages
30 Day Mean	N/A ^b	6.5	N/A ³	5.5
7 Day Mean	9.5 (6.5)	N/A ^c	6.0	N/A ^c
7 Day Mean Minimum	N/A ^c	5.0	N/A ^c	4.0
1 Day Minimum ^d	8.0 (5.0)	4.0	5.0	3.0

^a These are water column concentrations recommended to achieve the required inter-gravel dissolved oxygen concentrations shown in parentheses. For species that have early life stages exposed directly to the water column, the figures in parentheses apply.

^b Includes all embryonic and larval stages and all juvenile forms of fish to 30-days following hatching.

^c N/A (Not Applicable).

^d All minima should be considered as instantaneous concentrations to be achieved at all times.

(16) Aquatic Life Standards apply to surface waters only and are based upon the analysis of samples following a total recoverable digestion procedure.

(17) The Human Health Criteria apply to all waters with a public water supply and/or an aquatic life use. For surface waters the Standard is the more restrictive of either the Aquatic Life Standard or the Human Health Standard. Sources for the criteria include Priority Pollutant Criteria, Maximum Contaminant Levels for Drinking Water, Secondary Maximum Contaminant Levels, Health Advisories from EPA Drinking Water Standards & Health Advisories (Oct 1996) and National Recommended Water Quality Criteria.

Source of the criteria used to derive the standard:

PP = priority pollutant criteria

NPP = non-priority pollutant criteria

MCL = maximum contaminate level from the drinking water regulations

SMCL = secondary maximum contaminate level

HA = health advisory all from EPA's "Drinking Water Standards and Health Advisories" (October 1996)

I = standard derived from data obtained from federal data sources available on the Internet

NRWQC = National Recommended Water Quality Criteria

(18) The Narrative Standards are located in the Water Quality Standards, Narrative Criteria section.

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Cool Water Aquatic life - Warm Water Aquatic Life 1 & 2¹

Cool Water Aquatic Life 2¹

Early Life - Other Life - Early Life - Other Life¹

Stages - Stages - Stages - Stages - Stages - Stages¹

30 Day Mean - N/A - 6.5 - N/A - 5.5¹

7 Day Mean - 9.5 (6.5) - NA - 6.0 - NA¹

7 Day Mean Minimum - N/A - 5.0 - N/A - 4.0¹

1 Day Minimum - 8.0 (5.0) - 4.0 - 5.0 - 3.0¹

^a These are water column concentrations recommended to achieve the required inter-gravel dissolved oxygen concentrations shown in parentheses.

For species that have early life stages exposed directly to the water column, the figures in parentheses apply.

^b Includes all embryonic and larval stages and all juvenile forms to 30-days following hatching.

^c N/A (Not Applicable).

^d All minima should be considered as instantaneous concentrations to be achieved at all times.

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- (19) The required 'Reporting Value' is the Department's best determination of a level of analysis that should be achieved in routine sampling. It is based on levels actually achieved at both commercial and government laboratories in Montana using accepted methods. 'Reporting Value' is the detection level that must be achieved in reporting ambient or compliance monitoring results to the Department. Higher detection levels may be used if it has been demonstrated that the higher detection levels will be less than 10% of the expected level of the sample.
- (20) Applicable to surface waters only.
- (21) Based on taste & Odor threshold guide in EPA 822-f-97-008, Dec 1997.
- (22) Estimated Detection Levels (EDL's) are used as "Trigger Values" whenever MDL's are unavailable. Trigger Values are used to determine whether-or-not a given increase in the concentration of Toxic parameters is significant or non-significant as per the non-degradation rules.
- (23) Levels of individual petrochemicals in the water column should not exceed 0.010 of the lowest continuous flow 96-hour LC₅₀ to several important freshwater species, each having a demonstrated high susceptibility to oils and petrochemicals.
- (24) Settleable and suspended solids should not reduce the depth of the compensation point for photosynthetic activity by more than 10 percent from the seasonally established norm for aquatic life.
- (25) CASRN is an acronym for the American Chemical Society's Chemical Abstracts Service Registry Number.
- (26) NIOSH RTECS number is a unique number used for accession to the National Institute for Occupational Safety and Health (NIOSH) Registry of Toxic Effects of Chemical Substances.
- (27) SAX number in the format AAA123 is a unique number for identification of materials in the Dangerous Properties of Industrial Materials, authors N. Irving Sax and Richard J. Lewis, publisher Van Nostrand Reinhold.
- (28) Calculation of an equivalent concentration of 2,3,7,8-TCDD is to be based on congeners of CDDs/CDFs and the toxicity equivalency factors (I-TEEs/89) in Table 2 part II, Interim Procedures of Estimating Risks Associated with Exposures to Mixtures of Chlorinated Dibenzo-p-Dioxins and -Dibenzofurans (CDDs and CDFs) and 1989 Update, EPA/625/3-89/016, March 1989. The analysis method to be used is EPA Method 1613, Revision B, Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution HRGC/HRMS, 40 CFR 136.3 (1 July 1988 Edition).
- (29) The criterion has been revised to reflect the EPA q1* or Rfd. The IRIS values as of May 17, 2002 are represented. IRIS information is presented in some cases even though it may not be used to calculate criteria. (45FR793457) (EPA-822-B-00-004, October 2000). Rfd is available in IRIS, the surface water criteria for chloroform will not be update until the National Primary Drinking Water Regulations Stage 2 is complete. It is anticipated the Public comment will address Chloroform regarding the disinfectant and disinfection by products

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- (30) This value was derived from data for heptachlor and the criteria document provides insufficient data to estimate the relative toxicities of heptachlor and heptachlor epoxide.
- (31) National Recommended Water Quality Criteria. 2006.
- (32) Recommended trigger values and reporting limits. Circular DEQ-7. February 2008.
- (33) BaP bioconcentration factor used. BaP is moderately persistent in the environment, bioaccumulates within aquatic organisms that cannot metabolize it. Consumer Factsheet. U.S.EPA. drinking water and health pages. http://www.epa.gov/OGWDW/dw_contamfs/benzopyr.html.
- (34) Although there are no completed criteria, it is the EPA's understanding that sufficient data exists to allow for calculation for aquatic criteria.
- (35) Reserved
- (36) EPA is not promulgating human health criterion for this contaminant. It is recommended that permit authorities should address these contaminants in NPDES permit actions utilizing their state's existing criterion for toxic pollutants.
- (37) This criterion applies to total pcbs,(e.g., the sum of all congener or all isomer or homolog or Aroclor analyses.)
- (38) This criterion revised to reflect the fish tissue bio-concentration factor. The cancer slope factor or reference dose contained in the I.R.I.S as of (Final FRNotice June 10, 2009)
- (39) EPA has issued a more stringent MCL. Refer to the drinking water regulations (40CFR141).
- (40) The organoleptic effect criterion is more stringent than the value given for the priority toxic pollutant.
- (41) This criterion is based on the MCL issued by EPA. Refer to drinking water regulations (40 CFR 141) or Safe Drinking Water Hotline (1-800-426-4791) for details on the derivation of these values.
- (42) This recommended water quality criterion was derived from data for arsenic (III), but is applied here to total arsenic, which implies that arsenic (III) and arsenic (V) are equally toxic to aquatic life and that their toxicities are additive. The arsenic criteria document (EPA 440/5-84-033, January 1985), Species Mean Acute Values, are given for both arsenic (III) and arsenic (V) for five species and the ratios of the SMAV, for each species range from 0.6 to 1.7. Chronic values are available for both arsenic (III) and arsenic

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(V) for one species; for the fathead minnow, the chronic value for arsenic (V) is 0.29 times the chronic value for arsenic (III). No data are known to be available concerning whether the toxicities of the forms of arsenic to aquatic organisms are additive.

- (43) The human health criterion is the same as originally published in the Red Book which predates the 1980 methodology and did not utilize the fish ingestion BCF approach. This same criterion value is now published in the Gold Book.
- (44) This Criterion is based on 304(a) aquatic life criterion issued in 1980 and, or 1986, were issued in one of the following documents: Aldrin/Dieldrin (PDF) (153 pp., 7.3 MB) (EPA 440/5-80-019), Chlordane (PDF) (68 pp., 3.1 MB) (EPA 440/5-80-027), DDT (PDF) (175 pp., 8.3 MB) (EPA 440/5-80-038), Endosulfan (PDF) (155 pp., 7.3 MB) (EPA 440/5-80-046), Endrin (PDF) (103 pp., 4.6 MB) (EPA 440/5-80-047), Heptachlor (PDF) (114 pp., 5.4 MB) (EPA 440/5-80-052), Hexachlorocyclohexane (PDF) (109 pp., 4.8 MB) (EPA 440/5-80-054), Silver (EPA 440/5-80-071). The minimum requirements and derivation procedures were different in the 1980 Guidelines than in the 1985 Guidelines (PDF) (104 pp., 3.3 MB) . For example, a "CMC" derived using the 1980 Guidelines was derived to be used as an instantaneous maximum. If an assessment is done using an averaging period, the values given are divided by 2 to obtain a value that is more comparable to a CMC derived using the 1985 Guidelines. Polychlorinated biphenyls (EPA 440/5-80-068), Toxaphene (EPA 440/5-86-006). This CCC is currently based on the Final Residue Value (FRV) procedure. Since the publication of the Great Lakes Aquatic Life Criteria Guidelines in 1995 (60 FR 15393-15399, March 23, 1995), the Environmental Protection Agency no longer uses the Final Residue Value procedure for deriving CCCs for new or revised 304(a) aquatic life criteria. Therefore, the Environmental Protection Agency anticipates that future revisions of this CCC will not be based on the FRV procedure.
- (45) This value was derived as presented in the Red Book. (EPA/9-76-023, July 1976)
- (46) 68 FR 75510. Recalculation of these fifteen criteria for human health should consider the incidental ingestion for criteria with low BCF. Utilizing current daily fish intake, relative source contribution, and updated toxicological data.
- (47) This value was derived from endosulfan data, and is more pertinent to the sum of alpha-endosulfan and beta-endosulfan.
- (48) This criterion pertains only to DDT and its metabolites (i.e., the total concentration of DDT and its metabolites should not exceed this value).
- (49) The criterion for manganese is not based on toxic effects; it is intended to minimize objectionable qualities such as laundry stains and objectionable tastes in beverages.

(50) Reserved

(51)

Deleted: EPA announced the availability of a draft updated tributyltin (TBT) document on August 7, 1997 (62 FR 42554). EPA has re-evaluated this document and anticipates releasing an updated document for public comment in the near future.

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Page 47: [11] Deleted **Laurie Shafer** **6/19/17 9:35:00 AM**

<p>delta-Hexachlorocyclohexane ' ' --- ' δ-BHC ' delta-BHC ' HCH-delta ' delta-HCH ' Δ-BHC ' Δ-Lindane ' delta-Lindane ' δ <u>Hexachlorocyclohexane</u> ' delta- Benzenhexachloride ' Hexachlorocyclohexane-delta ' Hexachlorocyclohexane, delta- ' Cyclohexane, delta-1,2,3,4,5,6-Hexachloro- ' delta-1,2,3,4,5,6- Hexachlorocyclohexane ' 1-alpha,2-alpha,3-alpha,4- beta,5-alpha,6-beta-Hexachlorocyclohexane ' Cyclohexane, delta-1,2,3,4,5,6-Hexachloro-, (1-alpha, 2-alpha, 3-alpha, 4-beta, 5-alpha, 6-beta)-</p>	<p>319868 or 319-86-8 NIOSH: GV 4550000 SAX: BFW500</p>	<p>Toxin</p>	<p>---</p>	<p>---</p>	<p>130</p>
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Copper	0.9422	-1.700	0.8545	-1.702
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