

Table A4  
Donald C. Tillman Water Reclamation Plant  
Summary of Priority Pollutants Effluent Data  
(CA0056229, CI-5696)

CTR No.	Priority Pollutant	No. of Data	Maximum detected	Max monthly	No. Non-detects	Stdev (1/2DL)	Average (1/2DL)	CV
1	Antimony	47	1.45	1.45	36	1.370313	2.331489	0.587741
2	Arsenic	106	8.89	8.89	4	1.579456	3.098396	0.509766
3	Beryllium	49	0.7	0.7	44	0.200191	0.280755	0.6*
4	Cadmium	106	2.7	2.7	88	0.392358	0.502849	0.6*
5a	Chromium III	27	26.9	26.9	7	5.141766	2.144444	2.397715
5b	Chromium VI	16	10	10	14	2.358495	1.9375	0.6*
5	Chromium (total)	79	8.6	8.6	57	1.897933	2.727608	0.695823
6	Copper	112	47.3	47.3	2	6.708416	22.73088	0.295123
7	Lead	106	20.1	20.1	70	2.370209	2.384434	0.994034
8	Mercury	106	0.53	0.53	78	0.077723	0.092377	0.84136
9	Nickel	106	34.5	34.5	48	5.91121	7.152632	0.826438
10	Selenium	106	6.7	6.7	40	0.87965	0.832151	1.05708
11	Silver	106	5.3	5.3	42	0.861792	0.792443	1.087512
12	Thallium	46	2.3	2.3	38	1.01074	1.391261	0.6*
13	Zinc	106	84	84	1	11.08877	54.70612	0.202697
14	Cyanide	110	15	15	70	2.470357	2.643636	0.934454
15	Asbestos	3	0.9	0.9	2	0.425245	0.416667	1.020588
16	Dioxin	18	0.0012	0.0012	18			
17	Acrolein	50	0.9	0.9	50			
18	Acrylonitrile	50	0.31	0.31	50			
19	Benzene	50	0.11	0.11	49	0.04554	0.09892	0.6*
20	Bromoform	50	3.8	3.8	17	0.87712	0.93719	0.935904
21	Carbon tetrachloride	50	0.079	0.079	50			
22	Chlorobenzene	50	0.066	0.066	50			
23	Chlorodibromomethane	50	8.45	8.45	10	1.823313	1.99337	0.914689
24	Chloroethane	50	0.05	0.05	50			
25	2-Chloroethylvinylether	50	0.5	0.5	50			
26	Chloroform	50	25.21	25.21	0	5.912446	5.68376	1.040235
27	Dichlorobromomethane	50	12.2	12.2	1	3.301996	2.27009	1.454566
28	1,1-Dichloroethane	50	0.07	0.07	50			
29	1,2-Dichloroethane	50	0.05	0.05	50			
30	1,1-Dichloroethylene	50	0.05	0.05	50			
31	1,2-Dichloropropane	50	0.146	0.146	49	0.020348	0.0659	0.308778
32	1,3-Dichloropropylene	50	0.06	0.06	50			
33	Ethylbenzene	50	0.3	0.3	49	0.047269	0.04398	1.074791
34	Methyl bromide	50	0.9	0.9	49	0.111071	0.15828	0.701738
35	Methyl chloride	50	0.07	0.07	50			
36	Methylene chloride	61	4.5	4.5	22	0.926465	0.923779	1.002908
37	1,1,2,2-Tetrachloroethane	50	0.11	0.11	50			
38	Tetrachloroethylene	50	31.4	31.4	29	4.913308	1.32454	3.709445
39	Toluene	50	0.288	0.288	47	0.050936	0.06401	0.795757

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40	1,2-Trans-Dichloroethylene	50	0.07	0.07	50			
41	1,1,1-Trichloroethane	50	0.05	0.05	50			
42	1,1,2-Trichloroethane	50	0.085	0.085	50			
43	Trichloroethylene	49	0.078	0.078	49			
44	Vinyl chloride	50	0.05	0.05	50			
45	2-Chlorophenol	52	0.09	0.09	52			
46	2,4-Dichlorophenol	52	0.29	0.29	52			
47	2,4-Dimethylphenol	52	0.17	0.17	52			
48	2-Methyl-4,6-dinitrophenol	52	0.4	0.4	52			
49	2,4-Dinitrophenol	52	0.21	0.21	52			
50	2-Nitrophenol	52	0.09	0.09	52			
51	4-Nitrophenol	52	0.06	0.06	52			
52	3-Methyl-4-Chlorophenol	52	0.18	0.18	52			
53	Pentachlorophenol	52	0.4	0.4	52			
54	Phenol	52	0.4	0.4	52			
55	2,4,6-Trichlorophenol	52	0.26	0.26	44	0.607763	0.703942	0.86337
56	Acenaphthene	52	0.04	0.04	52			
57	Acenaphthylene	52	0.06	0.06	52			
58	Anthracene	52	0.06	0.06	52			
59	Benzidine	52	2	2	52			
60	Benzo(a)anthracene	52	0.09	0.09	52			
61	Benzo(a)pyrene	52	0.06	0.06	52			
62	Benzo(b)fluoranthene	52	0.07	0.07	52			
63	Benzo(ghi)perylene	52	0.05	0.05	52			
64	Benzo(k)fluoranthene	52	0.19	0.19	52			
65	Bis(2-chloroethoxy)methane	52	0.05	0.05	52			
66	Bis(2-chloroethyl)ether	52	0.09	0.09	52			
67	Bis(2-chloroisopropyl)ether	52	0.05	0.05	52			
68	Bis(2-ethylhexyl)phthalate	59	21.77	21.77	17	3.789949	2.978763	1.272323
69	Bromophenyl phenyl ether	52	0.07	0.07	52			
70	Butylbenzyl phthalate	52	0.04	0.04	52			
71	2-Chloronaphthalene	52	0.07	0.07	52			
72	4-Chlorophenyl phenyl ether	52	0.04	0.04	52			
73	Chrysene	52	0.05	0.05	52			
74	Dibenzo(a,h)anthracene	52	0.05	0.05	52			
75	1,2-Dichlorobenzene	52	0.18	0.18	52			
76	1,3-Dichlorobenzene	52	1	1	52			
77	1,4-Dichlorobenzene	52	2.08	2.08	52			
78	3,3'-Dichlorobenzidine	52	0.11	0.11	52			
79	Diethyl phthalate	52	0.45	0.45	51	0.671806	0.592115	0.6*
80	Dimethyl phthalate	52	0.1	0.1	52			

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81	Di-n-butyl phthalate	52	1.85	1.85	36	0.589134	1.108173	0.531626
82	2,4-Dinitrotoluene	52	0.08	0.08	52			
83	2,6-Dinitrotoluene	52	0.02	0.02	52			
84	D-n-octyl phthalate	52	0.21	0.21	51	0.39341	0.578077	0.6*
85	1,2-Diphenylhydrazine	52	0.06	0.06	52			
86	Fluoranthene	52	0.06	0.06	52			
87	Fluorene	52	0.05	0.05	52			
88	Hexachlorobenzene	52	0.07	0.07	52			
89	Hexachlorobutadiene	52	0.07	0.07	52			
90	Hexachlorocyclopentadiene	52	1	1	52			
91	Hexachloroethane	52	0.07	0.07	52			
92	Indeno(1,2,3-cd)pyrene	52	0.07	0.07	52			
93	Isophorone	52	0.31	0.31	46	0.890434	0.804423	0.6*
94	Naphthalene	52	0.028	0.028	52			
95	Nitrobenzene	52	0.05	0.05	52			
96	N-Nitrosodimethylamine	52	0.17	0.17	52			
97	N-Nitrosodi-n-Propylamine	52	0.13	0.13	52			
98	N-Nitrosodiphenylamine	52	0.09	0.09	52			
99	Phenanthrene	52	0.08	0.08	52			
100	Pyrene	52	0.07	0.07	52			
101	1,2,4-Trichlorobenzene	52	0.08	0.08	52			
102	Aldrin	134	0.001	0.001	134			
103	Alpha-BHC	134	0.001	0.001	134			
104	Beta-BHC	134	0.001	0.001	134			
105	Gamma-BHC	134	0.075	0.075	62	0.018204	0.015512	1.173562
106	Delta-BHC	134	0.026	0.026	128	0.003799	0.002108	0.6*
107	Chlordane	134	0.01	0.01	0.34			
108	4,4'-DDT	134	0.001	0.001	134			
109	4,4'-DDE	134	0.003	0.003	134			
110	4,4'-DDD	134	0.001	0.001	134			
111	Dieldrin	134	0.0009	0.0009	134			
112	alpha-Endosulfan	134	0.005	0.005	128	0.000746	0.000968	0.6*
113	beta-Endosulfan	134	0.001	0.001	134			
114	Endosulfan Sulfate	134	0.001	0.001	134			
115	Endrin	134	0.001	0.001	134			
116	Endrin aldehyde	134	0.002	0.002	134			
117	Heptachlor	134	0.001	0.001	134	0.000807	0.001223	0.6*
118	Heptachlor epoxide	134	0.007	0.007	132			
119	PCB 1016	134	0.02	0.02	134			
120	PCB 1221	134	0.014	0.014	134			
121	PCB 1232	134	0.02	0.02	134			

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122	PCB 1242	134	0.019	0.019	134			
123	PCB 1248	134	0.019	0.019	134			
124	PCB 1254	134	0.01	0.01	134			
125	PCB 1260	134	0.016	0.016	134			
126	Toxaphene	134	0.09	0.09	134			

0.6\* represents that more than 80% of data is non-detected.