

**CCWF 10-YEAR TRAVEL TIME
WATER QUALITY**

**Table C-2 Chino Creek Well Field Proposed Water Quality and Regulatory Limits
Chino Desalter Phase 3 PDR
JCSD/Ontario/WMMWD**

Chemical	Maximum Result	Minimum Result	Average Result	USEPA Primary MCLS	CDPH Primary MCLS	CDPH Notification	
						(Response) Level	Secondary MCLS
1,1,1-Trichloroethane (µg/L)	ND	ND	ND	200	200		
1,1,2,2-Tetrachloroethane (µg/L)	ND	ND	ND	-	1		
1,1,2-Trichloro-1,2,2-Trifluoroethane (µg/L)	6.5	0.5	2.01	-	1,200		
1,1,2-Trichloroethane (µg/L)	3.8	0.5	0.40	5	5		
1,1-Dichloroethane (µg/L)	0.5	0.5	0.5	-	5		
1,1-Dichloroethylene (µg/L)	9	0.5	0.45	7	6		
1,2,3-Trichloropropane (µg/L)	3.1	0	0.39			0.005 (0.5)	
1,2,4-Trimethylbenzene (mg/L)	ND	ND	ND			0.33 (3.3)	
1,2-Dichlorobenzene (µg/L)	ND	ND	ND	600	600		
1,2-Dichloroethane (µg/L)	3.1	0.5	0.35	5	0.5		
1,2-Dichloropropane (µg/L)	ND	ND	ND	5	5		
1,3,5-Trimethylbenzene (mg/L)	ND	ND	ND			0.33 (3.3)	
1,3-Dichloropropene (µg/L)	ND	ND	ND		0.5		
1,4-Dichlorobenzene (µg/L)	ND	ND	ND	75	5		
1,4-Dioxane (µg/L)	ND	ND	ND			3 (300)	
2,3,7,8-TCDD (Dioxin (µg/L)	ND	ND	ND	3x10 ⁻⁵	3x10 ⁻⁵		
2,4,5-TP (silvex) (µg/L)	ND	ND	ND	50	50		
2,4,6-Trinitrotoluene (µg/L)	NA	NA	NA			1 (100)	
2,4-D (µg/L)	ND	ND	ND	70	70		
2-Chlorotoluene (mg/L)	ND	ND	ND			0.14 (1.4)	

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Chemical	Maximum Result	Minimum Result	Average Result	USEPA Primary MCLS	CDPH Primary MCLS	CDPH Notification (Response) Level	Secondary MCLS
4-Chlorotoluene (mg/L)	ND	ND	ND			0.14 (1.4)	
Alachlor (µg/L)	ND	ND	ND	2	2		
Alkalinity (mg/L as CaCO ₃)	809	61	254				
Aluminum (µg/L)	15.9	0.029	0.30		1000		200
Ammonia-Nitrogen (mg/L)	3.3	0.07	0.10				
Antimony (µg/L)	1.1	0.6	1.27	6	6		
Arsenic (µg/L)	0.03	0.001	0.004	10	10		
Asbestos (MFL)	ND	ND	ND	7	7		
Atrazine (µg/L)	ND	ND	ND	3	1		
Barium (µg/L)	0.33	0	0.094	2,000	1,000		
Bentazone (µg/L)	ND	ND	ND	-	18		
Benzene (µg/L)	ND	ND	ND	5	1		
Benzo (a) Pyrene (µg/L)	ND	ND	ND	0.2	0.2		
Beryllium (µg/L)	0.002	0.001	0.001	4	4		
Bicarbonate Alkalinity (mg/L as CaCO ₃)	986	50.0	308				
Boron (mg/L)	1.1	0.053	0.18			1 (10)	
Cadium (µg/L)	0.002	0	0	5	5		
Calcium (mg/L)	460	3.98	135				
Carbon Disulfide (mg/L)	ND	ND	ND			0.16 (1.6)	
Carbon Tetrachloride (µg/L)	ND	ND	ND	5	0.5		
Carbonate Alkalinity (mg/L as CaCO ₃)	23.4	1.80	1.84				

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Chemical	Maximum Result	Minimum Result	Average Result	USEPA Primary MCLS	CDPH Primary MCLS	CDPH Notification (Response) Level	Secondary MCLS
Chlorodane (µg/L)	ND	ND	ND	2	0.1		
Chloride (mg/L)	460	5	106				250
Chromium (µg/L)	615	0.5	25.2	100	50		
Chromium VI (Hexavalent) (µg/L)	6	0.3	3.34				
cis-1,2-Dichloroethylene (µg/L)	45	0.5	10.3	70	6		
Color (units)	100	3	5.34				15
Copper (mg/L)	0.017	0.001	0.01	1.3	1.3		1
Corrosivity Index (mg/L)	1.4	-1.1	0.34				Non-corrosive
Cyanide (µg/L)	ND	ND	ND	200	150		
Dalapon (µg/L)	ND	ND	ND	200	200		
di (2-Ethylhexyl) Adipate (µg/L)	ND	ND	ND	400	400		
di (2-Ethylhexyl) Phthalate (µg/L)	8.3	0.77	1.97	6	4		
Dibromochloropropane (DBCP) (µg/L)	ND	ND	ND	0.2	0.2		
Dichlorodifluoromethane (mg/L)	ND	ND	ND			1 (10)	
Dichloromethane (µg/L)	ND	ND	ND	5	5		
Dinoseb (µg/L)	ND	ND	ND	7	7		
Endothall (µg/L)	ND	ND	ND	100	100		
Endrin (µg/L)	ND	ND	ND	2	2		
Ethylbenzene (µg/L)	ND	ND	ND	700	300		
Ethylene Dibromide (µg/L)	ND	ND	ND	0.05	0.05		

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Chemical	Maximum Result	Minimum Result	Average Result	USEPA Primary MCLS	CDPH Primary MCLS	CDPH Notification	
						Level (Response)	Secondary MCLS
Ethylene Glycol (mg/L)	NA	NA	NA			14 (140)	
Fluoride (mg/L)	1.2	0.06	0.34		2		2
Foaming Agents (mg/L)	0.14	0.05	0.046				0.5
Formaldehyde (mg/L)	NA	NA	NA			0.1 (1)	
Gross Alpha (pCi/L)	21.6	0.30	10.2	15	15		
Gross Beta (pCi/L)	5.4	4.8	3.38	4 mREM/yr.	4 mREM/yr.		
Heptachlor (µg/L)	ND	ND	ND	0.4	0.01		
Heptachlor Epoxide (µg/L)	ND	ND	ND	0.2	0.01		
Hexachlorobenzene (µg/L)	ND	ND	ND	1	1		
HMX (mg/L)	NA	NA	NA			0.35 (3.5)	
Iron (mg/L)	58	0.016	0.90				0.3
Isopropylbenzene (mg/L)	ND	ND	ND			0.77 (7.7)	
Kjeldal Nitrogen (Total) (mg/L)	3.3	0.1	0.40				
Langelier Index @ Source Temp.	1.4	-0.5	0.69				
Lead (µg/L)	0.053	0.001	0.002	15	15		
Lindane (µg/L)	ND	ND	ND	0.2	0.2		
Magnesium (mg/L)	100	0.261	27.9				
Manganese (mg/L)	48	0.001	0.37			0.5 (5)	0.05
Mercury (µg/L)	0.009	0	0	2	2		
Methoxychlor (µg/L)	ND	ND	ND	40	30		

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Chemical	Maximum Result	Minimum Result	Average Result	USEPA Primary MCLs	CDPH Primary MCLs	CDPH Notification	
						(Response) Level	Secondary MCLs
Methyl Isobutyl Ketone (mg/L)	ND	ND	ND			0.12 (1:2)	
Methyl-tert-butyl-ether (µg/L)	ND	ND	ND	-	13		5
Molinate (µg/L)	ND	ND	ND	-	20		
Monochlorobenzene (µg/L)	0.6	0.6	0.6	100	70		
Naphthalene (mg/L)	0.7	0.6	0.35			0.017 (0.17)	
n-Butylbenzene (mg/L)	ND	ND	ND			0.26 (2.6)	
n-Propylbenzene (mg/L)						0.26 (2.6)	
Nickel (µg/L)	0.26	0.001	0.019	-	100		
Nitrate-Nitrogen (mg/L)	159	0.16	31.2	10	10 or 45 mg/L as NO ₃		
Nitrate and Nitrite as N							
Nitrite-Nitrogen (mg/L)	4.4	0	0.14	1	1		
N-Nitrosodiethylamine (NDEA) (µg/L)	NA	NA	NA			0.01 (0.2)	
N-Nitrosodimethylamine (NDMA) (µg/L)	ND	ND	ND			0.01 (0.1)	
N-Nitrosodi-n-propylamine (NDPA) (µg/L)	NA	NA	NA			0.01 (0.5)	
Odor Threshold @ 60°C (TON)	40	1	1.88				3
Pentachlorophenol (µg/L)	ND	ND	ND	1	1		
Perchlorate (µg/L)	ND	ND	ND			6 (60)	
pH	9.1	6.34	7.59				6.5-8.5
Picloram (µg/L)	ND	ND	ND	500	500		

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Chemical	Maximum Result	Minimum Result	Average Result	USEPA Primary MCLS	CDPH		
					Primary MCLS	Notification (Response) Level	Secondary MCLS
Polychlorinated Biphenyls (µg/L)	ND	ND	ND	0.5	0.5		
Potassium (mg/L)	18	1	3.13				
Propachlor (mg/L)	ND	ND	ND			0.09 (0.9)	
RDX (µg/L)	NA	NA	NA			0.3 (30)	
sec-Butylbenzene (mg/L)	ND	ND	ND			0.26 (2.6)	
Selenium (µg/L)	0.019	0.002	0.004	50	50		
Silica (mg/L)	46	1.7	26.8				
Silver (µg/L)	0	0	0.002				100
Simazine (µg/L)	ND	ND	ND	4	4		
Sodium (mg/L)	211	20.7	75.9				
Source Temperature (°C)	2973	2.1	1086				
Specific Conductance (µΩ)	3093	208	1171				900
Strontium (mg/L)	4.1	0.22	1.67				
Styrene (µg/L)	ND	ND	ND	100	100		
Sulfate (mg/L)	650	20	120				250
Tert-butyl Alcohol (mg/L)	2.1	2	1.39			0.012 (1.2)	
Tert-butyl Benzene (mg/L)	ND	ND	ND			0.26 (2.6)	
Tetrachloroethylene (µg/L)	2.6	0.5	0.36	5	5		
Thallium (µg/L)	ND	ND	ND	2	2		
Thiobencarb (µg/L)	ND	ND	ND	-	-		1
Toluene (µg/L)	4.6	0.5	0.37	1,000	150		

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Chemical	Maximum Result	Minimum Result	Average Result	USEPA Primary MCLS	CDPH Primary MCLS	CDPH Notification	
						(Response) Level	Secondary MCLS
Total Dissolved Solids (mg/L)	2700	140	795				
Total Hardness (mg/L as CaCO ₃)	1430	11.0	451				
Total Inorganic Nitrogen (mg/L)	159	0.23	31.9				
Total Nitrate, as N (mg/L)	102	0.35	34.1	10	10		
Total Organic Carbon (mg/L)	14	0.1	1.50				
Total Radon 222 (pCi/L)	300	95	197				
Toxaphene (µg/L)	ND	ND	ND	3	3		
trans-1,2-Dichloroethylene (µg/L)	4.2	0.8	0.41	100	10		
Trichloroethylene (µg/L)	910	0.51	23.5	5	5		
Trichlorofluoromethane (µg/L)	150	0.6	2.24	-	150		
Tritium (pCi/L)	NA	NA	NA	20,000	20,000		
Turbidity (NTU)	1670	0.1	10.8	0.3 (95% of samples, conv'l trtmt.)			5
Uranium (pCi/L)	22.6	4.43	13.6	20	20		
Vanadium (mg/L)	0.018	0.001	0.009			0.05 (0.5)	
Vinyl Chloride (µg/L)	ND	ND	ND	2	0.5		
Xylenes (µg/L)	ND	ND	ND	10,000	1,750		
Zinc (mg/L)	2.7	0.001	0.029				5

Proposed Chino Creek Well Field Water Quality Data 2004 - 2008
10 Year Event Horizon

Chemical	Units	Maximum Result	Minimum Result	Average Result*	Detection Limit	Sample Count	ND Count
1,1,1,2-Tetrachloroethane	ug/L	ND	ND	ND	0.5	282	282
1,1,1-Trichloroethane	ug/L	ND	ND	ND	0.5	282	282
1,1,2,2-Tetrachloroethane	ug/L	ND	ND	ND	0.5	282	282
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	6.5	0.5	2.011	0.5	271	268
1,1,2-Trichloroethane	ug/L	3.8	0.5	0.396	0.5	371	361
1,1-Dichloroethane	ug/L	0.5	0.5	0.5	0.5	341	340
1,1-Dichloroethene	ug/L	9	0.5	0.448	0.5	348	329
1,1-Dichloropropene	ug/L	ND	ND	ND	0.5	277	277
1,2,3-Trichlorobenzene	ug/L	0.5	0.5	0.5	0.5	277	276
1,2,3-Trichloropropene	ug/L	3.1	0	0.389	0.5	362	236
1,2,4-Trichlorobenzene	ug/L	ND	ND	ND	0.5	277	277
1,2,4-Trimethylbenzene	ug/L	ND	ND	ND	0.5	277	277
1,2-Dibromo-3-chloropropane	ug/L	ND	ND	ND	0.01	58	58
1,2-Dichlorobenzene	ug/L	ND	ND	ND	0.5	282	282
1,2-Dichloroethane	ug/L	3.1	0.5	0.351	0.5	371	367
1,2-Dichloropropene	ug/L	ND	ND	ND	0.5	282	282
1,3,5-Trichlorobenzene	ug/L	ND	ND	ND	0.5	4	4
1,3,5-Trimethylbenzene	ug/L	ND	ND	ND	0.5	273	273
1,3-Dichlorobenzene	ug/L	1	0.5	0.344	0.5	386	384
1,3-Dichloropropene	ug/L	ND	ND	ND	0.5	277	277
1,3-Dichloropropene	ug/L	96.5	94	1.154	0.5	238	236
1,3-Dimethyl 2-Nitrobenzene	ug/L	24.8	21	22.814	ND	7	0
1,4-Dichlorobenzene	ug/L	ND	ND	ND	0.5	282	282
1,4-Dioxane	ug/L	ND	ND	ND	31	16	16
2,2-Dichloropropene	ug/L	ND	ND	ND	0.5	277	277
2,3,7,8-Tetrachlorodibenzo-p-dioxin	ug/L	ND	ND	ND	0	42	42
2,4,5-T	ug/L	ND	ND	ND	0.2	7	7
2,4-DB	ug/L	ND	ND	ND	2	7	7
2,4-Dichlorophenoxyacetic acid	ug/L	ND	ND	ND	10	55	55
2,4-Dinitrotoluene	ug/L	ND	ND	ND	0.1	2	2
2,6-Dinitrotoluene	ug/L	ND	ND	ND	0.1	2	2
2-Chloroethylvinyl ether	ug/L	ND	ND	ND	1	13	13
2-Chlorotoluene	ug/L	ND	ND	ND	0.5	277	277
2-Hexanone	ug/L	ND	ND	ND	ND	5	5
3,5-Dichlorobenzoic Acid	ug/L	ND	ND	ND	0.5	7	7
3-Hydroxycarbofuran	ug/L	ND	ND	ND	3	44	44
4-Chlorotoluene	ug/L	ND	ND	ND	0.5	277	277
Acenaphthene	ug/L	ND	ND	ND	0.1	2	2
Acenaphthylene	ug/L	ND	ND	ND	0.1	2	2
Acetochlor	ug/L	ND	ND	ND	0.1	2	2
Acetone	ug/L	ND	ND	ND	ND	5	5
Acifluorfen	ug/L	ND	ND	ND	0.2	7	7
Acrylonitrile	ug/L	ND	ND	ND	ND	5	5
Aggressiveness Index	Assessme	13	11	12.477	0.1	44	0
Alachlor	ug/L	ND	ND	ND	1	55	55
Aldicarb	ug/L	ND	ND	ND	3	44	44
Aldicarb Sulfone	ug/L	ND	ND	ND	2	44	44
Aldicarb Sulfoxide	ug/L	ND	ND	ND	3	44	44
Aldrin	ug/L	ND	ND	ND	0.075	55	55
Alkalinity	mg/L	809	61	253.639	1	286	0
Alpha, minimum detectable activity	pci/L	4.6	1.3	2.66	ND	21	0
Alpha-BHC	ug/L	ND	ND	ND	0.1	2	2

Proposed Chino Creek Well Field Water Quality Data 2004 - 2008
10 Year Event Horizon

Chemical	Units	Maximum Result	Minimum Result	Average Result*	Detection Limit	Sample Count	ND Count
Alpha-Chlordane	ug/L	ND	ND	ND	0.05	2	2
Aluminum	mg/L	15.9	0.029	0.296	0.025	189	124
Ammonia-Nitrogen	mg/L	3.3	0.07	0.101	0.1	221	172
Anion Sum	meq/L	39	2.3	11.102	0.1	218	11
Anthracene	ug/L	ND	ND	ND	0.02	2	2
Antimony	ug/L	1.1	0.6	1.27	0.5	175	155
Arsenic	mg/L	0.03	0.001	0.004	0.002	184	69
Asbestos	MFL	ND	ND	ND	0.2	44	44
Atrazine	ug/L	ND	ND	ND	0.5	55	55
Barium	mg/L	0.33	0	0.094	0.001	192	18
Bentazon	ug/L	ND	ND	ND	2	53	53
Benzene	ug/L	ND	ND	ND	0.5	341	341
Benzo(a)anthracene	ug/L	ND	ND	ND	0.05	2	2
Benzo(a)pyrene	ug/L	ND	ND	ND	0.1	55	55
Benzo(b)fluoranthene	ug/L	ND	ND	ND	0.02	2	2
Benzo(g,h,i)perylene	ug/L	ND	ND	ND	0.05	2	2
Benzo(k)fluoranthene	ug/L	ND	ND	ND	0.02	2	2
Beryllium	mg/L	0.002	0.001	0.001	0.001	175	171
Beta, Minimum Detectable Activity	pci/L	3	1.41	2.397	ND	7	0
Beta-BHC	ug/L	ND	ND	ND	0.1	2	2
Beta-Chlordane	ug/L	ND	ND	ND	0.05	2	2
Bicarbonate	mg/L	986.171	49.979	307.732	1.219	286	0
Bis(2-chloroethyl) Ether	ug/L	ND	ND	ND	5	88	88
Boron	mg/L	1.1	0.053	0.182	0.1	189	87
Bromacil	ug/L	ND	ND	ND	10	20	20
Bromobenzene	ug/L	ND	ND	ND	0.5	277	277
Bromochloromethane	ug/L	ND	ND	ND	0.5	282	282
Bromodichloromethane	ug/L	35	0.5	0.523	0.5	282	274
Bromoethane	ug/L	ND	ND	ND	0.5	179	179
Bromoform	ug/L	31	0.6	0.661	0.5	282	272
Bromomethane	ug/L	ND	ND	ND	0.5	282	282
Butachlor	ug/L	ND	ND	ND	0.38	50	50
Butyl Benzyl Phthalate	ug/L	ND	ND	ND	0.5	2	2
Cadmium	mg/L	0.002	0	0	0	189	184
Caffeine	ng/L	ND	ND	ND	50	2	2
Calcium	mg/L	460	3.983	134.935	1	285	0
Carbaryl	ug/L	ND	ND	ND	5	44	44
Carbofuran	ug/L	ND	ND	ND	5	44	44
Carbon Disulfide	ug/L	ND	ND	ND	0.5	15	15
Carbon Tetrachloride	ug/L	ND	ND	ND	0.5	282	282
Carbonate	mg/L	23.381	1.798	1.836	0.6	285	244
Cation Sum	meq/L	35	2.6	11.482	0.1	217	0
Chlordane	ug/L	ND	ND	ND	0.1	55	55
Chloride	mg/L	460	5	106.117	1	274	0
Chlorine	mg/L	305	6	75.7	1	10	0
Chlorobenzene	ug/L	0.6	0.6	0.6	0.5	282	281
Chlorobenzilate	ug/L	ND	ND	ND	0.1	2	2
Chlorodibromomethane	ug/L	8.6	0.8	0.493	0.5	282	272
Chloroethane	ug/L	ND	ND	ND	0.5	282	282
Chloroform	ug/L	96	0.5	1.324	0.5	371	307
Chloromethane	ug/L	0.6	0.6	0.6	0.5	282	281
Chloroneb	ug/L	ND	ND	ND	0.1	2	2

Proposed Chino Creek Well Field Water Quality Data 2004 - 2008
10 Year Event Horizon

Chemical	Units	Maximum Result	Minimum Result	Average Result*	Detection Limit	Sample Count	ND Count
Chlorothalonil	ug/L	ND	ND	ND	0.3	20	20
Chlorpyrifos	ug/L	ND	ND	ND	0.05	2	2
Chromium	ug/L	615	0.5	25.175	0.5	189	19
Chromium (III)	ug/L	47	11	26.179	10	6	1
Chromium (VI)	ug/L	6	0.3	3.339	0.029	49	2
Chrysene	ug/L	ND	ND	ND	0.02	2	2
Cis-1,2-Dichloroethene	ug/L	45	0.5	10.256	0.5	371	333
Cis-1,3-Dichloropropene	ug/L	ND	ND	ND	0.5	267	267
Cobalt	mg/L	0.004	0.001	0.001	0.001	82	69
Color	Assessme	100	3	5.336	3	271	112
Copper	mg/L	0.017	0.001	0.01	0.001	189	91
Corrosivity Index	SI	1.4	-1.1	0.335	ND	82	1
Cyanide	ug/L	ND	ND	ND	100	55	55
Cymene	ug/L	ND	ND	ND	0.5	277	277
Dacthal	ug/L	ND	ND	ND	1	7	7
Dalapon	ug/L	ND	ND	ND	10	55	55
DDD	ug/L	ND	ND	ND	0.1	2	2
DDE	ug/L	ND	ND	ND	0.1	2	2
Decachlorobiphenyl	ug/L	0.279	0.222	0.25	ND	7	0
Delta-BHC	ug/L	ND	ND	ND	0.1	2	2
Di(2-ethylhexyl)adipate	ug/L	ND	ND	ND	5	55	55
Di(2-ethylhexyl)phthalate	ug/L	8.3	0.77	1.972	3	55	52
Diazinon	ug/L	ND	ND	ND	0.25	50	50
Dibenzo(a,h)anthracene	ug/L	ND	ND	ND	0.05	2	2
Dibromomethane	ug/L	0.6	0.6	0.6	0.5	282	281
Dibutyl Phthalate	ug/L	ND	ND	ND	1	2	2
Dicamba	ug/L	ND	ND	ND	1.5	55	55
Dichloroacetic Acid	ug/L	27.9	22.8	25.357	ND	7	0
Dichlorodifluoromethane	ug/L	ND	ND	ND	0.5	277	277
Dichloromethane	ug/L	ND	ND	ND	0.5	282	282
Dichloroprop	ug/L	ND	ND	ND	0.5	7	7
Dichlorvos	ug/L	ND	ND	ND	0.05	2	2
Dieldrin	ug/L	ND	ND	ND	0.02	55	55
Diethyl Phthalate	ug/L	ND	ND	ND	0.5	2	2
Di-isopropyl Ether	ug/L	ND	ND	ND	3	261	261
Dimethoate	ug/L	ND	ND	ND	10	18	18
Dimethyl Phthalate	ug/L	ND	ND	ND	0.5	2	2
Di-n-Octyl Phthalate	ug/L	ND	ND	ND	0.1	2	2
Dinoseb	ug/L	ND	ND	ND	2	55	55
Diquat	ug/L	ND	ND	ND	0.4	44	44
Dissolved Oxygen (field)	mg/L	10.49	0.05	2.626	ND	236	0
Diuron	ug/L	ND	ND	ND	1	18	18
Endosulfan I	ug/L	ND	ND	ND	0.1	2	2
Endosulfan II	ug/L	ND	ND	ND	0.1	2	2
Endosulfan sulfate	ug/L	ND	ND	ND	0.1	2	2
Endothall	ug/L	ND	ND	ND	45	55	55
Endrin	ug/L	ND	ND	ND	0.1	55	55
Endrin Aldehyde	ug/L	ND	ND	ND	0.1	2	2
EPTC	ug/L	ND	ND	ND	0.5	2	2
Ethyl Tert-Butyl Ether	ug/L	ND	ND	ND	3	271	271
Ethylbenzene	ug/L	ND	ND	ND	0.5	280	280
Ethylene Dibromide	ug/L	ND	ND	ND	0.02	62	62

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Chemical	Units	Maximum Result	Minimum Result	Average Result*	Detection Limit	Sample Count	ND Count
Fluoranthene	ug/L	ND	ND	ND	0.1	2	2
Fluorene	mg/L	ND	ND	ND	0	2	2
Fluoride	mg/L	1.2	0.06	0.341	0.1	221	21
Fluorotrichloromethane (Freon 113)	ug/L	ND	ND	ND	0.5	34	34
Foaming Agents	mg/L	0.14	0.05	0.046	0.05	167	125
Glyphosate	ug/L	ND	ND	ND	20	43	43
Gross Alpha	pci/L	21.6	0.299	10.185	3	49	4
Gross Alpha Counting Error	pci/L	5.71	0.942	2.419	ND	49	0
Gross Beta	pci/L	5.4	4.8	3.384	3	7	4
Gross Beta Counting Error	pci/L	1.9	1.2	1.529	ND	7	0
Haloacetic Acids 5 (HAA5)	ug/L	90	90	90	ND	1	0
Heptachlor	ug/L	ND	ND	ND	0.01	55	55
Heptachlor Epoxide	ug/L	ND	ND	ND	0.01	55	55
Hexachlorobenzene	ug/L	ND	ND	ND	0.5	55	55
Hexachlorobutadiene	ug/L	ND	ND	ND	0.5	277	277
Hexachlorocyclopentadiene	ug/L	ND	ND	ND	1	55	55
Hydroxide	mg/L	ND	ND	ND	1	286	286
Indeno(1,2,3-c,d)pyrene	ug/L	ND	ND	ND	0.05	2	2
Iodomethane	ug/L	ND	ND	ND	ND	5	5
Iron	mg/L	58	0.016	0.902	0.015	244	130
Isophorone	ug/L	ND	ND	ND	0.5	2	2
Isopropylbenzene	ug/L	ND	ND	ND	0.5	268	268
Kjeldahl Nitrogen, Total	mg/L	3.3	0.1	0.403	0.5	203	147
Langelier Index @ Source	Assessme	1.4	-0.5	0.689	0	39	1
Lead	mg/L	0.053	0.001	0.002	0.001	189	165
Lindane	ug/L	ND	ND	ND	0.2	55	55
m,p-Xylene	ug/L	11	3.6	1.098	0.5	304	278
Magnesium	mg/L	100.2	0.261	27.884	0.1	285	12
Malathion	ug/L	ND	ND	ND	0.1	2	2
Manganese	mg/L	48	0.001	0.367	0.001	189	72
Mercury	mg/L	0.009	0	0	0	189	180
Methiocarb	ug/L	ND	ND	ND	5	35	35
Methomyl	ug/L	ND	ND	ND	2	44	44
Methoxychlor	ug/L	ND	ND	ND	10	55	55
Methyl Ethyl Ketone	ug/L	8.1	5.1	970.478	5	271	268
Methyl Isobutyl Ketone	ug/L	ND	ND	ND	5	282	282
Methyl Tert-Butyl Ether	ug/L	ND	ND	ND	0.5	336	336
Metolachlor	ug/L	ND	ND	ND	1	50	50
Metribuzin	ug/L	ND	ND	ND	1	50	50
Molinate	ug/L	ND	ND	ND	0.9	55	55
Naphthalene	ug/L	0.7	0.6	0.354	0.5	313	310
n-Butylbenzene	ug/L	ND	ND	ND	0.5	277	277
Nickel	mg/L	0.26	0.001	0.019	0.001	175	72
Nitrate-Nitrogen	mg/L	159	0.16	31.237	0.1	792	16
Nitrite + Nitrate as N	mg/L	85	0.5	24.541	0.1	89	8
Nitrite-Nitrogen	mg/L	4.4	0	0.138	0.01	290	238
Nitrobenzene	ug/L	ND	ND	ND	25	8	8
N-Nitrosodimethylamine	ug/L	ND	ND	ND	0.004	31	31
n-Propylbenzene	ug/L	ND	ND	ND	0.5	277	277
Odor	TON	40	1	1.883	1	232	11
Organic Nitrogen	mg/L	1.6	0.31	0.192	0.2	64	58
Oxamyl	ug/L	ND	ND	ND	2	44	44

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Oxygen Reduction Potential	mV	214.7	-165.9	41.227	ND	89	0
o-Xylene	ug/L	ND	ND	ND	0.5	277	277
Paraquat	ug/L	ND	ND	ND	2	7	7
Parathion	ug/L	ND	ND	ND	0.1	2	2
PCB-1016	ug/L	ND	ND	ND	0.07	7	7
PCB-1221	ug/L	ND	ND	ND	0.1	7	7
PCB-1232	ug/L	ND	ND	ND	0.1	7	7
PCB-1242	ug/L	ND	ND	ND	0.1	7	7
PCB-1248	ug/L	ND	ND	ND	0.1	7	7
PCB-1254	ug/L	ND	ND	ND	0.1	7	7
PCB-1260	ug/L	ND	ND	ND	0.1	7	7
Pentachlorophenol	ug/L	ND	ND	ND	0.2	55	55
Perchlorate	ug/L	ND	ND	ND	4	128	128
Permethrin	ug/L	ND	ND	ND	0.1	2	2
pH	pH	9.1	6.34	7.594	0.01	327	0
pH (field)	pH	9.08	5.26	7.331	ND	150	0
Phenanthrene	ug/L	ND	ND	ND	0.02	2	2
Phosphate	mg/L	0.16	0.04	0.058	0.03	18	8
Phosphorus	mg/L	1.2	0.012	0.072	0.02	93	66
Picloram	ug/L	ND	ND	ND	1	51	51
Polychlorinated Biphenyls	ug/L	ND	ND	ND	0.5	55	55
Potassium	mg/L	18	1	3.131	1	285	6
Prometryn	ug/L	ND	ND	ND	2	50	50
Propachlor	ug/L	ND	ND	ND	0.5	50	50
Propoxur	ug/L	ND	ND	ND	5	35	35
Pyrene	ug/L	ND	ND	ND	0.05	2	2
Radium-226	pci/L	ND	ND	ND	ND	2	2
Radium-226 Counting Error	pci/L	0.084	0.084	0.084	ND	2	0
Radium-228	pci/L	1.2	0.012	0.342	1	41	25
Radium-228 Counting Error	pci/L	1.13	0.301	0.669	ND	41	1
Radium-228 Minimum Detectable Limit	pci/L	1	0.252	0.513	ND	31	0
Radon-222	pci/L	300	95	196.5	50	7	1
Radon-222 Counting Error	pci/L	15	11	12.429	ND	7	0
Sec-Butylbenzene	ug/L	ND	ND	ND	0.5	277	277
Selenium	mg/L	0.019	0.002	0.004	0.002	189	126
Silica	mg/L	46	1.7	26.844	5	535	29
Silicon	mg/L	20	5	11.994	0.5	142	0
Silver	mg/L	0	0	0.002	0	175	166
Silvex	ug/L	ND	ND	ND	1	55	55
Simazine	ug/L	ND	ND	ND	1	55	55
Sodium	mg/L	211	20.735	75.888	5	285	0
Specific Conductance (field)	umhos/cm	2973	2.1	1086.11	ND	192	0
Specific Conductance (lab)	umhos/cm	3093	208	1171.16	10	296	0
Strontium	mg/L	4.1	0.22	1.669	0.05	18	0
Styrene	ug/L	ND	ND	ND	0.5	282	282
Sulfate	mg/L	650	20	119.917	1	284	0
TDS	mg/L	2700	140	794.702	10	788	0
TDS (field)	mg/L	1714	180	876.025	ND	51	0
Temperature	C	27.88	11.5	21.093	ND	161	0
Terbacil	ug/L	ND	ND	ND	0.1	2	2
Tert-Amyl Methyl Ether	ug/L	ND	ND	ND	3	271	271
Tert-Butyl Alcohol	ug/L	2.1	2	1.392	2	132	130

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Chemical	Units	Maximum Result	Minimum Result	Average Result*	Detection Limit	Sample Count	ND Count
Tert-Butylbenzene	ug/L	ND	ND	ND	0.5	277	277
Tetrachloroethene	ug/L	2.6	0.5	0.364	0.5	373	361
Thallium	ug/L	ND	ND	ND	1	165	165
Thiobencarb	ug/L	ND	ND	ND	1	55	55
Titanium	mg/L	ND	ND	ND	0.001	10	10
Toluene	ug/L	4.6	0.5	0.368	0.5	370	364
Total Hardness	mg/L	1430	11.02	451.187	10	277	0
Total Inorganic Nitrogen	mg/L	159.46	0.23	31.864	0.2	85	8
Total Nitrogen	mg/L	102	0.35	34.052	0.2	80	4
Total Organic Carbon	mg/L	14	0.1	1.497	0.1	215	37
Total Xylene	ug/L	ND	ND	ND	1.5	272	272
Toxaphene	ug/L	ND	ND	ND	1	55	55
Trans-1,2-Dichloroethene	ug/L	4.2	0.8	0.405	0.5	371	361
Trans-1,3-Dichloropropene	ug/L	ND	ND	ND	0.5	226	226
Trans-1,4-Dichloro-2-butene	ug/L	ND	ND	ND	ND	5	5
Trans-Nonachlor	ug/L	ND	ND	ND	0.05	2	2
Trichloroethene	ug/L	910	0.51	23.513	0.5	456	271
Trichlorofluoromethane	ug/L	19	0.6	1.398	0.5	337	318
Trifluralin	ug/L	ND	ND	ND	0.1	2	2
Trihalomethanes	ug/L	150	0.6	2.238	0.5	192	162
Turbidity	NTU	1670	0.1	10.769	0.05	283	41
Uranium	pci/L	22.6	4.43	13.623	ND	27	0
Uranium Counting Error	pci/L	2.2	0.73	1.55	ND	27	0
Uranium Minimum Detectable Limit	pci/L	0.76	0.54	0.662	ND	8	0
Vanadium	mg/L	0.018	0.001	0.009	0.001	80	3
Vinyl Acetate	ug/L	ND	ND	ND	ND	5	5
Vinyl Chloride	ug/L	ND	ND	ND	0.3	282	282
Zinc	mg/L	2.7	0.001	0.029	0.001	209	109

* The formula of Detection Limit/ $\sqrt{2}$ is applied to non detect results in order to assign an estimated value to calculate an average result.