

Fact Sheet Appendix F-7

Napa River Ambient Background Monitoring Data
Calistoga Station

CTR#	CONSTITUENT	C-1	C-2	C-3	C-4	C-MEC
1	Antimony	0.7	1	0.3	< 0.2	0.7
2	Arsenic	1.3	2.4	5.9	6	6
3	Beryllium	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
4	Cadmium	< 0.04	< 0.04	< 0.03	< 0.03	< 0.03
5a	Chromium (III)	0.6	< 0.2	< 0.2	< 0.2	0.6
5b	Chromium (VI)	< 2	< 0.15	< 0.15	< 0.15	< 0.15
6	Copper	0.9	1	1.1	1	1.1
7	Lead	0.21	0.012	0.053	< 0.04	0.21
8	Mercury	0.015	0.0066	0.0061	0.003	0.015
9	Nickel	1.9	2.2	3.8	4	4
10	Selenium	< 0.3	< 0.5	< 0.5	< 0.5	< 0.3
11	Silver	0.02	0.03	< 0.02	< 0.02	0.03
12	Thallium	0.2	0.08	< 0.03	< 0.03	0.2
13	Zinc	2	0.9	1	1.6	2
14	Cyanide	< 0.6	< 0.1	0.197	< 0.1	< 0.1
15	Asbestos	< 0.19	< 0.2	< 0.2	< 0.2	< 0.19
16	2, 3, 7, 8-TCDD (Dioxin)	< 0.847	< 0.847	< 0.637	< 0.637	
17	Acrolein	< 3.3	< 3.3	< 1	< 1	< 1
18	Acrylonitrile	< 1.6	< 1.6	< 1	< 1	< 1
19	Benzene	< 0.27	< 0.27	< 0.3	< 0.3	< 0.27
20	Bromoform	< 0.1	< 0.1	< 0.2	< 0.2	< 0.1
21	Carbon Tetrachloride	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42
22	Chlorobenzene	< 0.19	< 0.19	< 0.3	< 0.3	< 0.19
23	Chlorodibromomethane	< 0.18	< 0.18	< 0.3	< 0.3	< 0.18
24	Chloroethane	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34
25	2-Chloroethylvinyl Ether	< 0.31	< 0.31	< 0.32	< 0.32	< 0.31
26	Chloroform	< 0.24	< 0.24	< 0.31	< 0.31	< 0.24
27	Dichlorobromomethane	< 0.46	< 0.46	< 0.2	< 0.2	< 0.2
28	1,1-Dichloroethane	< 0.28	< 0.28	< 0.34	< 0.34	< 0.28
29	1,2-Dichloroethane	< 0.18	< 0.18	< 0.2	< 0.2	< 0.18
30	1, 1-Dichloroethylene or 1,1 Dichloroethene	< 0.37	< 0.37	< 0.49	< 0.49	< 0.37
31	1, 2-Dichloropropane	< 0.22	< 0.22	< 0.2	< 0.2	< 0.2
32	cis-1,3 Dichloropropene	< 0.25	< 0.25	< 0.2	< 0.2	< 0.2
32	trans-1,3-Dichloropropene	< 0.22	< 0.22	< 0.3	< 0.3	< 0.22
33	Ethylbenzene	< 0.3	< 0.3	< 0.4	< 0.4	< 0.3
34	Methyl Bromide	< 0.46	< 0.46	< 0.42	< 0.42	< 0.42
35	Methyl Chloride or Chloromethane	< 0.36	< 0.36	< 0.4	< 0.46	< 0.36
36	Methylene Chloride or Dichloromethane	< 0.38	< 0.38	< 0.4	< 0.4	< 0.38
37	1,1, 2,2-Tetrachloroethane	< 0.34	< 0.34	< 0.3	< 0.3	< 0.3
38	Tetrachloroethylene	< 0.32	< 0.32	< 0.44	< 0.44	< 0.32
39	Toluene	< 0.25	< 0.25	< 0.32	< 0.32	< 0.25
40	1,2-Trans-Dichloroethylene	< 0.3	< 0.3	< 0.43	< 0.43	< 0.3
41	1,1,1-Trichloroethane	< 0.35	< 0.35	< 0.49	< 0.49	< 0.35
42	1,1,2-Trichloroethane	< 0.27	< 0.27	< 0.3	< 0.3	< 0.27
43	Trichloroethylene or Trichloroethene	< 0.29	< 0.29	< 0.3	< 0.3	< 0.29
44	Vinyl Chloride	< 0.34	< 0.34	< 0.47	< 0.47	< 0.34
45	2-Chlorophenol	< 0.4	< 0.4	< 0.6	< 0.6	< 0.4
46	2, 4 Dichlorophenol	< 0.3	< 0.3	< 0.7	< 0.7	< 0.3
47	2,4-Dimethylphenol	< 0.3	< 0.3	< 0.9	< 0.9	< 0.3
48	methylphenol	< 0.4	< 0.4	< 0.9	< 0.9	< 0.4
49	2,4-Dinitrophenol	< 0.3	< 0.3	< 0.6	< 0.6	< 0.3
50	2-Nitrophenol	< 0.3	< 0.3	< 0.7	< 0.7	< 0.3
51	4-Nitrophenol	< 0.2	< 0.2	< 0.6	< 0.6	< 0.2
52	4-chloro-3-methylphenol	< 0.3	< 0.3	< 0.5	< 0.5	< 0.3
53	Pentachlorophenol	< 0.4	< 0.4	< 0.9	< 0.9	< 0.4
54	Phenol	< 0.2	< 0.2	< 0.4	< 0.4	< 0.2
55	2, 4, 6 Trichlorophenol	< 0.2	< 0.2	< 0.6	< 0.6	< 0.2
56	Acenaphthene	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17
57	Acenaphthylene	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
58	Anthracene	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
59	Benidine	< 0.3	< 0.3	< 1	< 1	< 0.3
60	Benzo(a)Anthracene or 1,2 Benzanthracene	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
61	Benzo(a)Pyrene	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09
62	Benzo(b)Fluoranthene or 3,4 Benzo(a)fluoranthene	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
63	Benzo(ghi)Perylene	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
64	Benzo(k)Fluoranthene	< 0.16	< 0.16	< 0.16	< 0.16	< 0.16
65	Bis(2-Chloroethoxy) Methane	< 0.3	< 0.3	< 0.9	< 0.9	< 0.3
66	Bis(2-Chloroethyl) Ether	< 0.3	< 0.3	< 0.7	< 0.7	< 0.3

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67	Bis(2-Chloroisopropyl) Ether	<	1	<	1	<	0.6	<	0.6	<	0.6
68	Bis(2-Ethylhexyl) Phthalate		0.3		0.6	<	0.8	<	0.8		0.6
69	4-Bromophenyl Phenyl Ether	<	0.5	<	0.5	<	0.4	<	0.4	<	0.4
70	Butylbenzyl Phthalate	<	0.4	<	0.4	<	0.8	<	0.8	<	0.4
71	2-Chloronaphthalene	<	0.3	<	0.3	<	0.5	<	0.5	<	0.3
72	4-Chlorophenyl Phenyl Ether	<	0.4	<	0.4	<	0.5	<	0.5	<	0.4
73	Chrysene	<	0.14	<	0.14	<	0.14	<	0.14	<	0.14
74	Dibenzo(a,h) Anthracene	<	0.04	<	0.04	<	0.04	<	0.04	<	0.04
75	1, 2 Dichlorobenzene (semi-volatile)	<	0.4	<	0.4	<	0.6	<	0.6	<	0.4
75	1, 2 Dichlorobenzene (volatile)	<	0.12	<	0.12	<	0.2	<	0.2	<	0.12
76	1, 3 Dichlorobenzene (semi-volatile)	<	0.2	<	0.2	<	0.6	<	0.6	<	0.2
76	1, 3 Dichlorobenzene (volatile)	<	0.16	<	0.16	<	0.3	<	0.3	<	0.16
77	1, 4 Dichlorobenzene (semi-volatile)	<	0.3	<	0.3	<	0.6	<	0.6	<	0.3
77	1, 4 Dichlorobenzene (volatile)	<	0.12	<	0.12	<	0.3	<	0.3	<	0.12
78	3,3'-Dichlorobenzidine	<	0.4	<	0.4	<	0.3	<	0.3	<	0.3
79	Diethyl Phthalate	<	0.4	<	0.4	<	0.7	<	0.7	<	0.4
80	Dimethyl Phthalate	<	0.4	<	0.4	<	0.7	<	0.7	<	0.4
81	Di-n-Butyl Phthalate	<	0.4	<	0.4	<	1	<	1	<	0.4
82	2,4-Dinitrotoluene	<	0.3	<	0.3	<	0.6	<	0.6	<	0.3
83	2,6-Dinitrotoluene	<	0.3	<	0.3	<	0.6	<	0.6	<	0.3
84	Di-n-Octyl Phthalate	<	0.4	<	0.4	<	0.9	<	0.9	<	0.4
85	1,2-Diphenylhydrazine	<	0.3	<	0.3	<	0.6	<	0.6	<	0.3
86	Fluoranthene	<	0.03	<	0.03	<	0.03	<	0.03	<	0.03
87	Fluorene	<	0.02	<	0.02	<	0.02	<	0.02	<	0.02
88	Hexachlorobenzene	<	0.4	<	0.4	<	0.4	<	0.4	<	0.4
89	Hexachlorobutadiene	<	0.2	<	0.2	<	0.7	<	0.7	<	0.2
90	Hexachlorocyclopentadiene	<	0.1	<	0.1	<	0.4	<	0.4	<	0.1
91	Hexachloroethane	<	0.2	<	0.2	<	0.6	<	0.6	<	0.2
92	Indeno(1,2,3-cd)Pyrene	<	0.04	<	0.04	<	0.04	<	0.04	<	0.04
93	Isophorone	<	0.3	<	0.3	<	0.8	<	0.8	<	0.3
94	Naphthalene	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05
95	Nitrobenzene	<	0.3	<	0.3	<	0.7	<	0.7	<	0.3
96	N-Nitrosodimethylamine	<	0.4	<	0.4	<	0.6	<	0.6	<	0.4
97	N-Nitrosodi-n-Propylamine	<	0.3	<	0.3	<	0.8	<	0.8	<	0.3
98	N-Nitrosodiphenylamine	<	0.4	<	0.4	<	0.7	<	0.7	<	0.4
99	Phenanthrene	<	0.03	<	0.03	<	0.03	<	0.03	<	0.03
100	Pyrene	<	0.03	<	0.03	<	0.03	<	0.03	<	0.03
101	1,2,4-Trichlorobenzene	<	0.3	<	0.3	<	0.6	<	0.6	<	0.3
102	Aldrin	<	0.003	<	0.003	<	0.003	<	0.003	<	0.003
103	a-BHC	<	0.002	<	0.002	<	0.003	<	0.003	<	0.002
104	b-BHC	<	0.001	<	0.001	<	0.004	<	0.004	<	0.001
105	g-BHC (Lindane)	<	0.001	<	0.001	<	0.003	<	0.003	<	0.001
106	•-BHC	<	0.001	<	0.001	<	0.002	<	0.002	<	0.001
107	Chlordane	<	0.005	<	0.005	<	0.005	<	0.005	<	0.005
108	4,4'-DDT	<	0.001	<	0.001	<	0.003	<	0.003	<	0.001
109	4,4'-DDE	<	0.001	<	0.001	<	0.002	<	0.002	<	0.001
110	4,4'-DDD	<	0.001	<	0.001	<	0.002	<	0.002	<	0.001
111	Dieldrin	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002
112	Endosulfan I (alpha)	<	0.003	<	0.003	<	0.002	<	0.002	<	0.002
113	Endosulfan II (beta)	<	0.001	<	0.001	<	0.002	<	0.002	<	0.001
114	Endosulfan Sulfate	<	0.001	<	0.001	<	0.002	<	0.002	<	0.001
115	Endrin	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002
116	Endrin Aldehyde	<	0.002	<	0.002	<	0.002	<	0.002	<	0.002
117	Heptachlor	<	0.003	<	0.003	<	0.003	<	0.003	<	0.003
118	Heptachlor Epoxide	<	0.002	<	0.002	<	0.003	<	0.003	<	0.002
119-125	PCBs (h)										
119	PCB 1016	<	0.08	<	0.08	<	0.05	<	0.05	<	0.05
120	PCB 1221	<	0.03	<	0.03	<	0.03	<	0.03	<	0.03
121	PCB 1232	<	0.04	<	0.04	<	0.04	<	0.04	<	0.04
122	PCB 1242	<	0.08	<	0.08	<	0.05	<	0.05	<	0.05
123	PCB 1248	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05
124	PCB 1254	<	0.07	<	0.07	<	0.07	<	0.07	<	0.07
125	PCB 1260	<	0.05	<	0.05	<	0.05	<	0.05	<	0.05
126	Toxaphene	<	0.2	<	0.2	<	0.4	<	0.4	<	0.2
	Chlorpyrifos	<	0.12	<	0.12	<	0.2	<	0.2	<	0.12
	Diazinon	<	0.32	<	0.32	<	0.3	<	0.3	<	0.3
	Tributyltin	<	0.00177	<	0.00158	<	0.0017	<	0.00139	<	0.00139