Attachment "C" -CTR Objectives for Priority Pollutants

CTR #	Constituent	CAS Number	Water Quality Objective, ug/l
INORGANICS			
1	Antimony	7440360	14
2	Arsenic	7440382	150
15	Asbestos	1332214	7 MFL
3	Beryllium	7440417	none specified
4	Cadmium	7440439	4.3 (a)
5a	Chromium (III)	7440473	550 (a)
5b	Chromium (VI)	18540299	180
6	Copper	7440508	4.1 (a)
14	Cyanide	57125	5.2
7	Lead	7439921	65 (a)
8	Mercury	7439976	none specified
9	Nickel	7440020	470 (a)
10	Selenium	7782492	5
11	Silver	7440224	3.4 (a)
12	Thallium	7440280	1.7
13	Zinc	7440666	120 (a)
VOLATILE ORGANICS			
28	1,1-Dichloroethane	75343	none specified
30	1,1-Dichloroethene	75354	0.057
41	1,1,1-Trichloroethane	71556	none specified
42	1,1,2-Trichloroethane	79005	0.6
37	1,1,2,2-Tetrachloroethane	79345	0.17
75	1,2-Dichlorobenzene	95501	2,700
29	1,2-Dichloroethane	107062	0.38
31	1,2-Dichloropropane	78875	0.52
101	1,2,4-Trichlorobenzene	120821	none specified
76	1,3-Dichlorobenzene	541731	400
32	1,3-Dichloropropene	542756	10
77	1,4-Dichlorobenzene	106467	400
17	Acrolein	107028	320
18	Acrylonitrile	107131	0.059
19	Benzene	71432	1.2
20	Bromoform	75252	4.3
34	Bromomethane	74839	48
21	Carbon tetrachloride	56235	0.25
22	Chlorobenzene (mono chlorobenzene)	108907	680
24	Chloroethane	75003	none specified
25	2- Chloroethyl vinyl ether	110758	none specified
26	Chloroform	67663	0.56
35	Chloromethane	74873	none specified
23	Dibromochloromethane	124481	0.401
27	Dichlorobromomethane	75274	0.56
36	Dichloromethane	75092	4.7

CTR #	Constituent	CAS Number	Water Quality Objective, ug/l
33	Ethylbenzene	100414	3,100
88	Hexachlorobenzene	118741	0.00075
89	Hexachlorobutadiene	87683	0.44
91	Hexachloroethane	67721	1.9
94	Naphthalene	91203	none specified
38	Tetrachloroethene	127184	0.8
39	Toluene	108883	6,800
40	trans-1,2-Dichloroethylene	156605	700
43	Trichloroethene	79016	2.7
44	Vinyl chloride	75014	2
SEMI-VOLATILE ORGANICS			
60	1,2-Benzanthracene	56553	0.0044
85	1,2-Diphenylhydrazine	122667	0.04
45	2-Chlorophenol	95578	120
46	2,4-Dichlorophenol	120832	93
47	2,4-Dimethylphenol	105679	540
49	2,4-Dinitrophenol	51285	70
82	2,4-Dinitrotoluene	121142	0.11
55	2,4,6-Trichlorophenol	88062	2.1
83	2,6-Dinitrotoluene	606202	none specified
50	2-Nitrophenol	25154557	none specified
71	2-Chloronaphthalene	91587	none specified
78	3,3'-Dichlorobenzidine	91941	0.04
62	3,4-Benzofluoranthene	205992	0.0044
52	4-Chloro-3-methylphenol	59507	none specified
48	4,6-Dinitro-2-methylphenol	534521	13.4
51	4-Nitrophenol	100027	none specified
69	4-Bromophenyl phenyl ether	101553	none specified
72	4-Chlorophenyl phenyl ether	7005723	none specified
56	Acenaphthene	83329	1,200
57	Acenaphthylene	208968	none specified
58	Anthracene	120127	9,600
59	Benzidine	92875	0.00012
61	Benzo(a)pyrene (3,4-Benzopyrene)	50328	0.0044
63	Benzo(g,h,i)perylene	191242	none specified
64	Benzo(k)fluoranthene	207089	0.0044
65	Bis(2-chloroethoxy) methane	111911	none specified
66	Bis(2-chloroethyl) ether	111444	0.031
67	Bis(2-chloroisopropyl) ether	39638329	1,400 (b)
68	Bis(2-ethylhexyl) phthalate	117817	1.8
70	Butyl benzyl phthalate	85687	3,000 (c)
73	Chrysene	218019	0.0044
81	Di-n-butylphthalate	84742	2,700 (c)
84	Di-n-octylphthalate	117840	none specified
74	Dibenzo(a,h)-anthracene	53703	0.0044
79	Diethyl phthalate	84662	23,000 (c)

CTR #	Constituent	CAS Number	Water Quality Objective, ug/l
80	Dimethyl phthalate	131113	313,000 (c)
86	Fluoranthene	206440	300
87	Fluorene	86737	1,300
90	Hexachlorocyclopentadiene	77474	240
92	Indeno(1,2,3-c,d)pyrene	193395	0.0044
93	Isophorone	78591	8.4
98	N-Nitrosodiphenylamine	86306	5
96	N-Nitrosodimethylamine	62759	0.00069
97	N-Nitrosodi-n-propylamine	621647	0.005
95	Nitrobenzene	98953	17
53	Pentachlorophenol	87865	0.28
99	Phenanthrene	85018	none specified
54	Phenol	108952	21,000
100	Pyrene	129000	960
PESTICIDES - PCBs			none specified
110	4,4'-DDD	72548	0.00083
109	4,4'-DDE	72559	0.00059
108	4,4'-DDT	50293	0.00059
112	alpha-Endosulfan	959988	0.056 (d)
103	alpha-Hexachlorocyclohexane (BHC)	319846	0.0039
102	Aldrin	309002	0.00013
113	beta-Endosulfan	33213659	0.056 (d)
104	beta-Hexachlorocyclohexane	319857	0.014
107	Chlordane	57749	0.00057
106	delta-Hexachlorocyclohexane	319868	none specified
111	Dieldrin	60571	0.00014
114	Endosulfan sulfate	1031078	110
115	Endrin	72208	0.036
116	Endrin Aldehyde	7421934	0.76
117	Heptachlor	76448	0.00021
118	Heptachlor Epoxide	1024573	0.0001
105	Lindane (gamma-Hexachlorocyclohexane)	58899	0.019
119	PCB-1016	12674112	0.00017 (e)
120	PCB-1221	11104282	0.00017 (e)
121	PCB-1232	11141165	0.00017 (e)
122	PCB-1242	53469219	0.00017 (e)
123	PCB-1248	12672296	0.00017 (e)
124	PCB-1254	11097691	0.00017 (e)
125	PCB-1260	11096825	0.00017 (e)
126	Toxaphene	8001352	0.0002
16	2,3,7,8-TCDD (Dioxin)	1746016	0.000000013

(a) Criteria is function of total hardness in the water body. Value shown corresponds to hardness of 100 mg

(b) for haloethers

(c) for phthalate esters

(d) sum of alpha- and beta- forms

(e) criteria for sum of all PCBs