

## Appendix A.

Contaminant summary statistics for three historic Status and Trends Program stations used by the Regional Water Board for 'reasonable potential analyses' (1993-2003). See Chapter 2, section 2.2.4 for more information.

Type	Parameter	Site Code	No. Of Measures	No. Of NDs	Begin Date	End Date	Units	Median	Avg	StDev	Min	Max
PAH	Sum of PAHs (SFEI)	BA30	19		1993-03	2003-08	pg/L	54062	76378	79237	16357	384331
PAH	Sum of PAHs (SFEI)	BC10	19		1993-03	2003-08	pg/L	20050	21931	10802	8993	51449
PAH	Sum of PAHs (SFEI)	BG20	20		1993-03	2003-08	pg/L	9688	9100	4212	3032	16197
LPAH	Sum of LPAHs (SFEI)	BA30	20		1993-03	2003-08	pg/L	7120	7301	5219	640	18100
LPAH	Sum of LPAHs (SFEI)	BC10	19		1993-03	2003-08	pg/L	4420	5449	4487	800	17079
LPAH	Sum of LPAHs (SFEI)	BG20	20		1993-03	2003-08	pg/L	1492	2312	2089	407	7073
LPAH	Acenaphthene	BA30	14	2	1996-02	2003-08	pg/L	634	770	664	140	2640
LPAH	Acenaphthene	BC10	13	2	1996-02	2003-08	pg/L	973	971	480	130	1500
LPAH	Acenaphthene	BG20	13	8	1996-07	2003-08	pg/L	240	565	748	154	1900
LPAH	Anthracene	BA30	19	2	1993-03	2001-08	pg/L	300	549	642	57	2300
LPAH	Anthracene	BC10	17	9	1993-03	2001-08	pg/L	127	206	195	8	498
LPAH	Anthracene	BG20	20	15	1993-03	2002-07	pg/L	65	81	69	24	197
LPAH	Fluorene	BA30	12	1	1996-02	2001-08	pg/L	1190	1493	1414	290	5450
LPAH	Fluorene	BC10	13		1996-02	2003-08	pg/L	1100	1115	610	240	2078
LPAH	Fluorene	BG20	13	2	1996-02	2002-07	pg/L	420	418	153	180	720
HPAH	Sum of HPAHs (SFEI)	BA30	21		1993-03	2003-08	pg/L	46337	66952	72775	15426	366231
HPAH	Sum of HPAHs (SFEI)	BC10	21		1993-03	2003-08	pg/L	14418	16623	8198	7433	41144
HPAH	Sum of HPAHs (SFEI)	BG20	23		1993-03	2003-08	pg/L	5304	6273	3783	1440	15790
HPAH	Benz(a)anthracene	BA30	17		1993-03	2003-08	pg/L	2540	3704	3003	467	11250
HPAH	Benz(a)anthracene	BC10	17		1993-03	2003-08	pg/L	1138	1302	1246	63	5315
HPAH	Benz(a)anthracene	BG20	19	2	1993-03	2003-08	pg/L	630	540	301	34	1100
HPAH	Benzo(a)pyrene	BA30	21	11	1993-03	2003-08	pg/L	897	5855	13858	26	45000
HPAH	Benzo(a)pyrene	BC10	20	14	1993-03	2003-08	pg/L	36	312	576	19	1469
HPAH	Benzo(a)pyrene	BG20	23	16	1993-03	2003-08	pg/L	89	277	305	30	822
HPAH	Benzo(b)fluoranthene	BA30	21		1993-03	2003-08	pg/L	7830	10735	11543	1727	57200
HPAH	Benzo(b)fluoranthene	BC10	21		1993-03	2003-08	pg/L	1800	1971	1089	800	4590
HPAH	Benzo(b)fluoranthene	BG20	23	1	1993-03	2003-08	pg/L	655	757	482	155	1900
HPAH	Benzo(k)fluoranthene	BA30	21		1993-03	2003-08	pg/L	2600	3840	4288	553	21048
HPAH	Benzo(k)fluoranthene	BC10	21	1	1993-03	2003-08	pg/L	620	775	396	310	1508
HPAH	Benzo(k)fluoranthene	BG20	23	5	1993-03	2003-08	pg/L	271	332	218	83	928
HPAH	Dibenz(a,h)anthracene	BA30	21	1	1993-03	2001-08	pg/L	781	1422	1950	48	8800
HPAH	Dibenz(a,h)anthracene	BC10	20	5	1993-03	2001-08	pg/L	250	278	188	25	640
HPAH	Dibenz(a,h)anthracene	BG20	22	15	1993-03	2002-07	pg/L	200	223	210	17	670
HPAH	Fluoranthene	BA30	20		1993-03	2003-08	pg/L	7150	8714	7690	2180	38960
HPAH	Fluoranthene	BC10	20		1993-03	2003-08	pg/L	4137	4935	2112	2520	10855
HPAH	Fluoranthene	BG20	21		1993-03	2003-08	pg/L	1231	1592	698	830	3000
PCB	Sum of PCBs (SFEI)	BA30	21		1993-03	2003-08	pg/L	829	1094	799	370	4046
PCB	Sum of PCBs (SFEI)	BC10	20		1993-03	2003-08	pg/L	321	437	326	203	1462
PCB	Sum of PCBs (SFEI)	BG20	22		1993-03	2003-08	pg/L	165	231	186	54	792

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Appendix A (continued). Contaminant summary statistics for three historic Status and Trends Program stations

Type	Parameter	Site Code	No. Of Measures	No. Of NDs	Begin Date	End Date	Units	Median	Avg	StDev	Min	Max
DDT	Sum of DDTs (SFEI)	BA30	18		1993-03	2001-08	pg/L	400	492	411	109	1850
DDT	Sum of DDTs (SFEI)	BC10	17		1993-03	2001-08	pg/L	221	251	121	106	546
DDT	Sum of DDTs (SFEI)	BG20	16		1993-03	2002-07	pg/L	602	657	369	283	1769
DDT	p,p'-DDD	BA30	18		1993-03	2001-08	pg/L	141	185	177	4	770
DDT	p,p'-DDD	BC10	17		1993-03	2001-08	pg/L	95	118	75	12	313
DDT	p,p'-DDD	BG20	16		1993-03	2002-07	pg/L	133	156	81	45	347
DDT	p,p'-DDE	BA30	19		1993-03	2001-08	pg/L	168	199	142	67	678
DDT	p,p'-DDE	BC10	19		1993-03	2001-08	pg/L	76	112	144	32	693
DDT	p,p'-DDE	BG20	21		1993-03	2002-07	pg/L	304	365	229	96	920
DDT	p,p'-DDT	BA30	16	2	1993-03	1999-07	pg/L	47	70	63	9	202
DDT	p,p'-DDT	BC10	18	4	1993-03	2001-08	pg/L	28	39	42	2	167
DDT	p,p'-DDT	BG20	18		1993-03	2002-07	pg/L	34	59	91	6	349
CHLR	Sum of Chlordanes (SFEI)	BA30	18		1993-03	2001-08	pg/L	213	245	137	79	574
CHLR	Sum of Chlordanes (SFEI)	BC10	18		1993-03	2001-08	pg/L	102	101	46	38	180
CHLR	Sum of Chlordanes (SFEI)	BG20	18		1993-03	2002-07	pg/L	111	130	72	25	302
CHLR	alpha-Chlordane	BA30	18		1993-03	2001-08	pg/L	6	66	45	15	177
CHLR	alpha-Chlordane	BC10	19		1993-03	2001-08	pg/L	6	25	13	5	51
CHLR	alpha-Chlordane	BG20	18	1	1993-03	2002-07	pg/L	4	26	14	8	58
CHLR	gamma-Chlordane	BA30	17		1993-03	2001-08	pg/L	40	60	38	8	146
CHLR	gamma-Chlordane	BC10	18		1993-03	2001-08	pg/L	16	20	9	2	36
CHLR	gamma-Chlordane	BG20	18		1993-03	2002-07	pg/L	20	21	11	5	53
CHLR	Heptachlor	BA30	16	9	1994-04	2001-08	pg/L	54	8	7	2	22
CHLR	Heptachlor	BC10	17	11	1994-04	2001-08	pg/L	27	8	7	2	19
CHLR	Heptachlor	BG20	15	9	1994-04	2002-07	pg/L	24	5	4	1	11
CHLR	Heptachlor Epoxide	BA30	17	2	1994-01	2001-08	pg/L	47	52	51	1	174
CHLR	Heptachlor Epoxide	BC10	17	2	1994-01	2001-08	pg/L	22	26	24	3	94
CHLR	Heptachlor Epoxide	BG20	18		1994-04	2002-07	pg/L	18	26	23	2	97
HCH	Sum of HCHs (SFEI)	BA30	17		1993-03	2001-08	pg/L	810	1032	720	184	2559
HCH	Sum of HCHs (SFEI)	BC10	19		1993-03	2001-08	pg/L	501	589	334	155	1284
HCH	Sum of HCHs (SFEI)	BG20	17		1993-03	2002-07	pg/L	152	329	396	27	1506
HCH	alpha-HCH	BA30	17		1993-03	2001-08	pg/L	190	280	217	40	662
HCH	alpha-HCH	BC10	19		1993-03	2001-08	pg/L	223	242	122	81	496
HCH	alpha-HCH	BG20	17	1	1993-03	2002-07	pg/L	38	81	94	5	347
HCH	beta-HCH	BA30	17		1994-01	2001-08	pg/L	152	187	140	11	607
HCH	beta-HCH	BC10	19		1993-03	2001-08	pg/L	130	148	105	16	413
HCH	beta-HCH	BG20	17		1994-04	2002-07	pg/L	18	28	28	6	118
HCH	delta-HCH	BA30	15	5	1994-04	2001-08	pg/L	14	34	42	2	133
HCH	delta-HCH	BC10	17	6	1994-04	2001-08	pg/L	7	16	18	4	53
HCH	delta-HCH	BG20	15	4	1994-04	2001-08	pg/L	13	14	10	4	38
HCH	gamma-HCH	BA30	19	1	1993-03	2001-08	pg/L	443	545	408	63	1667
HCH	gamma-HCH	BC10	19	1	1993-03	2001-08	pg/L	157	204	154	53	703
HCH	gamma-HCH	BG20	18		1993-03	2002-07	pg/L	94	210	278	9	1003

## Appendix A (continued). Contaminant summary statistics for three historic Status and Trends Program stations

Type	Parameter	Site Code	No. Of Measures	No. Of NDs	Begin Date	End Date	Units	Median	Avg	StDev	Min	Max
OTHER	Dieldrin	BA30	19	2	1993-03	2001-08	pg/L	75	91	83	2	292
OTHER	Dieldrin	BC10	20	3	1993-03	2001-08	pg/L	55	76	71	4	264
OTHER	Dieldrin	BG20	17		1994-04	2002-07	pg/L	89	127	114	2	380
OTHER	Endrin	BA30	16	8	1994-08	2001-08	pg/L	41	50	41	5	120
OTHER	Endrin	BC10	16	9	1994-08	2001-08	pg/L	14	17	15	2	40
OTHER	Endrin	BG20	16	13	1994-08	2002-07	pg/L	4	8	9	2	19
OTHER	Diazinon	BA30	17		1994-01	2001-08	pg/L	5600	6227	4750	610	18469
OTHER	Diazinon	BC10	17	1	1994-04	2001-08	pg/L	2050	3089	3388	370	13000
OTHER	Diazinon	BG20	18		1994-04	2002-07	pg/L	2350	6291	9873	520	37690
OTHER	Chlorpyrifos	BA30	17	1	1993-03	2001-08	pg/L	108	210	283	6	1005
OTHER	Chlorpyrifos	BC10	16	1	1993-03	2001-08	pg/L	137	321	593	4	2185
OTHER	Chlorpyrifos	BG20	19	1	1993-03	2002-07	pg/L	327	339	280	21	950
OTHER	Hexachlorobenzene	BA30	18	1	1993-03	2001-08	pg/L	15	51	116	5	480
OTHER	Hexachlorobenzene	BC10	17	1	1993-03	2001-08	pg/L	9	11	6	2	22
OTHER	Hexachlorobenzene	BG20	18		1993-03	2001-08	pg/L	21	30	25	3	109
OTHER	Mirex	BA30	18	15	1994-04	2001-08	pg/L	1.1	1.2	0.5	0.7	1.7
OTHER	Mirex	BC10	17	17	1994-04	2001-08	pg/L					
OTHER	Mirex	BG20	19	18	1994-04	2002-07	pg/L	54.0	54.0		54.0	54.0
TE	Ag	BA30	23		1993-03	2003-08	ug/L	0.019	0.024	0.024	0.006	0.119
TE	Ag	BC10	23		1993-03	2003-08	ug/L	0.007	0.010	0.010	0.003	0.052
TE	Ag	BG20	23	1	1993-03	2003-08	ug/L	0.007	0.009	0.012	0.001	0.057
TE	As	BA30	26		1993-03	2003-08	ug/L	2.8	3.2	1.0	1.7	5.1
TE	As	BC10	26		1993-03	2003-08	ug/L	1.9	1.9	0.3	1.1	2.5
TE	As	BG20	27	1	1993-03	2003-08	ug/L	2.0	2.0	0.6	1.2	3.7
TE	Cd	BA30	26		1993-03	2003-08	ug/L	0.10	0.09	0.03	0.05	0.17
TE	Cd	BC10	26		1993-03	2003-08	ug/L	0.07	0.07	0.03	0.02	0.13
TE	Cd	BG20	26		1993-03	2002-07	ug/L	0.03	0.03	0.01	0.02	0.05
TE	CN	BA30	3	3	1993-03	1993-09	ug/L					
TE	CN	BC10	3	3	1993-03	1993-09	ug/L					
TE	CN	BG20	3	3	1993-03	1993-09	ug/L					
TE	Co	BA30	5		2000-02	2003-08	ug/L	0.51	0.99	0.98	0.45	2.74
TE	Co	BC10	5		2000-02	2003-08	ug/L	0.27	0.34	0.15	0.21	0.58
TE	Co	BG20	6		2000-02	2003-08	ug/L	0.74	0.82	0.21	0.60	1.14
TE	Cr	BA30	21		1993-03	1999-07	ug/L	4.6	5.4	3.8	1.3	14.7
TE	Cr	BC10	21		1993-03	1999-07	ug/L	1.4	1.7	1.1	0.6	4.4
TE	Cr	BG20	21		1993-03	1999-07	ug/L	5.2	10.2	17.1	1.4	80.4
TE	Cu	BA30	26		1993-03	2003-08	ug/L	4.0	4.4	1.3	3.0	8.6
TE	Cu	BC10	26		1993-03	2003-08	ug/L	1.8	1.8	0.4	0.8	2.5
TE	Cu	BG20	26		1993-03	2003-08	ug/L	3.4	3.9	1.6	2.2	9.9
TE	Fe	BA30	5		2000-02	2003-08	ug/L	665	1910	2628	555	6588
TE	Fe	BC10	5		2000-02	2003-08	ug/L	425	591	382	244	1183
TE	Fe	BG20	6		2000-02	2003-08	ug/L	1456	1475	444	883	2052

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Appendix A (continued). Contaminant summary statistics for three historic Status and Trends Program stations

Type	Parameter	Site Code	No. Of Measures	No. Of NDs	Begin Date	End Date	Units	Median	Avg	StDev	Min	Max
TE	Hg	BA30	25		1993-03	2003-08	ug/L	0.009	0.016	0.016	0.005	0.068
TE	Hg	BC10	25		1993-03	2003-08	ug/L	0.004	0.004	0.002	0.000	0.009
TE	Hg	BG20	26		1993-03	2003-08	ug/L	0.006	0.008	0.007	0.001	0.038
TE	MeHg	BA30	6	1	1999-04	2001-08	ng/L	0.084	0.098	0.062	0.018	0.171
TE	MeHg	BC10	5	1	1999-04	2001-08	ng/L	0.050	0.081	0.079	0.025	0.197
TE	MeHg	BG20	7	1	1999-02	2002-07	ng/L	0.097	0.149	0.125	0.043	0.332
TE	Mn	BA30	5		2000-02	2003-08	ug/L	92	110	60	61	213
TE	Mn	BC10	5		2000-02	2003-08	ug/L	16	19	6	15	29
TE	Mn	BG20	6		2000-02	2003-08	ug/L	37	38	7	31	49
TE	Ni	BA30	26		1993-03	2003-08	ug/L	4.7	6.3	3.0	3.6	15.8
TE	Ni	BC10	26		1993-03	2003-08	ug/L	2.3	2.3	0.7	1.1	3.7
TE	Ni	BG20	27		1993-03	2003-08	ug/L	4.2	5.3	3.8	2.5	21.8
TE	Pb	BA30	26		1993-03	2003-08	ug/L	0.8	1.2	1.0	0.3	4.2
TE	Pb	BC10	26		1993-03	2003-08	ug/L	0.3	0.3	0.2	0.1	0.8
TE	Pb	BG20	27		1993-03	2003-08	ug/L	0.6	0.8	0.5	0.3	2.3
TE	Se	BA30	26		1993-03	2003-08	ug/L	0.27	0.30	0.12	0.05	0.63
TE	Se	BC10	26	2	1993-03	2003-08	ug/L	0.12	0.15	0.09	0.04	0.39
TE	Se	BG20	27	1	1993-03	2003-08	ug/L	0.12	0.14	0.06	0.02	0.30
TE	Zn	BA30	26		1993-03	2003-08	ug/L	5.1	6.6	4.0	2.6	21.3
TE	Zn	BC10	26		1993-03	2003-08	ug/L	2.3	2.5	1.0	1.2	5.1
TE	Zn	BG20	27		1993-03	2003-08	ug/L	5.0	6.3	3.8	2.6	18.2