

Appendix C

Industrial Stormwater Discharge

Table C-1. Summary of Results for the 1999-2000 Routine Monitoring at Ballona Creek

STATION NO.					S01	S01	S01	S01	S01	S01	S01	S01	S01	S01	S01	
STATION NAME					Ballona	Ballona	Ballona	Ballona	Ballona	Ballona	Ballona	Ballona	Ballona	Ballona	Ballona	
STORM NO.					Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	
DATE					9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	
	Sample	EPA	DL	Units	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00	3/8/00
	Type	Method														
Conventional																
Cyanide	Grab	A335.2	0	mg/l			0		0	0	0	0	0	0	0	0
TPH as Diesel	Grab	A418.1	1	mg/l												
TPH as Gas	Grab	A418.1	1	mg/l												
Oil and Grease	Grab	A413.1	1	mg/l			3.6		6.2	2.1	2.5	5.9	0	2.1	4	4.6
Total Phenols	Grab	A420.1	0	mg/l			0		0		0	0	0	0	0	0
Indicator Bacteria																
Total Coliform	Grab		20	MPN/100ml			220000		500000	30000	900000	160000	300000	500000	500000	300000
Fecal Coliform	Grab		20	MPN/100ml			50000		300000	11000	160000	160000	17000	110000	130000	300000
Fecal Streptococcus	Grab		20	MPN/100ml			900000		900000	170000	160000	160000	300000	24000	300000	220000
General																
Ammonia	Comp	A350.3	0	mg/l		2.64	0.842	0.736	0.42	0	0.237	0	0.107	0	0	0
Calcium	Comp	A215.2	1	mg/l		84.17	16.8	19.2	22.4	16	10	11.2	11.2	19.2	56.9	12.5
Magnesium	Comp	C3500MgD	1	mg/l		27.9	4.38	4.86	5.06	4.86	2.43	3.7	2.72	6.81	22.6	4.08
Potassium	Comp	A258.1	1	mg/l		6.62	4.27	4.13	3.36	2.19	1.95	2.04	1.73	2.37	3.57	1.48
Sodium	Comp	A273.1	1	mg/l		73	14.5	16	11.8	12.1	7.4	8.5	9	15.8	43.6	7.6
Bicarbonate	Comp	A310.1	2	mg/l		285	69.8	64.7	67.2	45.3	32.3	19.4	19.4	55.6	164	41.4
Carbonate	Comp	A310.1	2	mg/l		0	0	0	0	0	0	0	0	0	0	0
Chloride	Comp	B429	2	mg/l		65.1	10.9	11.5	9.48	11.8	6.89	8.67	8.09	14	154	10.5
Fluoride	Comp	B429	0	mg/l		0.57	0.32	0.32	0.23	0.1	0	0	0	0.17	0.29	0
Nitrate	Comp	B429	0	mg/l		5.18	5.38	6.41	3.45	3.45	2.43	2.03	2.41	5.45	9.1	2.1
Sulfate	Comp	B429	0	mg/l		137	20.6	23.3	18.8	22	11.9	14.3	16.4	30.4	107	17.9
Alkalinity	Comp	A310.1	4	mg/l		233	69.8	53	55.1	37.1	26.5	15.9	15.9	45.6	135	33.9
Hardness	Comp	A130.2	2	mg/l		325	60	68	76.8	60	35	43.2	39.2	76	235	48
Dissolved Phosphorus	Comp	A365.2	0	mg/l		0.466	0.36	0.32	0.27	0.17	0	0.193	0.227	0.07	0.27	0.146
Total Phosphorus	Comp	A365.2	0	mg/l		0.707	0.63	0.35	0.37	0.2	0.413	0.213	0.231	0.125	0.27	0.15
COD	Comp	A410.4	5	mg/l		64.7	40.9	16.9	35.4	23.2	21.9	10.5	56	72.7	41.73	0
pH	Comp	A150.1	na			7.2	7.16	7.14	7.2	7.19	6.9	6.52	7.19	7.17	7.99	6.71
NH3-N	Comp	A350.3	0	mg/l		2.18	0.696	0.608	0.347	0	0.196	0	0	0	0	0
Nitrate-N	Comp	C4110B	0	mg/l		1.17	1.21	1.45	0.779	0.779	0.549	0.458	0.544	1.23	2.05	0.474
Nitrite-N	Comp	C4110B	0	mg/l		0.67	0.11	0.164	0.106	0.043	0.094	0.043	0.079	0.082	0	0.055
Kjeldahl-N	Comp	A351.4	0	mg/l		11.4	2.16	2.9	4.1	0.692	1.296	1.17	1.02	1.43	1.392	1.238
Specific Conductance	Comp	A120.1	1	umhos/cm		951	219	224	200	187	123	133	127	233	1225	147
Total Dissolved Solids	Comp	A160.1	2	mg/l		590	132	144	120	110	68	78	70	130	744	82
Turbidity	Comp	A180.1	0	NTU		13.5	91.5	37.5	135	66.9	65.6	110	58.9	59.6	67.1	37.7
Suspended Solids	Comp	A160.2	2	mg/l		508	156	68	393	136	128	158	108	122	106	109
Volatile Suspended Solids	Comp	160.4	1	mg/l		144	48	43	121	43	48	30	18	24	12	26
MBAS	Comp	A425.1	0	mg/l		0.117	0.126	0.088	0.063	0	0.091	0.056	0.071	0.071	0	0.077
Total Organic Carbon	Comp	A415.1	1	mg/l		17.8	7.3	8.5	9.6	5.9	4.4	6	4.6	8	7.5	5.8
BOD	Comp	A405.1	2	mg/l		40.85	11.04	6.84	16.3	4.5	0	8	6	6	5	6
Metals																
Dissolved Aluminum	Comp	A202.2	1000	mg/l		154	0	0	177	169	115	105	193	207	0	110
Total Aluminum	Comp	A202.2	1000	mg/l		987	533	198	321	184	365	193	320	220	208	410
Dissolved Antimony	Comp	A204.2	5	mg/l		0	0	0	0	0	0	0	0	0	0	0
Total Antimony	Comp	A204.2	5	mg/l		0	0	0	6.64	0	0	0	0	0	0	0
Dissolved Arsenic	Comp	A206.2	5	mg/l		0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	Comp	A206.2	5	mg/l		0	0	0	0	0	0	0	0	0	0	0
Dissolved Barium	Comp	A208.2	10	mg/l		54.6	143	33.3	27.2	28.2	26.6	15.8	11.8	24.2	38.6	49.3
Total Barium	Comp	A208.2	10	mg/l		60	211	37.5	36.9	32.9	41.5	26.4	18.7	24.9	38.6	75.7
Dissolved Beryllium	Comp	A210.2	1	mg/l		0	0	0	0	0	0	0	0	0	0	0
Total Beryllium	Comp	A210.2	1	mg/l		0	0	0	0	0	0	0	0	0	0	0
Dissolved Boron	Comp	A212.3	100	mg/l		302	247	0	154	134	0	0	131	0	276	100
Total Boron	Comp	A212.3	100	mg/l		334	267	130	272	204	0	108	180	0	310	158
Dissolved Cadmium	Comp	A213.2	1	mg/l		0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	Comp	A213.2	1	mg/l		0	0	0	0	0	0	0	0	0	0	0
Dissolved Chromium	Comp	A218.2	5	mg/l		0	0	0	0	0	0	0	0	0	0	0
Total Chromium	Comp	A218.2	5	mg/l		7.1	0	0	0	0	0	6.1	0	0	0	0

Table C-1. Summary of Results for the 1999-2000 Routine Monitoring at Ballona Creek

STATION NO.				S01	S01	S01	S01	S01	S01	S01	S01	S01	S01	S01	S01	
STATION NAME				Ballona	Ballona	Ballona	Ballona	Ballona	Ballona	Ballona	Ballona	Ballona	Ballona	Ballona	Ballona	
STORM NO.				Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	
DATE				9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	9900-12	
	Sample	EPA		11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00	3/8/00	
	Type	Method	DL	Units												
Metals (cont.)																
Dissolved Chromium +6	Comp		10	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Total Chromium +6	Comp		10	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Dissolved Copper	Comp	A220.1	5	mg/l	31.5	10.7	11.5	13.2	6.73	0	5.9	5.3	0	7.2	6.5	
Total Copper	Comp	A220.1	5	mg/l	48.8	24.8	14.2	19.7	12.4	14.6	8	12.9	8.2	12.6	7.5	
Dissolved Iron	Comp	A236.1	100	mg/l	210	330	0	150	0	0	420	1040	230	250	130	
Total Iron	Comp	A236.1	100	mg/l	1240	970	530	510	200	2870	320	670	1660	400	350	
Dissolved Lead	Comp	A239.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Total Lead	Comp	A239.2	5	mg/l	16.7	9.8	6.2	0	0	0	6.3	0	0	0	0	
Dissolved Manganese	Comp	A243.1	100	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Total Manganese	Comp	A243.1	100	mg/l	0	470	0	0	0	0	0	0	0	0	0	
Dissolved Mercury	Comp	A245.1	1	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Total Mercury	Comp	A245.1	1	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Dissolved Nickel	Comp	A249.2	5	mg/l	12.3	0	0	0	0	0	0	0	0	0	0	
Nickel	Comp	A249.2	5	mg/l	13.5	7.68	6.8	0	9.2	0	0	0	0	0	5.8	
Total Selenium	Comp	A270.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Dissolved Silver	Comp	A272.2	1	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Total Silver	Comp	A272.2	1	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Dissolved Thallium	Comp	A279.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Total Thallium	Comp	A279.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Dissolved Zinc	Comp	A289.1	50	mg/l	250	0	0	0	0	0	0	0	0	0	0	
Total Zinc	Comp	A289.1	50	mg/l	320	65	73	76	51	0	0	84	55	53	0	
Semi-Volatiles Organics																
Bis(2-ethylhexyl)phthalate	Comp	625M	3	mg/l	0											
All other SVOCs	Comp	625M	0.5 - 5.0	mg/l	0											
Pesticides																
Diazinon	Comp	8141SOP	0	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Chlorpyrifos	Comp	8141SOP	0	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Carbofuran	Comp	531.1	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	
2,4-D	Comp	515.1	10	mg/l												
2,4,5-TP	Comp	515.1	1	mg/l												
Bentazon	Comp	515.1	2	mg/l												
Glyphosate	Comp	547	25	mg/l	0	0	0	0	0	0	0	0	0	0	0	

Note:

- 1). blank cell indicates sample was not analyzed
- 2). 0 indicated level below detection limit

Table C-2. Summary of Results for the 1999-2000 Routine Monitoring at Malibu Creek

STATION NO.			S02	S02	S02	S02	S02	S02	S02	S02	S02	S02	S02
STATION NAME			Malibu	Malibu	Malibu	Malibu	Malibu	Malibu	Malibu	Malibu	Malibu	Malibu	Malibu
STORM NO.			Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek
DATE			9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11
	Sample	EPA											
	Type	Method	DL	Units									
Conventional													
Cyanide	Grab	A335.2	0	mg/l	0	0	0	0	0	0	0	0	0
TPH as Diesel	Grab	A418.1	1	mg/l									
TPH as Gas	Grab	A418.1	1	mg/l									
Oil and Grease	Grab	A413.1	1	mg/l	2.8	0	0	0	0	0	0	0	0
Total Phenols	Grab	A420.1	0	mg/l	0	0	0	0	0	0	0	0	0
Indicator Bacteria													
Total Coliform	Grab		20	MPN/100ml	90000	13000	5000	9000	1300	300000	160000	90000	240000
Fecal Coliform	Grab		20	MPN/100ml	30000	3500	2200	1700	1300	170000	8000	22000	130000
Fecal Streptococcus	Grab		20	MPN/100ml	240000	16000	90000	300	300	900000	11000	80000	240000
General													
Ammonia	Comp	A350.3	0	mg/l	0	0	0	0.207	0	0.199		0	0
Calcium	Comp	A215.2	1	mg/l	184	140	80.2	114	98.2	68.1			76.2
Magnesium	Comp	C3500MgD	1	mg/l	112.08	112	85.1	45.7	63.2	19.8	34		46.2
Potassium	Comp	A258.1	1	mg/l	9	7.68	7.18	5.32	9.66	6.4	4.05	5.8	4.22
Sodium	Comp	A273.1	1	mg/l	157.5	167	160	87.4	56.2	92	58.4	105.2	67.2
Bicarbonate	Comp	A310.1	2	mg/l	253	279	246	136	175	151	116		181
Carbonate	Comp	A310.1	2	mg/l	0	0	0	0	0	0	0		0
Chloride	Comp	B429	2	mg/l	131	144	119	66.8	119	71.2	42.1	73.5	66.5
Fluoride	Comp	B429	0	mg/l	0.35	0.28	0.27	0.21	0.25	0.24	0.23	0.26	0.24
Nitrate	Comp	B429	0	mg/l	20.8	17.2	15.3	9.04	33	11.3	7.54	16.2	8.87
Sulfate	Comp	B429	0	mg/l	689	694	488	294	472	356	206	309	328
Alkalinity	Comp	A310.1	4	mg/l	208	279	201	111	143	124	95.4		159
Hardness	Comp	A130.2	2	mg/l	854	920	700	156	545	450	310		380
Dissolved Phosphorus	Comp	A365.2	0	mg/l	0.49	0.6	0.37	0.733	0.49	0.411			0.418
Total Phosphorus	Comp	A365.2	0	mg/l	0.5	0.66	0.42	0.901	0.536	0.456			0.578
COD	Comp	A410.4	5	mg/l	72.3	118	140.8	66.4	88.2	37.6	37.7	72.9	32.68
pH	Comp	A150.1	na		8.17	8	7.96	7.73	7.68	7.48	7.67		8.51
NH3-N	Comp	A350.3	0	mg/l	0	0	0	0	0.171	0	0.165		0
Nitrate-N	Comp	C4110B	0	mg/l	4.7	3.88	3.45	2.04	7.45	2.55	1.7	3.66	2
Nitrite-N	Comp	C4110B	0	mg/l	0	0	0	0	0	0	0.085		0
Kjeldahl-N	Comp	A351.4	0	mg/l	1.09	1.264	1.36	0.524	2.4	1.35	1.3	1.386	1.38
Specific Conductance	Comp	A120.1	1	umhos/cm	2450	2630	2110	1085	1635	1350	806		1293
Total Dissolved Solids	Comp	A160.1	2	mg/l	1464	1552	1268	678	1068	832	516		758
Turbidity	Comp	A180.1	0	NTU	6.5	28.3	52.3	86.3	2.87	434	601		74.4
Suspended Solids	Comp	A160.2	2	mg/l	21	61	87	182	13	668	711		212
Volatile Suspended Solids	Comp	160.4	1	mg/l	16	12	26	42	9	56	55		23
MBAS	Comp	A425.1	0	mg/l	0	0	0	0	0	0	0		0
Total Organic Carbon	Comp	A415.1	1	mg/l	7.7	6.8	6.9	5.6	5.5	8.4	9.9	7.5	7.9
BOD	Comp	A405.1	2	mg/l	4.25	4.04	2.8	6.6	0	4	5	0	2
Metals													
Dissolved Aluminum	Comp	A202.2	1000	mg/l	0	0	0	0	0	0	0	0	0
Total Aluminum	Comp	A202.2	1000	mg/l	0	124	0	224	0	246	237	179	373
Dissolved Antimony	Comp	A204.2	5	mg/l	0	0	0	0	0	0	0	0	0
Total Antimony	Comp	A204.2	5	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Arsenic	Comp	A206.2	5	mg/l	0	0	0	0	0	0	0	0	0
Total Arsenic	Comp	A206.2	5	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Barium	Comp	A208.2	10	mg/l	66.9	83.4	65.8	54.2	42.4	29.9	37.6	41.3	33.1
Total Barium	Comp	A208.2	10	mg/l	103	107	65.8	54.2	42.4	32.8	42.1	41.3	58.5
Dissolved Beryllium	Comp	A210.2	1	mg/l	0	0	0	0	0	0	0	0	0
Total Beryllium	Comp	A210.2	1	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Boron	Comp	A212.3	100	mg/l	437	503	401	215	379	369	168	319	102
Total Boron	Comp	A212.3	100	mg/l	460	722	488	254	481	442	197	332	154
Dissolved Cadmium	Comp	A213.2	1	mg/l	0	0	0	0	0	0	0	0	0
Total Cadmium	Comp	A213.2	1	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Chromium	Comp	A218.2	5	mg/l	0	0	0	0	0	0	0	0	0
Total Chromium	Comp	A218.2	5	mg/l	0	0	0	0	0	0	0	0	0

Table C-2. Summary of Results for the 1999-2000 Routine Monitoring at Malibu Creek

STATION NO.			S02	S02	S02	S02	S02	S02	S02	S02	S02	S02	S02
STATION NAME			Malibu	Malibu	Malibu	Malibu	Malibu	Malibu	Malibu	Malibu	Malibu	Malibu	Malibu
STORM NO.			Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek
DATE			9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11
			11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00
	Sample Type	EPA Method	DL	Units									
Metals (cont.)													
Dissolved Chromium +6	Comp		10	mg/l	0	0	0	0	0	0	0	0	0
Total Chromium +6	Comp		10	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Copper	Comp	A220.1	5	mg/l	8.4	5.8	0	0	0	0	0	0	0
Total Copper	Comp	A220.1	5	mg/l	8.67	10.6	8.6	7.4	5.9	9.4	6.5	5.2	0
Dissolved Iron	Comp	A236.1	100	mg/l	220	0	0	0	0	920	0	120	0
Total Iron	Comp	A236.1	100	mg/l	280	330	0	260	0	770	1200	150	210
Dissolved Lead	Comp	A239.2	5	mg/l	0	0	0	0	0	0	0	0	0
Total Lead	Comp	A239.2	5	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Manganese	Comp	A243.1	100	mg/l	0	0	0	0	0	0	0	0	0
Total Manganese	Comp	A243.1	100	mg/l	0	106	0	0	0	0	0	0	0
Dissolved Mercury	Comp	A245.1	1	mg/l	0	0	0	0	0	0	0	0	0
Total Mercury	Comp	A245.1	1	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Nickel	Comp	A249.2	5	mg/l	0	7.7	0	0	0	0	5.52	0	0
Nickel	Comp	A249.2	5	mg/l	0	8.5	5.5	0	50.1	0	7.88	0	5.32
Total Selenium	Comp	A270.2	5	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Silver	Comp	A272.2	1	mg/l	0	0	0	0	0	0	0	0	0
Total Silver	Comp	A272.2	1	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Thallium	Comp	A279.2	5	mg/l	0	0	0	0	0	0	0	0	0
Total Thallium	Comp	A279.2	5	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Zinc	Comp	A289.1	50	mg/l	0	0	0	0	0	0	0	0	0
Total Zinc	Comp	A289.1	50	mg/l	0	0	0	0	0	0	0	0	0
Semi-Volatiles Organics													
Bis(2-ethylhexyl)phthalate	Comp	625M	3	mg/l	0	0	1.2	7.8	18.4	3.3	6.4	0	0
All other SVOCs	Comp	625M	0.5 - 5.0	mg/l	0	0	0	0	0	0	0	0	0
Pesticides													
Diazinon	Comp	8141SOP	0	mg/l	0	0	0	0	0	0	0	0	0.09
Chlorpyrifos	Comp	8141SOP	0	mg/l	0	0	0	0	0	0	0	0	0
Carbofuran	Comp	531.1	5	mg/l	0	0	0	0	0	0	0	0	0
2,4-D	Comp	515.1	10	mg/l	0	0	0	0	0	0	0	0	0
2,4,5-TP	Comp	515.1	1	mg/l	0	0	0	0	0	0	0	0	0
Bentazon	Comp	515.1	2	mg/l	0	0	0	0	0	0	0	0	0
Glyphosate	Comp	547	25	mg/l	0	0	0	0	0	0	0	0	0

Note:

- 1). blank cell indicates sample was not analyzed
- 2). 0 indicated level below detection limit

Table C-3. Summary of Results for the 1999-2000 Routine Monitoring at L.A. River

STATION NO.	S10	S10	S10	S10	S10	S10	S10	S10	S10	S10	S10	S10	S10		
STATION NAME	L.A. River	L.A. River	L.A. River	L.A. River	L.A. River	L.A. River	L.A. River	L.A. River	L.A. River	L.A. River	L.A. River	L.A. River	L.A. River		
STORM NO.	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	9900-12			
DATE	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00	3/8/00			
	Sample Type	EPA Method	DL	Units											
Conventional															
Cyanide	Grab	A335.2	0	mg/l		0	0	0	0	0	0	0	0		
TPH as Diesel	Grab	A418.1	1	mg/l											
TPH as Gas	Grab	A418.1	1	mg/l											
Oil and Grease	Grab	A413.1	1	mg/l		4.1	2.8	1.4	3.5	2.1	4.1	0	1.5	2	
Total Phenols	Grab	A420.1	0	mg/l		0	0	0	0	0	0	0	0		
Indicator Bacteria															
Total Coliform	Grab		20	MPN/100ml		9000000	2400000	500000	240000	300000	1600000	30000	170000	240000	
Fecal Coliform	Grab		20	MPN/100ml		9000000	35000	170000	240000	300000	1600000	1300	50000	240000	
Fecal Streptococcus	Grab		20	MPN/100ml		500000	300000	500000	24000	17000	500000	2400	240000	280000	
General															
Ammonia	Comp	A350.3	0	mg/l		0.112	0.875	0.119	0	0.175	0	0.106	0	0.174	0
Calcium	Comp	A215.2	1	mg/l		28.1	29.7	25.7	16	12	14.4	8.02	30.5	6.02	9.62
Magnesium	Comp	C3500MgD	1	mg/l		6.08	6.32	6.61	2.92	0.97	3.7	1.75	8.75	4.62	1.94
Potassium	Comp	A258.1	1	mg/l		6.1	4.5	5.1	2.34	2.31	2.44	1.64	4.7	1.13	1.36
Sodium	Comp	A273.1	1	mg/l		18.4	21.3	26.2	8.6	8	12.1	6.3	41.9	2.4	5.1
Bicarbonate	Comp	A310.1	2	mg/l		73.7	67.2	82.8	49.1	28.5	38.8	19.4	69.8	24.6	24.6
Carbonate	Comp	A310.1	2	mg/l		0	0	0	0	0	0	0	0	0	0
Chloride	Comp	B429	2	mg/l		16.1	22.3	23.9	6.88	6.54	10	5.03	43.7	2.8	5.68
Fluoride	Comp	B429	0	mg/l		0.38	0.39	0.31	0.1	0	0	0	0.27	0	0
Nitrate	Comp	B429	0	mg/l		7.09	4.9	4	2.46	2.91	2.41	2.01	5.52	1.5	1.76
Sulfate	Comp	B429	0	mg/l		32.3	54.3	29.8	12.1	11.8	18.7	7.43	46.8	4.84	12
Alkalinity	Comp	A310.1	4	mg/l		60.4	55.1	67.8	40.3	23.3	31.8	15.9	57.2	20.1	20.1
Hardness	Comp	A130.2	2	mg/l		95	100	91.2	52	34	51.2	27.2	112	34	32
Dissolved Phosphorus	Comp	A365.2	0	mg/l		0.36	0.42	0.52	0.26	0	0.157	0.45	0.33	0.301	0.182
Total Phosphorus	Comp	A365.2	0	mg/l		0.73	0.47	0.59	0.26	0.472	0.194	0.521	0.352	0.335	0.201
COD	Comp	A410.4	5	mg/l		52.4	38.5	70.9	48.4	26.9	14.9	29.8	74.2	0	0
pH	Comp	A150.1	na			7.01	7.24	7.17	7	6.8	6.72	6.6	7.2	6.59	6.58
NH3-N	Comp	A350.3	0	mg/l		0	0.723	0	0	0.145	0	0	0	0.144	0
Nitrate-N	Comp	C4110B	0	mg/l		1.6	1.11	0.903	0.555	0.657	0.544	0.454	1.25	0.339	0.397
Nitrite-N	Comp	C4110B	0	mg/l		0.155	0.195	0.24	0.067	0.113	0.085	0.058	0.268	0	0.046
Kjeldahl-N	Comp	A351.4	0	mg/l		3.88	4.28	4.04	0.818	1.166	1.09	1.06	3.22	2.66	1.44
Specific Conductance	Comp	A120.1	1	umhos/cm		266	321	293	147	122	162	87.1	432	83.8	104
Total Dissolved Solids	Comp	A160.1	2	mg/l		156	206	184	92	68	100	48	246	52	58
Turbidity	Comp	A180.1	0	NTU		174	71.2	194	220	123	72.8	85.4	105	216	124
Suspended Solids	Comp	A160.2	2	mg/l		344	133	495	567	254	210	217	197	668	244
Volatile Suspended Solids	Comp	160.4	1	mg/l		74	41	122	106	74	32	30	30	71	31
MBAS	Comp	A425.1	0	mg/l		0.087	0.102	0.052	0	0.094	0.073	0.071	0.098	0.053	0.09
Total Organic Carbon	Comp	A415.1	1	mg/l		13.1	9.3	16.4	5.2	4.8	7.9	5	10.25	4.8	5.9
BOD	Comp	A405.1	2	mg/l		6.9	19.84	16.4	6.3	7	8	8	9	5	6
Metals															
Dissolved Aluminum	Comp	A202.2	1000	mg/l		119	383	143	141	280	134	377	0	1280	484
Total Aluminum	Comp	A202.2	1000	mg/l		619	405	195	505	346	187	377	246	1670	484
Dissolved Antimony	Comp	A204.2	5	mg/l		0	0	0	0	0	0	0	0	0	0
Total Antimony	Comp	A204.2	5	mg/l		0	0	0	0	0	0	0	0	0	0
Dissolved Arsenic	Comp	A206.2	5	mg/l		0	0	0	0	0	0	0	0	0	0
Total Arsenic	Comp	A206.2	5	mg/l		0	0	0	0	0	0	0	0	0	0
Dissolved Barium	Comp	A208.2	10	mg/l		31.8	25.8	38.1	23.9	28.8	0	34.2	43.5	20.1	13.8
Total Barium	Comp	A208.2	10	mg/l		60.2	41.9	46.5	41.5	35.8	16.7	36.5	52.9	35.9	13.8
Dissolved Beryllium	Comp	A210.2	1	mg/l		0	0	0	0	0	0	0	0	0	0
Total Beryllium	Comp	A210.2	1	mg/l		0	0	0	0	0	0	0	0	0	0
Dissolved Boron	Comp	A212.3	100	mg/l		155	157	108	0	116	117	0	0	0	0
Total Boron	Comp	A212.3	100	mg/l		257	301	137	0	213	126	0	0	0	0
Dissolved Cadmium	Comp	A213.2	1	mg/l		0	0	0	0	0	0	0	0	0	0
Total Cadmium	Comp	A213.2	1	mg/l		0	0	0	0	0	0	0	0	0	0
Dissolved Chromium	Comp	A218.2	5	mg/l		0	11	0	0	0	0	0	0	0	0
Total Chromium	Comp	A218.2	5	mg/l		0	11	0	0	0	0	0	0	0	0

Table C-3. Summary of Results for the 1999-2000 Routine Monitoring at L.A. River

STATION NO.	S10	S10	S10	S10	S10	S10	S10	S10	S10	S10	S10	S10	S10
STATION NAME	L.A. River	L.A. River	L.A. River	L.A. River	L.A. River	L.A. River	L.A. River	L.A. River	L.A. River	L.A. River	L.A. River	L.A. River	L.A. River
STORM NO.	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	9900-12	
DATE	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00	3/8/00	
	Sample Type	EPA Method	DL	Units									
Metals (cont.)													
Dissolved Chromium +6	Comp		10	mg/l	0	0	0	0	0	0	0	0	0
Total Chromium +6	Comp		10	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Copper	Comp	A220.1	5	mg/l	13.8	11	6.73	0	5.8	0	7.8	0	0
Total Copper	Comp	A220.1	5	mg/l	19	14.6	12.4	11.8	10.9	10.9	11.4	18.6	7.1
Dissolved Iron	Comp	A236.1	100	mg/l	270	230	0	0	170	130	0	180	230
Total Iron	Comp	A236.1	100	mg/l	940	630	240	0	940	270	0	270	280
Dissolved Lead	Comp	A239.2	5	mg/l	5.8	0	0	0	0	0	0	0	6.2
Total Lead	Comp	A239.2	5	mg/l	18.9	5.71	5.3	12.1	5.7	0	8.05	8.23	19.2
Dissolved Manganese	Comp	A243.1	100	mg/l	0	0	0	0	0	0	0	0	0
Total Manganese	Comp	A243.1	100	mg/l	113	0	0	0	0	0	0	0	0
Dissolved Mercury	Comp	A245.1	1	mg/l	0	0	0	0	0	0	0	0	0
Total Mercury	Comp	A245.1	1	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Nickel	Comp	A249.2	5	mg/l	10	5	12.3	0	0	0	0	0	0
Nickel	Comp	A249.2	5	mg/l	10.6	5.6	17.6	0	6.3	0	7.44	0	0
Total Selenium	Comp	A270.2	5	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Silver	Comp	A272.2	1	mg/l	0	0	0	0	0	0	0	0	0
Total Silver	Comp	A272.2	1	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Thallium	Comp	A279.2	5	mg/l	0	0	0	0	0	0	0	0	0
Total Thallium	Comp	A279.2	5	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Zinc	Comp	A289.1	50	mg/l	0	0	0	0	0	0	0	0	0
Total Zinc	Comp	A289.1	50	mg/l	72	62	60	0	58	0	0	66	0
Semi-Volatiles Organics													
Bis(2-ethylhexyl)phthalate	Comp	625M	3	mg/l									
All other SVOCs	Comp	625M	0.5 - 5.0	mg/l									
Pesticides													
Diazinon	Comp	8141SOP	0	mg/l	0	0	0	0	0	0	0	0	0
Chlorpyrifos	Comp	8141SOP	0	mg/l	0	0	0	0	0	0	0	0	0
Carbofuran	Comp	531.1	5	mg/l	0	0	0	0	0	0	0	0	0
2,4-D	Comp	515.1	10	mg/l									
2,4,5-TP	Comp	515.1	1	mg/l									
Bentazon	Comp	515.1	2	mg/l									
Glyphosate	Comp	547	25	mg/l	0	0	0	0	0	0	0	0	0

Note:

- 1). blank cell indicates sample was not analyzed
- 2). 0 indicated level below detection limit

Table C-4. Summary of Results for the 1999-2000 Routine Monitoring at Coyote Creek

STATION NO.	S13	S13	S13	S13	S13	S13	S13	S13	S13	S13	S13	S13	S13	S13
STATION NAME	Coyote	Coyote	Coyote	Coyote	Coyote	Coyote	Coyote	Coyote	Coyote	Coyote	Coyote	Coyote	Coyote	Coyote
STORM NO.	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	9900-12	9900-12	9900-12
DATE	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00	3/8/00	3/8/00	3/8/00
	Sample Type	EPA Method	DL	Units										
Conventional														
Cyanide	Grab	A335.2	0	mg/l										
TPH as Diesel	Grab	A418.1	1	mg/l										
TPH as Gas	Grab	A418.1	1	mg/l										
Oil and Grease	Grab	A413.1	1	mg/l										
Total Phenols	Grab	A420.1	0	mg/l										
Indicator Bacteria														
Total Coliform	Grab		20	MPN/100ml										
Fecal Coliform	Grab		20	MPN/100ml										
Fecal Streptococcus	Grab		20	MPN/100ml										
General														
Ammonia	Comp	A350.3	0	mg/l	4.19	1.15	0.72	0.561	0	0.392	0	0	0.171	0.183
Calcium	Comp	A215.2	1	mg/l	48.1	28.1	26.1	32.1	24	20	16	27.9	30.5	8.82
Magnesium	Comp	C3500MgD	1	mg/l	13.37	4.86	9.72	7.78	5.83	4.86	4.08	8.36	9.34	11.7
Potassium	Comp	A258.1	1	mg/l	9.02	5.27	4.5	4.22	2.67	2.65	2.55	2.97	3.19	1.63
Sodium	Comp	A273.1	1	mg/l	58	23.1	42.4	46.2	28	30.7	24.1	37.8	48.8	5.5
Bicarbonate	Comp	A310.1	2	mg/l	172	107	87.9	90.5	71.1	62.1	50.4	71.1	81.5	31
Carbonate	Comp	A310.1	2	mg/l	0	0	0	0	0	0	0	0	0	0
Chloride	Comp	B429	2	mg/l	44.7	19	38.5	33.7	18.1	25	22.9	30.8	35.2	5.77
Fluoride	Comp	B429	0	mg/l	0.39	0.41	0.31	0.29	0.16	0.14	0.13	0.17	0.2	0
Nitrate	Comp	B429	0	mg/l	0	7.8	6.8	5.32	3.4	4.34	2.75	6.59	8.96	1.76
Sulfate	Comp	B429	0	mg/l	73.6	31.5	48	50.1	32.8	34.9	29.5	46.7	69.1	13.2
Alkalinity	Comp	A310.1	4	mg/l	141	88	72.1	74.2	58.3	50.9	41.3	58.3	66.8	25.4
Hardness	Comp	A130.2	2	mg/l	175	90	105	112	84	70	56.8	104	114	70
Dissolved Phosphorus	Comp	A365.2	0	mg/l	0.75	0.49	0.3	0.23	0.26	0	0.205	0.143	0.159	0.31
Total Phosphorus	Comp	A365.2	0	mg/l	1.42	0.53	0.31	0.32	0.28	0.299	0.303	0.159	0.199	0.347
COD	Comp	A410.4	5	mg/l	145.4	55	32.9	73	46.5	33.2	15.3	38.8	88.3	0
pH	Comp	A150.1	na		7.1	7.26	7.16	7.34	7.19	7.16	6.87	7.12	7.17	6.61
NH3-N	Comp	A350.3	0	mg/l	3.46	0.952	0.595	0.464	0	0.324	0	0	0	0.142
Nitrate-N	Comp	C4110B	0	mg/l	0	1.76	1.54	1.2	0.768	0.98	0.621	1.49	2.02	0.397
Nitrite-N	Comp	C4110B	0	mg/l	2.1	0.14	0.219	0.332	0.049	0.1	0.061	0.11	0.097	0.03
Kjeldahl-N	Comp	A351.4	0	mg/l	6.7	3.16	2.14	1.952	1.13	1.202	0.994	1.04	1.64	0.978
Specific Conductance	Comp	A120.1	1	umhos/cm	617	304	434	413	305	279	239	387	462	109.8
Total Dissolved Solids	Comp	A160.1	2	mg/l	406	182	264	242	184	158	142	222	255	70
Turbidity	Comp	A180.1	0	NTU	32.4	206	28.5	108	61.1	55.8	60	33.6	61.8	55.9
Suspended Solids	Comp	A160.2	2	mg/l	1393	570	67	362	128	146	136	86	168	140
Volatile Suspended Solids	Comp	160.4	1	mg/l	260	105	35	105	47	41	23	18	24	8
MBAS	Comp	A425.1	0	mg/l	0.232	0.126	0.167	0.097	0	0.097	0.067	0.076	0.096	0
Total Organic Carbon	Comp	A415.1	1	mg/l	41.3	13.55	16.4	14.2	7.8	5.7	7.9	9.2	11.3	4.5
BOD	Comp	A405.1	2	mg/l	55.31	23.18	21.22	14.5	7.3	7	6	8	6	3
Metals														
Dissolved Aluminum	Comp	A202.2	1000	mg/l	0	0	0	336	0	0	190	0	0	315
Total Aluminum	Comp	A202.2	1000	mg/l	431	229	653	359	146	245	0	204	119	413
Dissolved Antimony	Comp	A204.2	5	mg/l	0	0	0	0	0	0	0	0	0	0
Total Antimony	Comp	A204.2	5	mg/l	0	0	0	0	0	0	0	0	0	0
Dissolved Arsenic	Comp	A206.2	5	mg/l	0	0	0	0	0	0	0	0	0	0
Total Arsenic	Comp	A206.2	5	mg/l	0	0	0	0	0	0	0	0	0	0
Dissolved Barium	Comp	A208.2	10	mg/l	151	75.9	36.6	34.1	42.5	31.5	20.2	14	40.5	42
Total Barium	Comp	A208.2	10	mg/l	173.2	130	54.1	43.3	47.3	33.3	28.3	19.7	40.5	42
Dissolved Beryllium	Comp	A210.2	1	mg/l	0	0	0	0	0	0	0	0	0	0
Total Beryllium	Comp	A210.2	1	mg/l	0	0	0	0	0	0	0	0	0	0
Dissolved Boron	Comp	A212.3	100	mg/l	430	132	110	142	0	103	132	105	0	0
Total Boron	Comp	A212.3	100	mg/l	448	146	129	170	101	118	225	106	0	0
Dissolved Cadmium	Comp	A213.2	1	mg/l	0	0	0	0	0	0	0	0	0	0
Total Cadmium	Comp	A213.2	1	mg/l	0	0	0	0	0	0	0	0	0	0
Dissolved Chromium	Comp	A218.2	5	mg/l	9.5	0	0	0	0	0	0	0	0	0
Total Chromium	Comp	A218.2	5	mg/l	9.5	0	0	0	0	0	0	0	0	0

Table C-4. Summary of Results for the 1999-2000 Routine Monitoring at Coyote Creek

STATION NO.	S13	S13	S13	S13	S13	S13	S13	S13	S13	S13	S13	S13	S13
STATION NAME	Coyote	Coyote	Coyote	Coyote	Coyote	Coyote	Coyote	Coyote	Coyote	Coyote	Coyote	Coyote	Coyote
STORM NO.	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	9900-12	
DATE	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00	3/8/00	
Sample Type	EPA Method	DL	Units										
Metals (cont.)													
Dissolved Chromium +6	Comp		10 mg/l	0	0	0	0	0	0	0	0	0	0
Total Chromium +6	Comp		10 mg/l	0	0	0	0	0	0	0	0	0	0
Dissolved Copper	Comp	A220.1	5 mg/l	5.45	16.4	10.4	12.2	5.1	0	0	0	5.4	0
Total Copper	Comp	A220.1	5 mg/l	5.45	19.1	14.5	16	14.5	6.6	5.9	9.3	9.3	12.9
Dissolved Iron	Comp	A236.1	100 mg/l	160	430	210	0	0	0	0	200	0	440
Total Iron	Comp	A236.1	100 mg/l	460	820	930	490	100	230	0	390	0	830
Dissolved Lead	Comp	A239.2	5 mg/l	0	0	0	0	0	0	0	0	0	0
Total Lead	Comp	A239.2	5 mg/l	0	5.3	7.3	0	0	0	0	0	0	0
Dissolved Manganese	Comp	A243.1	100 mg/l	0	0	0	0	0	0	0	0	0	0
Total Manganese	Comp	A243.1	100 mg/l	0	260	0	0	0	0	0	0	0	0
Dissolved Mercury	Comp	A245.1	1 mg/l	0	0	0	0	0	0	0	0	0	0
Total Mercury	Comp	A245.1	1 mg/l	0	0	0	0	0	0	0	0	0	0
Dissolved Nickel	Comp	A249.2	5 mg/l	0	8.76	5.3	0	0	0	0	0	0	0
Nickel	Comp	A249.2	5 mg/l	0	12.7	7.8	0	8.4	0	0	0	0	5.78
Total Selenium	Comp	A270.2	5 mg/l	0	0	0	0	0	0	0	0	0	0
Dissolved Silver	Comp	A272.2	1 mg/l	0	0	0	0	0	0	0	0	0	0
Total Silver	Comp	A272.2	1 mg/l	0	0	0	0	0	0	0	0	0	0
Dissolved Thallium	Comp	A279.2	5 mg/l	0	0	0	0	0	0	0	0	0	0
Total Thallium	Comp	A279.2	5 mg/l	0	0	0	0	0	0	0	0	0	0
Dissolved Zinc	Comp	A289.1	50 mg/l	0	0	0	0	0	0	0	0	0	0
Total Zinc	Comp	A289.1	50 mg/l	0	73	69	68	0	0	0	0	0	0
Semi-Volatiles Organics													
Bis(2-ethylhexyl)phthalate	Comp	625M	3 mg/l	0									
All other SVOCs	Comp	625M	0.5 - 5.0 mg/l	0									
Pesticides													
Diazinon	Comp	8141SOP	0 mg/l	0	0	0.15	0	0	0	0.07	0	0.05	0
Chlorpyrifos	Comp	8141SOP	0 mg/l	0	0	0	0	0	0	0	0	0	0
Carbofuran	Comp	531.1	5 mg/l	0	0	0	0	0	0	0	0	0	0
2,4-D	Comp	515.1	10 mg/l										
2,4,5-TP	Comp	515.1	1 mg/l										
Bentazon	Comp	515.1	2 mg/l										
Glyphosate	Comp	547	25 mg/l	150	0	0	0	0	0	0	0	0	0

Note:

- 1). blank cell indicates sample was not analyzed
- 2). 0 indicated level below detection limit

Table C-5. Summary of Results for the 1999-2000 Routine Monitoring at San Gabriel River

STATION NO.			S14	S14	S14	S14	S14	S14	S14	S14	S14	S14	S14	S14
STATION NAME			San Gabriel	San Gabriel	San Gabriel	San Gabriel	San Gabriel	San Gabriel	San Gabriel	San Gabriel	San Gabriel	San Gabriel	San Gabriel	San Gabriel
STORM NO.			River	River	River	River	River	River	River	River	River	River	River	River
DATE			9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	9900-12
	Sample	EPA												
	Type	Method	DL	Units										
Conventional														
Cyanide	Grab	A335.2	0	mg/l	0	0	0	0	0	0	0	0	0	0
TPH as Diesel	Grab	A418.1	1	mg/l										
TPH as Gas	Grab	A418.1	1	mg/l										
Oil and Grease	Grab	A413.1	1	mg/l	3.3	0	1	2.1	1	0	0	2.3	3.7	
Total Phenols	Grab	A420.1	0	mg/l	0	0	0	0	0	0	0	0	0	
Indicator Bacteria														
Total Coliform	Grab		20	MPN/100ml	30000	280000	220000	170000	300000	500000	170000	300000	300000	
Fecal Coliform	Grab		20	MPN/100ml	800	17000	50000	90000	170000	7000	2700	28000	300000	
Fecal Streptococcus	Grab		20	MPN/100ml	3500	90000	160000	50000	22000	110000	11000	130000	130000	
General														
Ammonia	Comp	A350.3	0	mg/l	0	0	0	0	0	0	0	0	0.116	0
Calcium	Comp	A215.2	1	mg/l	26.1	40.1	40.1	35.3	32.1	27.3	25.3	64.1	23.7	51.3
Magnesium	Comp	C3500MgD	1	mg/l	7.29	17	14.6	9.72	7.78	6.61	7	17	6.32	6.81
Potassium	Comp	A258.1	1	mg/l	5.51	2.81	5.16	5.46	4.55	3.74	3.75	8.04	3.59	6.68
Sodium	Comp	A273.1	1	mg/l	30	70.6	51.4	38.3	28.9	20.7	17.1	62.8	15.5	44.8
Bicarbonate	Comp	A310.1	2	mg/l	76.3	124	97	84.1	69.8	59.5	59.5	137	53	113
Carbonate	Comp	A310.1	2	mg/l	0	0	0	0	0	0	0	0	0	0
Chloride	Comp	B429	2	mg/l	33.6	91.3	40.9	37.2	33.2	24.6	18.4	66.6	22.7	65.7
Fluoride	Comp	B429	0	mg/l	0.26	0.22	0.23	0.19	0.16	0.15	0.12	0.39	0.1	0.24
Nitrate	Comp	B429	0	mg/l	9.04	4.73	6.48	6.54	7.46	5.03	4.6	13.5	5.71	8.91
Sulfate	Comp	B429	0	mg/l	50.2	73.6	77	57.9	54.1	46.9	39.6	113	36.9	92.6
Alkalinity	Comp	A310.1	4	mg/l	62.5	102	79.5	68.9	57.2	48.8	48.8	112	43.5	92.2
Hardness	Comp	A130.2	2	mg/l	95	170	160	128	112	95.2	192	230	85	198
Dissolved Phosphorus	Comp	A365.2	0	mg/l	0.29	0.19	0.18	0.22	0.088	0.157	0.226	0.148	0.289	0.457
Total Phosphorus	Comp	A365.2	0	mg/l	0.31	0.21	0.23	0.29	0.218	0.184	0.242	0.173	0.314	0.469
COD	Comp	A410.4	5	mg/l	56.8	22.7	55.7	56.6	35.5	10.7	29.1	108.1	0	22.19
pH	Comp	A150.1	na		7.13	7.68	7.47	7.3	7.32	7.22	7.18	7.5	6.93	6.86
NH3-N	Comp	A350.3	0	mg/l	0	0	0	0	0	0	0	0	0	0
Nitrate-N	Comp	C4110B	0	mg/l	2.04	1.07	1.46	1.48	1.68	1.14	1.04	3.05	1.29	2.01
Nitrite-N	Comp	C4110B	0	mg/l	0.213	0.466	0.198	0.295	0.228	0.14	0.125	0.393	0.128	0.609
Kjeldahl-N	Comp	A351.4	0	mg/l	2.82	1.65	0.768	0.968	0.866	1.14	1.5	2.32	1.288	1.254
Specific Conductance	Comp	A120.1	1	umhos/cm	380	622	525	416	360	303	271	760	269	642
Total Dissolved Solids	Comp	A160.1	2	mg/l	210	362	310	252	206	194	150	456	148	382
Turbidity	Comp	A180.1	0	NTU	54.8	6.18	52.5	41.2	88.4	157	279	35.1	109	57.6
Suspended Solids	Comp	A160.2	2	mg/l	84	17	95	59	105	220	384	53	215	108
Volatile Suspended Solids	Comp	160.4	1	mg/l	26	10	33	26	44	24	36	16	23	15
MBAS	Comp	A425.1	0	mg/l	0.077	0.068	0	0	0.051	0	0	0.058	0	0
Total Organic Carbon	Comp	A415.1	1	mg/l	8.8	7.3	6.4	5.6	4.7	5.5	6.7	9.6	7	8.4
BOD	Comp	A405.1	2	mg/l	15.69	31.84	18.3	14.8	4	6	7	8	7	11
Metals														
Dissolved Aluminum	Comp	A202.2	1000	mg/l	0	0	124	0	174	278	676	0	468	0
Total Aluminum	Comp	A202.2	1000	mg/l	365	216	183	238	313	673	716	128	686	494
Dissolved Antimony	Comp	A204.2	5	mg/l	0	0	0	0	0	0	0	0	0	0
Total Antimony	Comp	A204.2	5	mg/l	0	0	0	0	0	0	0	0	0	0
Dissolved Arsenic	Comp	A206.2	5	mg/l	0	0	0	0	0	0	0	0	0	0
Total Arsenic	Comp	A206.2	5	mg/l	0	0	0	0	0	0	0	0	0	0
Dissolved Barium	Comp	A208.2	10	mg/l	53.8	76.3	73.1	71.6	44.6	31.3	42.9	67.8	26.8	19.4
Total Barium	Comp	A208.2	10	mg/l	65.8	87.4	85.2	73.3	48.7	31.5	42.9	67.8	44.3	19.4
Dissolved Beryllium	Comp	A210.2	1	mg/l	0	0	0	0	0	0	0	0	0	0
Total Beryllium	Comp	A210.2	1	mg/l	0	0	0	0	0	0	0	0	0	0
Dissolved Boron	Comp	A212.3	100	mg/l	0	209	0	0	127	145	0	119	0	136
Total Boron	Comp	A212.3	100	mg/l	145	209	127	122	195	147	0	128	0	152
Dissolved Cadmium	Comp	A213.2	1	mg/l	0	0	0	0	0	0	0	0	0	0
Total Cadmium	Comp	A213.2	1	mg/l	0	0	0	0	0	0	0	0	0	0
Dissolved Chromium	Comp	A218.2	5	mg/l	0	0	0	0	0	0	0	0	0	0
Total Chromium	Comp	A218.2	5	mg/l	0	0	0	0	0	0	0	0	0	0

Table C-5. Summary of Results for the 1999-2000 Routine Monitoring at San Gabriel River

STATION NO.		S14	S14	S14	S14	S14	S14	S14	S14	S14	S14	S14	S14	
STATION NAME		San Gabriel	San Gabriel	San Gabriel	San Gabriel	San Gabriel	San Gabriel	San Gabriel	San Gabriel	San Gabriel	San Gabriel	San Gabriel	San Gabriel	
STORM NO.		River	River	River	River	River	River	River	River	River	River	River	River	
DATE		9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	9900-12	
		11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00	3/8/00	
	Sample Type	EPA Method	DL	Units										
Metals (cont.)														
Dissolved Chromium +6	Comp		10	mg/l	0	0	0	0	0	0	0	0	0	
Total Chromium +6	Comp		10	mg/l	0	0	0	0	0	0	0	0	0	
Dissolved Copper	Comp	A220.1	5	mg/l	5.2	0	0	0	0	0	0	0	0	
Total Copper	Comp	A220.1	5	mg/l	8.3	0	6.4	8.2	6.1	9.6	7.7	12.6	5.2	7.2
Dissolved Iron	Comp	A236.1	100	mg/l	170	0	0	0	0	1350	490	160	370	0
Total Iron	Comp	A236.1	100	mg/l	690	270	0	350	1070	1850	700	190	430	210
Dissolved Lead	Comp	A239.2	5	mg/l	0	0	0	0	0	0	0	0	0	0
Total Lead	Comp	A239.2	5	mg/l	6.1	0	0	0	0	0	0	0	0	0
Dissolved Manganese	Comp	A243.1	100	mg/l	0	0	0	0	0	0	0	0	0	0
Total Manganese	Comp	A243.1	100	mg/l	0	0	0	0	0	0	0	0	0	0
Dissolved Mercury	Comp	A245.1	1	mg/l	0	0	0	0	0	0	0	0	0	0
Total Mercury	Comp	A245.1	1	mg/l	0	0	0	0	0	0	0	0	0	0
Dissolved Nickel	Comp	A249.2	5	mg/l	0	0	0	0	0	0	0	0	0	0
Nickel	Comp	A249.2	5	mg/l	6.4	0	20.3	0	0	0	0	0	0	0
Total Selenium	Comp	A270.2	5	mg/l	0	0	0	0	0	0	0	0	0	0
Dissolved Silver	Comp	A272.2	1	mg/l	0	0	0	0	0	0	0	0	0	0
Total Silver	Comp	A272.2	1	mg/l	0	0	0	0	0	0	0	0	0	0
Dissolved Thallium	Comp	A279.2	5	mg/l	0	0	0	0	0	0	0	0	0	0
Total Thallium	Comp	A279.2	5	mg/l	0	0	0	0	0	0	0	0	0	0
Dissolved Zinc	Comp	A289.1	50	mg/l	0	0	0	0	0	0	0	0	0	0
Total Zinc	Comp	A289.1	50	mg/l	0	0	0	0	0	0	0	0	0	0
Semi-Volatiles Organics														
Bis(2-ethylhexyl)phthalate	Comp	625M	3	mg/l										
All other SVOCs	Comp	625M	0.5 - 5.0	mg/l										
Pesticides														
Diazinon	Comp	8141SOP	0	mg/l	0.08	0	0	0	0.05	0	0.024	0	0	0.1
Chlorpyrifos	Comp	8141SOP	0	mg/l	0	0	0	0	0	0	0	0	0	0
Carbofuran	Comp	531.1	5	mg/l	0	0	0	0	0	0	0	0	0	0
2,4-D	Comp	515.1	10	mg/l										
2,4,5-TP	Comp	515.1	1	mg/l										
Bentazon	Comp	515.1	2	mg/l										
Glyphosate	Comp	547	25	mg/l	0	0	0	0	0	0	0	0	0	0

Note:

- 1). blank cell indicates sample was not analyzed
- 2). 0 indicated level below detection limit

Table C-6. Summary of Results for the 1999-2000 Routine Monitoring at Sawpit Creek

STATION NO.	S11	S11	S11	S11	S11	S11	S11	S11	S11	S11	S11	S11	S11
STATION NAME	Sawpit	Sawpit	Sawpit	Sawpit	Sawpit	Sawpit	Sawpit	Sawpit	Sawpit	Sawpit	Sawpit	Sawpit	Sawpit
STORM NO.	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek
DATE	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	9900-12	
	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00	3/8/00	
	Sample Type	EPA Method	DL	Units									
Conventional													
Cyanide	Grab	A335.2	0	mg/l	0	0	0	0	0	0	0	0	0
TPH as Diesel	Grab	A418.1	1	mg/l									
TPH as Gas	Grab	A418.1	1	mg/l									
Oil and Grease	Grab	A413.1	1	mg/l	2.1	0	0	0	0	0	0	0	0
Total Phenols	Grab	A420.1	0	mg/l	0	0	0	0	0	0	0	0	0
Indicator Bacteria													
Total Coliform	Grab		20	MPN/100ml	22000	1400	35000	30000	1700	2200	22000	28000	17000
Fecal Coliform	Grab		20	MPN/100ml	800	900	500	1300	1700	2200	40	17000	210
Fecal Streptococcus	Grab		20	MPN/100ml	1700	5000	5000	5000	700	16000	2400	700	80
General													
Ammonia	Comp	A350.3	0	mg/l	0	0	0	0	0	0	0	0	0
Calcium	Comp	A215.2	1	mg/l	54.1	51.3	52.1	50.1	46.5	48.1	52.1	49.3	56.1
Magnesium	Comp	C3500MgD	1	mg/l	15.8	15.6	19.4	15.8	13.6	18	15.1	2.92	7.2
Potassium	Comp	A258.1	1	mg/l	3.48	3.26	2.91	2.9	2.78	2.61	2.72	2.31	2.19
Sodium	Comp	A273.1	1	mg/l	15.4	16.9	18.3	16.3	15.2	16	15.4	11.9	11.8
Bicarbonate	Comp	A310.1	2	mg/l	228	213	224	200	181	181	207	193	219
Carbonate	Comp	A310.1	2	mg/l	0	0	0	0	0	0	0	0	0
Chloride	Comp	B429	2	mg/l	7.41	7.55	8.5	8.88	9.66	9.88	10.62	8.7	9.6
Fluoride	Comp	B429	0	mg/l	0.5	0.48	0.47	0.46	0.46	0.47	0.49	0.42	0.51
Nitrate	Comp	B429	0	mg/l	3.78	4.54	4.62	5.5	8.07	10.3	10.6	9.51	9.51
Sulfate	Comp	B429	0	mg/l	29.1	28.1	31.1	28.9	29.2	30.9	27.5	25.2	31
Alkalinity	Comp	A310.1	4	mg/l	187	175	183	164	148	148	170	158	197
Hardness	Comp	A130.2	2	mg/l	200	192	210	190	172	194	192	135	214
Dissolved Phosphorus	Comp	A365.2	0	mg/l	0.05	0.06	0.11	0	0	0	0	0	0.062
Total Phosphorus	Comp	A365.2	0	mg/l	0.08	0.09	0.12	0.456	0	0	0.089	0.052	0.069
COD	Comp	A410.4	5	mg/l	12.6	17.2	18.5	21.9	17.2	35.5	45	0	0
pH	Comp	A150.1	na		8	8.09	8.19	8.03	7.67	7.84	8.08	7.68	8.06
NH3-N	Comp	A350.3	0	mg/l	0	0	0	0	0	0	0	0	0
Nitrate-N	Comp	C4110B	0	mg/l	0.854	1.02	1.04	1.24	1.82	2.33	2.39	2.15	2.15
Nitrite-N	Comp	C4110B	0	mg/l	0	0	0	0	0.037	0.04	0.03	0	0.043
Kjeldahl-N	Comp	A351.4	0	mg/l	1.98	0.576	0.536	0.638	1.54	0.804	0.868	1.694	0.962
Specific Conductance	Comp	A120.1	1	umhos/cm	437	410	432	411	394	404	427	382	436
Total Dissolved Solids	Comp	A160.1	2	mg/l	260	246	236	242	242	232	236	222	252
Turbidity	Comp	A180.1	0	NTU	216	341	122	137	151	102	152	164	96.9
Suspended Solids	Comp	A160.2	2	mg/l	460	567	275	314	308	192	220	380	171
Volatile Suspended Solids	Comp	160.4	1	mg/l	53	76	42	58	38	20	25	32	21
MBAS	Comp	A425.1	0	mg/l	0	0	0	0	0	0	0	0	0
Total Organic Carbon	Comp	A415.1	1	mg/l	3.4	3.6	3.3	4.2	6.9	6.9	5	4.6	3.3
BOD	Comp	A405.1	2	mg/l	4.01	10	2.4	3	3	0	0	2	0
Metals													
Dissolved Aluminum	Comp	A202.2	1000	mg/l	313	759	124	260	426	220	0	308	0
Total Aluminum	Comp	A202.2	1000	mg/l	866	759	531	503	792	423	591	909	210
Dissolved Antimony	Comp	A204.2	5	mg/l	0	0	0	0	0	0	0	0	0
Total Antimony	Comp	A204.2	5	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Arsenic	Comp	A206.2	5	mg/l	0	0	0	0	0	0	0	0	0
Total Arsenic	Comp	A206.2	5	mg/l	5.16	0	0	0	0	0	0	0	0
Dissolved Barium	Comp	A208.2	10	mg/l	106	85.2	94.2	80.9	66.6	65.8	74.8	38.9	49.6
Total Barium	Comp	A208.2	10	mg/l	128	99.6	99.3	80.9	74.8	66.1	76.6	69.6	49.6
Dissolved Beryllium	Comp	A210.2	1	mg/l	0	0	0	0	0	0	0	0	0
Total Beryllium	Comp	A210.2	1	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Boron	Comp	A212.3	100	mg/l	0	0	0	0	110	0	0	0	0
Total Boron	Comp	A212.3	100	mg/l	115	0	0	126	116	113	0	0	0
Dissolved Cadmium	Comp	A213.2	1	mg/l	0	0	0	0	0	0	0	0	0
Total Cadmium	Comp	A213.2	1	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Chromium	Comp	A218.2	5	mg/l	0	0	0	0	0	0	0	0	0
Total Chromium	Comp	A218.2	5	mg/l	0	0	0	0	0	0	0	0	0

Table C-6. Summary of Results for the 1999-2000 Routine Monitoring at Sawpit Creek

STATION NO.	S11	S11	S11	S11	S11	S11	S11	S11	S11	S11	S11	S11	S11
STATION NAME	Sawpit	Sawpit	Sawpit	Sawpit	Sawpit	Sawpit	Sawpit	Sawpit	Sawpit	Sawpit	Sawpit	Sawpit	Sawpit
STORM NO.	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek	Creek
DATE	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	9900-12	
	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00	3/8/00	
	Sample Type	EPA Method	DL	Units									
Metals (cont.)													
Dissolved Chromium +6	Comp		10	mg/l	0	0	0	0	0	0	0	0	0
Total Chromium +6	Comp		10	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Copper	Comp	A220.1	5	mg/l	0	0	0	0	0	0	0	0	0
Total Copper	Comp	A220.1	5	mg/l	6.6	6.5	0	5.5	17.7	6.9	8.3	0	0
Dissolved Iron	Comp	A236.1	100	mg/l	0	0	0	460	320	970	210	300	0
Total Iron	Comp	A236.1	100	mg/l	1020	0	0	1170	1400	1040	280	370	230
Dissolved Lead	Comp	A239.2	5	mg/l	0	0	0	0	0	0	0	0	0
Total Lead	Comp	A239.2	5	mg/l	0	0	0	0	6	0	0	0	0
Dissolved Manganese	Comp	A243.1	100	mg/l	0	0	0	0	0	0	0	0	0
Total Manganese	Comp	A243.1	100	mg/l	108	0	0	0	0	0	129	126	0
Dissolved Mercury	Comp	A245.1	1	mg/l	0	0	0	0	0	0	0	0	0
Total Mercury	Comp	A245.1	1	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Nickel	Comp	A249.2	5	mg/l	0	0	0	0	0	0	0	0	0
Nickel	Comp	A249.2	5	mg/l	0	9.7	0	0	10.8	7.59	0	0	0
Total Selenium	Comp	A270.2	5	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Silver	Comp	A272.2	1	mg/l	0	0	0	0	0	0	0	0	0
Total Silver	Comp	A272.2	1	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Thallium	Comp	A279.2	5	mg/l	0	0	0	0	0	0	0	0	0
Total Thallium	Comp	A279.2	5	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Zinc	Comp	A289.1	50	mg/l	0	0	0	0	0	0	0	0	0
Total Zinc	Comp	A289.1	50	mg/l	0	0	0	0	0	0	0	0	0
Semi-Volatiles Organics													
Bis(2-ethylhexyl)phthalate	Comp	625M	3	mg/l		4.7	3.5	22.7	5.8	3.6	0	0	0
All other SVOCs	Comp	625M	0.5 - 5.0	mg/l		0	0	0	0	0	0	0	0
Pesticides													
Diazinon	Comp	8141SOP	0	mg/l	0	0	0	0	0	0	0	0	0
Chlorpyrifos	Comp	8141SOP	0	mg/l	0	0	0	0	0	0	0	0	0
Carbofuran	Comp	531.1	5	mg/l	0	0	0	0	0	0	0	0	0
2,4-D	Comp	515.1	10	mg/l	0	0	0	0	0	0	0	0	0
2,4,5-TP	Comp	515.1	1	mg/l	0	0	0	0	0	0	0	0	0
Bentazon	Comp	515.1	2	mg/l	0	0	0	0	0	0	0	0	0
Glyphosate	Comp	547	25	mg/l	0	0	0	0	0	0	0	0	0

Note:

- 1). blank cell indicates sample was not analyzed
- 2). 0 indicated level below detection limit

Table C-7. Summary of Results for the 1999-2000 Routine Monitoring at Project 620

STATION NO.	S18	S18	S18	S18	S18	S18	S18	S18	S18	S18	S18	S18	S18
STATION NAME	Project 620	Project 620	Project 620	Project 620	Project 620	Project 620	Project 620	Project 620	Project 620	Project 620	Project 620	Project 620	Project 620
STORM NO.	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	9900-12	9900-12
DATE	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00	3/8/00	3/8/00
	Sample Type	EPA Method	DL	Units									
Conventional													
Cyanide	Grab	A335.2	0	mg/l									
TPH as Diesel	Grab	A418.1	1	mg/l									
TPH as Gas	Grab	A418.1	1	mg/l									
Oil and Grease	Grab	A413.1	1	mg/l									
Total Phenols	Grab	A420.1	0	mg/l									
Indicator Bacteria													
Total Coliform	Grab		20	MPN/100ml									
Fecal Coliform	Grab		20	MPN/100ml									
Fecal Streptococcus	Grab		20	MPN/100ml									
General													
Ammonia	Comp	A350.3	0	mg/l	1.95		1.4	0.383	0.588	0	0		0
Calcium	Comp	A215.2	1	mg/l	21.64		12.8	5.13	4.81	5.61	3.21		6.41
Magnesium	Comp	C3500MgD	1	mg/l	2.43		4.86	0.97	1.94	0.88	0.78		1.17
Potassium	Comp	A258.1	1	mg/l	10.14	6.9	11.5	6.46	3.17	3.08	2.12		1.84
Sodium	Comp	A273.1	1	mg/l	11.3	20.7	25.3	8.6	3.6	5	5.2		5.1
Bicarbonate	Comp	A310.1	2	mg/l	93.1		110	54.3	19.4	12.9	10.3		16.8
Carbonate	Comp	A310.1	2	mg/l	0		0	0	0	0	0		0
Chloride	Comp	B429	2	mg/l	10.4	10.6	14.1	4.83	3.23	3.37	6.47		3.28
Fluoride	Comp	B429	0	mg/l	0.34	0.53	0.42	0.17	0	0	0		0
Nitrate	Comp	B429	0	mg/l	19	8.22	8.67	4.24	3.53	3.13	1.72		0.89
Sulfate	Comp	B429	0	mg/l	19.3	24.7	29.9	9.07	4.46	6.17	4.48		2.26
Alkalinity	Comp	A310.1	4	mg/l	76		90.1	44.5	15.9	15.9	10.6		8.48
Hardness	Comp	A130.2	2	mg/l	64			52	16.8	20	17.6		11.2
Dissolved Phosphorus	Comp	A365.2	0	mg/l	0.648			0.77	0.31	0.247	0.308		0.125
Total Phosphorus	Comp	A365.2	0	mg/l	1.41			0.99	0.33	0.305	0.703		0.133
COD	Comp	A410.4	5	mg/l	90.2	345.8	71.7	75.8	55.9	28.1	0		23.4
pH	Comp	A150.1	na		7.2		7.35	6.98	6.93	6.7	6.41		6.5
NH3-N	Comp	A350.3	0	mg/l	1.61			1.16	0.317	0.486	0		0
Nitrate-N	Comp	C4110B	0	mg/l	4.29	1.86	1.96	0.957	0.797	0.707	0.388		0.201
Nitrite-N	Comp	C4110B	0	mg/l	0.209	0.362	0.456	0.274	0.055	0.097	0.033		0
Kjeldahl-N	Comp	A351.4	0	mg/l	13.5		13.2	3.88	1.16	1.112	1.27		0.726
Specific Conductance	Comp	A120.1	1	umhos/cm	249		350	145	70.5	74.1	68.2		39.5
Total Dissolved Solids	Comp	A160.1	2	mg/l	160		224	90	46	42	38		22
Turbidity	Comp	A180.1	0	NTU	137	156	131	98.7	13.6	5.71	11.2		8.89
Suspended Solids	Comp	A160.2	2	mg/l	531			372	74	37	55		26
Volatile Suspended Solids	Comp	160.4	1	mg/l	200			157	55	29	18		15
MBAS	Comp	A425.1	0	mg/l				0	0	0.058	0		0
Total Organic Carbon	Comp	A415.1	1	mg/l	25.7	20.8	25.3	15	7.3	6.2	6		4
BOD	Comp	A405.1	2	mg/l	47.7	24.6	23.37	23.6	5.6	7	3		3
Metals													
Dissolved Aluminum	Comp	A202.2	1000	mg/l	118	0	178	0	0	0	0		0
Total Aluminum	Comp	A202.2	1000	mg/l	209	154	402	142	140	0	139		0
Dissolved Antimony	Comp	A204.2	5	mg/l	0	0	0	0	0	0	0		0
Total Antimony	Comp	A204.2	5	mg/l	0	0	0	0	0	0	0		0
Dissolved Arsenic	Comp	A206.2	5	mg/l	0	0	0	0	0	0	0		0
Total Arsenic	Comp	A206.2	5	mg/l	0	6.74	5.13	0	0	0	0		0
Dissolved Barium	Comp	A208.2	10	mg/l	47.8	40.8	47.7	20.9	12	0	0		0
Total Barium	Comp	A208.2	10	mg/l	49.3	47.4	55.3	30.1	21.4	13.6	0		0
Dissolved Beryllium	Comp	A210.2	1	mg/l	0	0	0	0	0	0	0		0
Total Beryllium	Comp	A210.2	1	mg/l	0	0	0	0	0	0	0		0
Dissolved Boron	Comp	A212.3	100	mg/l	0	0	179	0	0	0	0		0
Total Boron	Comp	A212.3	100	mg/l	114	126	246	126	0	0	0		0
Dissolved Cadmium	Comp	A213.2	1	mg/l	0	0	0	0	0	0	0		0
Total Cadmium	Comp	A213.2	1	mg/l	0	0	0	0	0	0	0		0
Dissolved Chromium	Comp	A218.2	5	mg/l	0	0	0	0	0	0	0		0
Total Chromium	Comp	A218.2	5	mg/l	0	0	0	0	0	0	0		0

Table C-7. Summary of Results for the 1999-2000 Routine Monitoring at Project 620

STATION NO.	S18	S18	S18	S18	S18	S18	S18	S18	S18	S18	S18	S18	S18
STATION NAME	Project 620	Project 620	Project 620	Project 620	Project 620	Project 620	Project 620	Project 620	Project 620	Project 620	Project 620	Project 620	Project 620
STORM NO.	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	9900-12	9900-12
DATE	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00	3/8/00	3/8/00
	Sample Type	EPA Method	DL	Units									
Metals (cont.)													
Dissolved Chromium +6	Comp		10	mg/l		0	0	0	0	0	0	0	0
Total Chromium +6	Comp		10	mg/l		0	0	0	0	0	0	0	0
Dissolved Copper	Comp	A220.1	5	mg/l		26.2	24.6	32.5	11.5	0	0	0	0
Total Copper	Comp	A220.1	5	mg/l		28.5	24.6	38	17	10.1	10.5	8.9	0
Dissolved Iron	Comp	A236.1	100	mg/l		410	240	230	0	0	0	0	0
Total Iron	Comp	A236.1	100	mg/l		570	410	550	0	0	0	0	160
Dissolved Lead	Comp	A239.2	5	mg/l		0	0	0	0	0	0	0	0
Total Lead	Comp	A239.2	5	mg/l		8.2	5.3	7.41	0	0	0	0	0
Dissolved Manganese	Comp	A243.1	100	mg/l		150	0	0	0	0	0	0	0
Total Manganese	Comp	A243.1	100	mg/l		150	0	0	0	0	0	0	0
Dissolved Mercury	Comp	A245.1	1	mg/l		0	0	0	0	0	0	0	0
Total Mercury	Comp	A245.1	1	mg/l		0	0	0	0	0	0	0	0
Dissolved Nickel	Comp	A249.2	5	mg/l		0	0	0	0	0	0	0	0
Nickel	Comp	A249.2	5	mg/l		0	5.6	6.4	5.3	0	0	0	0
Total Selenium	Comp	A270.2	5	mg/l		0	0	0	0	0	0	0	0
Dissolved Silver	Comp	A272.2	1	mg/l		0	0	0	0	0	0	0	0
Total Silver	Comp	A272.2	1	mg/l		0	0	0	0	0	0	0	0
Dissolved Thallium	Comp	A279.2	5	mg/l		0	0	0	0	0	0	0	0
Total Thallium	Comp	A279.2	5	mg/l		0	0	0	0	0	0	0	0
Dissolved Zinc	Comp	A289.1	50	mg/l		0	0	0	0	0	0	0	0
Total Zinc	Comp	A289.1	50	mg/l		64	0	0	0	0	0	0	0
Semi-Volatiles Organics													
Bis(2-ethylhexyl)phthalate	Comp	625M	3	mg/l					20.6		73.8	6.1	1.5
All other SVOCs	Comp	625M	0.5 - 5.0	mg/l					0		0	0	0
Pesticides													
Diazinon	Comp	8141SOP	0	mg/l		0	0	0	0	0	0	0	0.25
Chlorpyrifos	Comp	8141SOP	0	mg/l		0	0	0	0	0	0	0	0
Carbofuran	Comp	531.1	5	mg/l		0	0	0	0	0	0	0	0
2,4-D	Comp	515.1	10	mg/l					0	0	0	0	0
2,4,5-TP	Comp	515.1	1	mg/l					0	0	0	0	0
Bentazon	Comp	515.1	2	mg/l					0	0	0	0	0
Glyphosate	Comp	547	25	mg/l		0	0	0	0	0	0	0	0

Note:

- 1). blank cell indicates sample was not analyzed
- 2). 0 indicated level below detection limit

Table C-8. Summary of Results for the 1999-2000 Routine Monitoring at Dominguez Channel

STATION NO.	S23	S23	S23	S23	S23	S23	S23	S23	S23	S23	S23	S23	S23	S23		
STATION NAME	Dominguez	Dominguez	Dominguez	Dominguez	Dominguez	Dominguez	Dominguez	Dominguez	Dominguez	Dominguez	Dominguez	Dominguez	Dominguez	Dominguez		
STORM NO.	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel		
DATE	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	9900-12	9900-12	9900-12		
	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00	3/8/00	3/8/00	3/8/00		
	Sample Type	EPA Method	DL	Units												
Conventional																
Cyanide	Grab	A335.2	0	mg/l												
TPH as Diesel	Grab	A418.1	1	mg/l												
TPH as Gas	Grab	A418.1	1	mg/l												
Oil and Grease	Grab	A413.1	1	mg/l												
Total Phenols	Grab	A420.1	0	mg/l												
Indicator Bacteria																
Total Coliform	Grab		20	MPN/100ml												
Fecal Coliform	Grab		20	MPN/100ml												
Fecal Streptococcus	Grab		20	MPN/100ml												
General																
Ammonia	Comp	A350.3	0	mg/l	3.27	0.137	0.386	0	0.116	0.169	0	0	0.246	0.719	0	
Calcium	Comp	A215.2	1	mg/l	22.44	10.4	12.8	11.2	6.41	8.02	7.7	6.41	8.82	8.02	6.09	
Magnesium	Comp	C3500MgD	1	mg/l	2.43	1.46	1.94	2.92	0.97	0.97	1.17	1.17	1.65	2.43	1.17	
Potassium	Comp	A258.1	1	mg/l	5.6	5.66	2.47	3.45	2.49	1.37	1.73	1.69	1.4	2.08	1.6	1.11
Sodium	Comp	A273.1	1	mg/l	42.9	20.8	8.6	13.7	10.4	5.5	6.8	6.2	5.1	7.3	5.4	5.2
Bicarbonate	Comp	A310.1	2	mg/l	71.1	31	32.3	32.3	19.4	19.4	19.4	19.4	25.9	19.4	19.4	
Carbonate	Comp	A310.1	2	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Chloride	Comp	B429	2	mg/l	30.3	14.8	4.26	6.28	6.17	3.34	3.73	4.32	2.99	6.21	5.54	5.49
Fluoride	Comp	B429	0	mg/l	0.53	0.43	0.27	0.32	0.22	0	0	0	0	0.1	0	0
Nitrate	Comp	B429	0	mg/l	25.9	11	4.58	6.47	3.09	1.54	2.28	1.76	1.37	2.77	5.81	1.57
Sulfate	Comp	B429	0	mg/l	70.3	34.6	13.5	17.4	12	6.1	7.78	8.09	6.07	11.7	12.5	6.04
Alkalinity	Comp	A310.1	4	mg/l	58.3	31	26.5	26.5	15.9	15.9	15.9	15.9	21.2	15.9	15.9	15.9
Hardness	Comp	A130.2	2	mg/l	66	32	40	40	20	24	24	20.8	28.8	30	20	20
Dissolved Phosphorus	Comp	A365.2	0	mg/l	0.946	0.51	0.62	0.48	0.18	0	0.223	0.111	0.282	0.279	0.285	0.285
Total Phosphorus	Comp	A365.2	0	mg/l	1.4	0.58	0.73	1.59	0.22	0.261	0.223	0.136	0.319	0.352	0.298	0.298
COD	Comp	A410.4	5	mg/l	216	103.9	0	33.7	43.9	32.4	22.9	12.3	56.2	83.3	0	0
pH	Comp	A150.1	na		7.13	7.07	7.03	7.09	6.71	6.82	6.56	6.74	6.73	6.12	6.59	6.59
NH3-N	Comp	A350.3	0	mg/l	2.7	0.113	0.319	0	0	0.14	0	0	0.204	0.595	0	0
Nitrate-N	Comp	C4110B	0	mg/l	7.88	2.48	1.03	1.46	0.698	0.348	0.515	0.397	0.309	0.625	1.31	0.355
Nitrite-N	Comp	C4110B	0	mg/l	0.18	0.359	0.146	0.228	0.11	0.052	0.079	0.091	0.094	0.061	0.113	0.058
Kjeldahl-N	Comp	A351.4	0	mg/l	6.3	11.2	2.8	2.85	2.12	0.622	0.826	1.17	0.766	0.836	1.216	0.804
Specific Conductance	Comp	A120.1	1	umhos/cm	440	275	115	151	124	69.6	86.1	84	70.3	103	91.1	72.7
Total Dissolved Solids	Comp	A160.1	2	mg/l	292	180	70	98	80	44	50	54	40	58	52	42
Turbidity	Comp	A180.1	0	NTU	79.3	5.27	51.3	29.7	57.3	37	39.2	26.5	35	21.8	22.8	21.5
Suspended Solids	Comp	A160.2	2	mg/l	644	384	103	68	155	95	54	64	64	37	38	37
Volatile Suspended Solids	Comp	160.4	1	mg/l	258	136	36	43	62	43	38	20	15	10	4	10
MBAS	Comp	A425.1	0	mg/l	0.151	0.117	0.16	0.092	0	0.139	0.085	0.097	0.151	0.119	0.085	0.085
Total Organic Carbon	Comp	A415.1	1	mg/l	30.34	30.5	7.6	11.5	11.25	4.6	5.7	8.2	5	12.7	11.3	6.9
BOD	Comp	A405.1	2	mg/l	107.4	45.76	6.19	15.36	12.2	6.3	6.3	5	6	10	5	5
Metals																
Dissolved Aluminum	Comp	A202.2	1000	mg/l	106	142	186	329	345	150	195	166	402	0	0	288
Total Aluminum	Comp	A202.2	1000	mg/l	7630	433	354	329	359	463	305	190	471	336	340	431
Dissolved Antimony	Comp	A204.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Total Antimony	Comp	A204.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Dissolved Arsenic	Comp	A206.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	Comp	A206.2	5	mg/l	5.77	0	5.19	0	0	0	0	0	0	0	0	0
Dissolved Barium	Comp	A208.2	10	mg/l	76.7	45.7	17.4	0	15.2	12.9	0	0	18.1	27.1	11.1	0
Total Barium	Comp	A208.2	10	mg/l	169	46.5	34.2	20.9	22.3	23	16.8	0	23	32.3	15.7	10.3
Dissolved Beryllium	Comp	A210.2	1	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Total Beryllium	Comp	A210.2	1	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Dissolved Boron	Comp	A212.3	100	mg/l	284	162	209	123	0	0	0	102	0	126	0	0
Total Boron	Comp	A212.3	100	mg/l	314	572	295	266	124	0	117	107	0	143	0	0
Dissolved Cadmium	Comp	A213.2	1	mg/l	0	1.2	0	0	0	0	0	0	0	0	0	0
Total Cadmium	Comp	A213.2	1	mg/l	5.8	2	0	0	0	0	0	0	0	0	0	0
Dissolved Chromium	Comp	A218.2	5	mg/l	5.1	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	Comp	A218.2	5	mg/l	20.6	8.9	0	0	0	0	0	0	0	0	0	0

Table C-8. Summary of Results for the 1999-2000 Routine Monitoring at Dominguez Channel

STATION NO.				S23	S23	S23	S23	S23	S23	S23	S23	S23	S23	S23	S23	
STATION NAME				Dominguez	Dominguez	Dominguez	Dominguez	Dominguez	Dominguez	Dominguez	Dominguez	Dominguez	Dominguez	Dominguez	Dominguez	
STORM NO.				Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	
DATE				9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	9900-12	
	Sample	EPA		11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00	3/8/00	
	Type	Method	DL	Units												
Metals (cont.)																
Dissolved Chromium +6	Comp		10	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Total Chromium +6	Comp		10	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Dissolved Copper	Comp	A220.1	5	mg/l	33.6	74.7	34.5	47.5	29.1	12.1	19.5	18.9	12.3	29.4	24.1	9.2
Total Copper	Comp	A220.1	5	mg/l	402	97.5	41.4	61.5	41.7	27.1	28	29.9	22.5	35.4	25.7	18.2
Dissolved Iron	Comp	A236.1	100	mg/l	270	390	160	150	0	0	120	140	320	170	240	230
Total Iron	Comp	A236.1	100	mg/l	7410	530	600	530	200	0	390	310	590	460	300	470
Dissolved Lead	Comp	A239.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	Comp	A239.2	5	mg/l	71.7	5.6	0	0	0	0	0	0	0	0	0	0
Dissolved Manganese	Comp	A243.1	100	mg/l	140	110	0	0	0	0	0	0	0	0	0	0
Total Manganese	Comp	A243.1	100	mg/l	260	130	0	0	0	0	0	0	0	0	0	0
Dissolved Mercury	Comp	A245.1	1	mg/l		0	0	0	0	0	0	0	0	0	0	0
Total Mercury	Comp	A245.1	1	mg/l		0	0	0	0	0	0	0	0	0	0	0
Dissolved Nickel	Comp	A249.2	5	mg/l	26	10.3	0	6	0	0	0	0	0	0	0	0
Nickel	Comp	A249.2	5	mg/l	44	10.4	6.3	6.6	8	0	0	0	0	0	0	0
Total Selenium	Comp	A270.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Dissolved Silver	Comp	A272.2	1	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	Comp	A272.2	1	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Dissolved Thallium	Comp	A279.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Total Thallium	Comp	A279.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Dissolved Zinc	Comp	A289.1	50	mg/l	770	519	234	305	234	92	130	128	103	132	152	98
Total Zinc	Comp	A289.1	50	mg/l	1410	548	263	320	264	120	144	142	112	162	201	110
Semi-Volatiles Organics																
Bis(2-ethylhexyl)phthalate	Comp	625M	3	mg/l	0											
All other SVOCs	Comp	625M	0.5 - 5.0	mg/l	0											
Pesticides																
Diazinon	Comp	8141SOP	0	mg/l		0	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos	Comp	8141SOP	0	mg/l		0	0	0	0	0	0	0	0	0	0	0
Carbofuran	Comp	531.1	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
2,4-D	Comp	515.1	10	mg/l												
2,4,5-TP	Comp	515.1	1	mg/l												
Bentazon	Comp	515.1	2	mg/l												
Glyphosate	Comp	547	25	mg/l	0	0	0	0	0	0	0	0	0	0	0	0

Note:

- 1). blank cell indicates sample was not analyzed
- 2). 0 indicated level below detection limit

Table C-9. Summary of Results for the 1999-2000 Routine Monitoring at Project 1202

STATION NO.			S24	S24	S24	S24	S24	S24	S24	S24	S24	S24	S24	S24
STATION NAME			Project 1202	Project 1202	Project 1202	Project 1202	Project 1202	Project 1202	Project 1202	Project 1202	Project 1202	Project 1202	Project 1202	Project 1202
STORM NO.			9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	9900-12
DATE			11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00	3/8/00
	Sample Type	EPA Method	DL	Units										
Conventional														
Cyanide	Grab	A335.2	0	mg/l										
TPH as Diesel	Grab	A418.1	1	mg/l										
TPH as Gas	Grab	A418.1	1	mg/l										
Oil and Grease	Grab	A413.1	1	mg/l										
Total Phenols	Grab	A420.1	0	mg/l										
Indicator Bacteria														
Total Coliform	Grab		20	MPN/100ml										
Fecal Coliform	Grab		20	MPN/100ml										
Fecal Streptococcus	Grab		20	MPN/100ml										
General														
Ammonia	Comp	A350.3	0	2.92	3.48	0.797	0.131	0.321	0.248	0.21	0	0	0.204	0
Calcium	Comp	A215.2	1	32.1	20.04	8.82	11.2	13.1	6.4	7.21	5.77	4.81	3.61	3.21
Magnesium	Comp	C3500MgD	1	4.86	2.62	1.46	1.94	2.72	1.94	1.46	0.88	0.97	4.13	0.97
Potassium	Comp	A258.1	1	5.45	4.48	2.23	2.44	2.81	1.91	1.98	1.52	1.38	2.33	1
Sodium	Comp	A273.1	1	36.1	20.2	7.2	13.1	13.4	8.1	7.4	5.5	5.3	12.1	2.5
Bicarbonate	Comp	A310.1	2	67.2	55.6	32.3	33.6	37.5	19.4	23.3	16.8	15.5	29.7	12.9
Carbonate	Comp	A310.1	2	0	0	0	0	0	0	0	0	0	0	0
Chloride	Comp	B429	2	31.1	20.9	5.3	8.08	11.4	8.56	7.35	6.2	5.2	12	5.04
Fluoride	Comp	B429	0	0.22	0.34	0.19	0.19	0.25	0.11	0	0	0	0.11	0
Nitrate	Comp	B429	0	22.7	10.1	3.9	4.67	2.91	2.04	1.91	1.05	1.29	3.76	0.66
Sulfate	Comp	B429	0	55.9	23.9	7.86	11.9	12.4	7.25	6.36	4.19	2.93	12.2	2.57
Alkalinity	Comp	A310.1	4	55.1	45.6	26.5	27.6	30.7	15.9	19.1	13.8	12.7	24.4	10.6
Hardness	Comp	A130.2	2	100	61	28	36	44	24	24	18	16	26	12
Dissolved Phosphorus	Comp	A365.2	0	0.288	0.401	0.29	0.25	0.22	0.1	0	0.118	0	0.277	0.112
Total Phosphorus	Comp	A365.2	0	0.705	1.16	0.33	0.28	0.25	0.12	0.225	0.129	0.054	0.303	0.122
COD	Comp	A410.4	5	214.5	140	36.9	28	65.8	41.7	30.7	0	31.8	73.4	0
pH	Comp	A150.1	na	7.43	7.07	6.74	7	6.82	6.64	6.86	6.41	6.43	7.1	6.21
NH3-N	Comp	A350.3	0	2.41	2.88	0.659	0.108	0.265	0.205	0.174	0	0	0.169	0
Nitrate-N	Comp	C4110B	0	6.91	2.28	0.88	1.05	0.657	0.46	0.43	0.237	0.291	0.849	0.149
Nitrite-N	Comp	C4110B	0	0.125	0.222	0.094	0.094	0.107	0.36	0.061	0.033	0.033	0.079	0
Kjeldahl-N	Comp	A351.4	0	8.46	8.38	2.06	2.76	3.1	0.398	0.95	0.91	0.752	2.2	0.944
Specific Conductance	Comp	A120.1	1	373	260	104	142	149	85.4	91.4	70	57.5	69.4	48.9
Total Dissolved Solids	Comp	A160.1	2	260	170	58	92	96	48	56	40	32	48	28
Turbidity	Comp	A180.1	0	104	66.4	95.6	57.1	131	47.6	110	40.8	56.7	61.8	64.2
Suspended Solids	Comp	A160.2	2	411	596	174	97	340	117	140	90	126	129	116
Volatile Suspended Solids	Comp	160.4	1	100	157	46	42	111	50	58	21	27	15	22
MBAS	Comp	A425.1	0	0.497	0.231	0.14	0.142	0.107	0.08	0.142	0.121	0.096	0.067	0.075
Total Organic Carbon	Comp	A415.1	1	45.62	39	11.7	10.9	17	6	5	6.1	4.6	12.4	3.5
BOD	Comp	A405.1	2	59	29.16	13.32	10.89	16.7	4.9	7	4	6	7	3
Metals														
Dissolved Aluminum	Comp	A202.2	1000	246	155	457	377	555	136	628	188	367	1580	666
Total Aluminum	Comp	A202.2	1000	4250	236	863	385	555	396	744	291	490	2180	1210
Dissolved Antimony	Comp	A204.2	5	0	0	0	0	0	0	0	0	0	0	0
Total Antimony	Comp	A204.2	5	0	0	0	0	0	0	0	0	0	0	0
Dissolved Arsenic	Comp	A206.2	5	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	Comp	A206.2	5	0	0	0	0	0	0	0	0	0	0	0
Dissolved Barium	Comp	A208.2	10	83.7	41.9	26	0	26.5	23.3	21.5	0	21.4	45.5	16.3
Total Barium	Comp	A208.2	10	124	57.4	46.3	14.1	33.4	30.1	33.3	0	22	54.1	25.1
Dissolved Beryllium	Comp	A210.2	1	0	0	0	0	0	0	0	0	0	0	0
Total Beryllium	Comp	A210.2	1	0	0	0	0	0	0	0	0	0	0	0
Dissolved Boron	Comp	A212.3	100	185	0	0	0	0	0	0	0	0	0	0
Total Boron	Comp	A212.3	100	240	0	0	244	134	0	107	0	0	237	0
Dissolved Cadmium	Comp	A213.2	1	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	Comp	A213.2	1	1.5	0	0	0	0	0	0	0	0	0	0
Dissolved Chromium	Comp	A218.2	5	8.7	0	0	0	0	0	0	0	0	0	0
Total Chromium	Comp	A218.2	5	16.4	0	0	0	0	0	0	0	0	5.3	0

Table C-9. Summary of Results for the 1999-2000 Routine Monitoring at Project 1202

STATION NO.				S24	S24	S24	S24	S24	S24	S24	S24	S24	S24	S24	S24	
STATION NAME				Project 1202	Project 1202	Project 1202	Project 1202	Project 1202	Project 1202	Project 1202	Project 1202	Project 1202	Project 1202	Project 1202	Project 1202	
STORM NO.				9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	9900-12	
DATE				11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00	3/8/00	
	Sample Type	EPA Method	DL	Units												
Metals (cont.)																
Dissolved Chromium +6	Comp		10	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Total Chromium +6	Comp		10	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Dissolved Copper	Comp	A220.1	5	mg/l	29.6	39.7	13.7	14.8	12.8	0	5.4	5.6	0	16.1	0	
Total Copper	Comp	A220.1	5	mg/l	85.1	39.7	17.8	20.1	21.9	10.1	11	12.3	8.6	23.2	5.3	
Dissolved Iron	Comp	A236.1	100	mg/l	350	450	270	260	0	0	0	940	230	420	440	
Total Iron	Comp	A236.1	100	mg/l	4030	660	910	570	0	0	0	1160	320	490	670	
Dissolved Lead	Comp	A239.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Total Lead	Comp	A239.2	5	mg/l	33.7	7.9	11.8	0	0	0	5.4	0	0	5.19	5.28	
Dissolved Manganese	Comp	A243.1	100	mg/l	230	210	0	0	0	0	0	0	0	0	0	
Total Manganese	Comp	A243.1	100	mg/l	340	230	0	0	0	0	0	0	0	0	0	
Dissolved Mercury	Comp	A245.1	1	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Total Mercury	Comp	A245.1	1	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Dissolved Nickel	Comp	A249.2	5	mg/l	17.9	15.6	6.7	6.9	6.1	0	0	0	0	0	0	
Nickel	Comp	A249.2	5	mg/l	80.4	20.1	7.9	7.9	14.9	0	0	0	0	0	5.25	
Total Selenium	Comp	A270.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Dissolved Silver	Comp	A272.2	1	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Total Silver	Comp	A272.2	1	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Dissolved Thallium	Comp	A279.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Total Thallium	Comp	A279.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Dissolved Zinc	Comp	A289.1	50	mg/l	2320	1128	367	314	317	251	251	177	219	154	80	
Total Zinc	Comp	A289.1	50	mg/l	3720	1212	492	360	374	251	282	218	241	221	175	
Semi-Volatiles Organics																
Bis(2-ethylhexyl)phthalate	Comp	625M	3	mg/l	0											
All other SVOCs	Comp	625M	0.5 - 5.0	mg/l	0											
Pesticides																
Diazinon	Comp	8141SOP	0	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Chlorpyrifos	Comp	8141SOP	0	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Carbofuran	Comp	531.1	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	
2,4-D	Comp	515.1	10	mg/l												
2,4,5-TP	Comp	515.1	1	mg/l												
Bentazon	Comp	515.1	2	mg/l												
Glyphosate	Comp	547	25	mg/l	0	0	0	0	0	0	0	0	0	0	0	

Note:

- 1). blank cell indicates sample was not analyzed
- 2). 0 indicated level below detection limit

Table C-10. Summary of Results for the 1999-2000 Routine Monitoring at Project 404

STATION NO.	S25	S25	S25	S25	S25	S25	S25	S25	S25	S25	S25	S25	S25	S25		
STATION NAME	Project 474	Project 474	Project 474	Project 474	Project 474	Project 474	Project 474	Project 474	Project 474	Project 474	Project 474	Project 474	Project 474	Project 474		
STORM NO.	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	9900-12	9900-12	9900-12		
DATE	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00	3/8/00	3/8/00	3/8/00		
	Sample Type	EPA Method	DL	Units												
Conventional																
Cyanide	Grab	A335.2	0	mg/l												
TPH as Diesel	Grab	A418.1	1	mg/l												
TPH as Gas	Grab	A418.1	1	mg/l												
Oil and Grease	Grab	A413.1	1	mg/l												
Total Phenols	Grab	A420.1	0	mg/l												
Indicator Bacteria																
Total Coliform	Grab		20	MPN/100ml												
Fecal Coliform	Grab		20	MPN/100ml												
Fecal Streptococcus	Grab		20	MPN/100ml												
General																
Ammonia	Comp	A350.3	0	mg/l	0	0.71	0	0.298	0	0	0	0	0	0.141	0	
Calcium	Comp	A215.2	1	mg/l	40.1	56.11	17.6	10.4	27.3	19.2	25.7	15.1	16	10.4	8.82	18
Magnesium	Comp	C3500MgD	1	mg/l	12.2	12.16	2.92	2.92	4.86	2.92	1.46	2.53	1.94	2.43	4.37	2.72
Potassium	Comp	A258.1	1	mg/l	8.5	7.62	3.42	2.71	3.72	2.79	3.81	2.47	2.09	2.38	1.66	2.03
Sodium	Comp	A273.1	1	mg/l	197	72	11.5	8.1	15.2	8.6	16.6	5.9	6.1	5	3.8	5.5
Bicarbonate	Comp	A310.1	2	mg/l	116	132	51.7	34.9	58.2	41.4	60.8	44	38.8	27.2	31	51.7
Carbonate	Comp	A310.1	2	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Chloride	Comp	B429	2	mg/l	227	55.2	6.39	4.86	12.2	5.44	15.4	4.52	2.22	4.13	4.3	5.66
Fluoride	Comp	B429	0	mg/l	0.85	0.65	0.15	0.15	0.25	0.14	0.18	0	0	0.1	0	0
Nitrate	Comp	B429	0	mg/l	7.74	4.32	4.63	5.88	2.66	2.11	2.69	1.28	2.69	2.86	3.53	1.72
Sulfate	Comp	B429	0	mg/l	61.2	108	25.6	12.5	42.4	25.4	32.1	14	6.5	11.7	6.95	9.05
Alkalinity	Comp	A310.1	4	mg/l	95.4	108	51.7	28.6	47.7	33.9	49.8	36	31.8	22.3	25.4	42.4
Hardness	Comp	A130.2	2	mg/l	150	190	56	38	88	60	70	48	48	36	40	56
Dissolved Phosphorus	Comp	A365.2	0	mg/l	0.218	0.5	0.17	0.15	0.2	0.21	0	0.193	0.286	0.184	0.141	0.239
Total Phosphorus	Comp	A365.2	0	mg/l	0.468	0.545	0.19	0.17	0.24	0.25	0.196	0.238	0.316	0.217	0.177	0.275
COD	Comp	A410.4	5	mg/l	81.8	50	0	0	27.2	41.7	35	0	52.4	133	0	0
pH	Comp	A150.1	na		8.07	7.32	7.16	7.11	7.26	7.16	7.25	6.92	7.03	6.93	6.65	7.32
NH3-N	Comp	A350.3	0	mg/l	0	0.588	0	0.246	0	0	0	0	0	0	0.117	0
Nitrate-N	Comp	C4110B	0	mg/l	1.07	0.975	1.04	1.33	0.601	0.476	0.607	0.289	0.607	0.646	0.797	0.388
Nitrite-N	Comp	C4110B	0	mg/l	0	0.088	0.058	0.122	0.07	0.04	0.076	0.04	0.04	0.073	0.058	0.067
Kjeldahl-N	Comp	A351.4	0	mg/l	7.22	3.06	1.67	2.27	1.666	0.95	0.922	0.974	0.842	0.988	1.144	1.294
Specific Conductance	Comp	A120.1	1	umhos/cm	1180	704	197	123	244	163	229	128	109	104	94.6	141
Total Dissolved Solids	Comp	A160.1	2	mg/l	678	462	114	80	148	106	136	80	60	60	54	88
Turbidity	Comp	A180.1	0	NTU	64.9	6.68	69.1	20.3	104	111	167	122	349	96.3	131	249
Suspended Solids	Comp	A160.2	2	mg/l	107	15	95	30	210	155	144	120	348	130	212	202
Volatile Suspended Solids	Comp	160.4	1	mg/l	17	12	17	23	44	45	48	15	37	17	21	27
MBAS	Comp	A425.1	0	mg/l	0	0.089	0.053	0.088	0	0	0	0	0	0	0	0
Total Organic Carbon	Comp	A415.1	1	mg/l	5.3	13.8	6	6.7	8.7	6.1	5.6	5.7	5.2	6.7	5.9	7
BOD	Comp	A405.1	2	mg/l	13.6	10.69	11.73	5.64	7.3	5.9	6	4	4	4	3	3
Metals																
Dissolved Aluminum	Comp	A202.2	1000	mg/l	0	0	328	201	465	333	702	656	1520	456	736	1400
Total Aluminum	Comp	A202.2	1000	mg/l	354	0	392	201	528	677	790	843	1520	763	1430	1400
Dissolved Antimony	Comp	A204.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Total Antimony	Comp	A204.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Dissolved Arsenic	Comp	A206.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	Comp	A206.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Dissolved Barium	Comp	A208.2	10	mg/l	92.2	52.5	27.4	12.9	36.9	41.8	48.9	19.5	45	33.1	23.8	31.1
Total Barium	Comp	A208.2	10	mg/l	99.6	63.3	43	21.7	46.9	44.7	55.4	27.5	48.5	33.1	37.3	34.8
Dissolved Beryllium	Comp	A210.2	1	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Total Beryllium	Comp	A210.2	1	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Dissolved Boron	Comp	A212.3	100	mg/l	599	436	206	170	129	0	111	128	0	0	0	0
Total Boron	Comp	A212.3	100	mg/l	685	486	373	312	194	123	161	134	0	0	0	0
Dissolved Cadmium	Comp	A213.2	1	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	Comp	A213.2	1	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Dissolved Chromium	Comp	A218.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	Comp	A218.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0

Table C-10. Summary of Results for the 1999-2000 Routine Monitoring at Project 404

STATION NO.	S25	S25	S25	S25	S25	S25	S25	S25	S25	S25	S25	S25	S25	S25		
STATION NAME	Project 474	Project 474	Project 474	Project 474	Project 474	Project 474	Project 474	Project 474	Project 474	Project 474	Project 474	Project 474	Project 474	Project 474		
STORM NO.	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	9900-12	9900-12	9900-12		
DATE	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00	3/8/00	3/8/00	3/8/00		
	Sample Type	EPA Method	DL	Units												
Metals (cont.)																
Dissolved Chromium +6	Comp		10	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Total Chromium +6	Comp		10	mg/l	0	0	0	0	0	0	0	0	0	0	0	
Dissolved Copper	Comp	A220.1	5	mg/l	5.64	9.7	10.8	12.5	7.7	0	7.8	5.5	0	6.5	5.8	0
Total Copper	Comp	A220.1	5	mg/l	5.64	11.5	12.1	17.7	13.1	11.1	14.1	12.1	12.9	10.7	10.9	12.2
Dissolved Iron	Comp	A236.1	100	mg/l	0	370	310	270	0	0	0	320	1700	340	270	930
Total Iron	Comp	A236.1	100	mg/l	0	380	600	430	0	0	0	570	1900	650	350	1250
Dissolved Lead	Comp	A239.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	Comp	A239.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Dissolved Manganese	Comp	A243.1	100	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Total Manganese	Comp	A243.1	100	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Dissolved Mercury	Comp	A245.1	1	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	Comp	A245.1	1	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Dissolved Nickel	Comp	A249.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Nickel	Comp	A249.2	5	mg/l	0	0	8.4	0	7	6.8	0	0	10.9	10.7	5.12	6.16
Total Selenium	Comp	A270.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Dissolved Silver	Comp	A272.2	1	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	Comp	A272.2	1	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Dissolved Thallium	Comp	A279.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Total Thallium	Comp	A279.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Dissolved Zinc	Comp	A289.1	50	mg/l	0	0	92	110	75	0	0	0	0	55	0	0
Total Zinc	Comp	A289.1	50	mg/l	0	0	116	119	98	0	77	71	0	72	65	0
Semi-Volatiles Organics																
Bis(2-ethylhexyl)phthalate	Comp	625M	3	mg/l												
All other SVOCs	Comp	625M	0.5 - 5.0	mg/l												
Pesticides																
Diazinon	Comp	8141SOP	0	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos	Comp	8141SOP	0	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
Carbofuran	Comp	531.1	5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0
2,4-D	Comp	515.1	10	mg/l												
2,4,5-TP	Comp	515.1	1	mg/l												
Bentazon	Comp	515.1	2	mg/l												
Glyphosate	Comp	547	25	mg/l	0	0	0	0	0	0	0	0	0	0	0	0

Note:

- 1). blank cell indicates sample was not analyzed
- 2). 0 indicated level below detection limit

Table C-11. Summary of Results for the 1999-2000 Routine Monitoring at Project 404

STATION NO.	S26	S26	S26	S26	S26	S26	S26	S26	S26	S26	S26	S26	S26
STATION NAME	Project 404	Project 404	Project 404	Project 404	Project 404	Project 404	Project 404	Project 404	Project 404	Project 404	Project 404	Project 404	Project 404
STORM NO.	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	9900-12	9900-12
DATE	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00	3/8/00	3/8/00
	Sample Type	EPA Method	DL	Units									
Conventional													
Cyanide	Grab	A335.2	0	mg/l									
TPH as Diesel	Grab	A418.1	1	mg/l									
TPH as Gas	Grab	A418.1	1	mg/l									
Oil and Grease	Grab	A413.1	1	mg/l									
Total Phenols	Grab	A420.1	0	mg/l									
Indicator Bacteria													
Total Coliform	Grab		20	MPN/100ml									
Fecal Coliform	Grab		20	MPN/100ml									
Fecal Streptococcus	Grab		20	MPN/100ml									
General													
Ammonia	Comp	A350.3	0	mg/l	0.128	0.138	0	0	0.295	0	0	0	0
Calcium	Comp	A215.2	1	mg/l	7.21	34.1	19.2	40.1	5.61	18.4	3.85	56.1	11.2
Magnesium	Comp	C3500MgD	1	mg/l	0.97	6.08	4.86	5.83	0.97	4.38	0.78	14.6	2.14
Potassium	Comp	A258.1	1	mg/l	3.25	4.44	3.56	3.43	2.2	2.01	1.19	5.92	2.37
Sodium	Comp	A273.1	1	mg/l	5.4	19.6	11.3	19.1	2.7	6.8	5.5	30.1	19.2
Bicarbonate	Comp	A310.1	2	mg/l	36.2	110	55.6	49.1	15.5	58.2	12.9	168	27.2
Carbonate	Comp	A310.1	2	mg/l	0	0	0	0	0	0	0	0	0
Chloride	Comp	B429	2	mg/l	4.39	21	9.59	57	2.7	6.53	0	30.8	55.7
Fluoride	Comp	B429	0	mg/l	0.16	0.41	0.26	0.21	0	0.15	0	0.58	0.23
Nitrate	Comp	B429	0	mg/l	7.45	10.2	9.86	10	4.03	5.28	1.84	10	8.62
Sulfate	Comp	B429	0	mg/l	6.89	26.9	17.2	19.4	3.29	11.6	2.51	52.8	23.2
Alkalinity	Comp	A310.1	4	mg/l	36.2	90.1	45.6	40.3	12.7	47.7	10.6	138	22.3
Hardness	Comp	A130.2	2	mg/l	22	110	68	124	18	64	12.8	200	36.8
Dissolved Phosphorus	Comp	A365.2	0	mg/l	0.22	0.23	0.21	0.17	0	0.057	0.059	0.147	0.123
Total Phosphorus	Comp	A365.2	0	mg/l	0.28	0.24	0.24	0.19	0	0.066	0.069	0.157	0.182
COD	Comp	A410.4	5	mg/l	20.1	16.3	42.2	52.8	16.7	11.4	42.4	70	14.61
pH	Comp	A150.1	na		6.95	7.6	7.37	7.37	6.68	7.17	6.55	8.13	6.78
NH3-N	Comp	A350.3	0	mg/l	0.106	0.114	0	0	0.244	0	0	0	0
Nitrate-N	Comp	C4110B	0	mg/l	1.68	2.3	2.23	2.26	0.94	1.19	0.415	2.26	1.95
Nitrite-N	Comp	C4110B	0	mg/l	0.097	0.11	0.128	0.14	0.082	0.061	0.04	0.082	0
Kjeldahl-N	Comp	A351.4	0	mg/l	2.86	1.72	1.15	2.5	0.898	1.28	0.684	2.02	0.79
Specific Conductance	Comp	A120.1	1	umhos/cm	110	338	188	400	60	164	43	532	113
Total Dissolved Solids	Comp	A160.1	2	mg/l	70	218	118	260	34	92	24	328	64
Turbidity	Comp	A180.1	0	NTU	19.2	20.2	8.8	5.98	9.09	86.7	5.46	12.8	14.8
Suspended Solids	Comp	A160.2	2	mg/l	43	25	15	15	11	198	13	23	19
Volatile Suspended Solids	Comp	160.4	1	mg/l	20	18	10	9	8	30	6	6	11
MBAS	Comp	A425.1	0	mg/l	0.078	0.138	0.054	0	0.074	0	0	0.052	0.05
Total Organic Carbon	Comp	A415.1	1	mg/l	6.6	7.5	8.7	6.6	4.2	6.1	3.8	7.7	3
BOD	Comp	A405.1	2	mg/l	7.02	12.42	13.4	6	6	4	3	4	2
Metals													
Dissolved Aluminum	Comp	A202.2	1000	mg/l	0	401	0	0	0	137	0	0	0
Total Aluminum	Comp	A202.2	1000	mg/l	182	624	115	118	108	429	0	233	248
Dissolved Antimony	Comp	A204.2	5	mg/l	0	0	0	0	0	0	0	0	0
Total Antimony	Comp	A204.2	5	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Arsenic	Comp	A206.2	5	mg/l	0	0	0	0	0	0	0	0	0
Total Arsenic	Comp	A206.2	5	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Barium	Comp	A208.2	10	mg/l	0	41.7	24.3	53.2	0	10.2	0	77.5	13.8
Total Barium	Comp	A208.2	10	mg/l	26.5	46.8	26.5	69.8	0	18.7	0	77.5	49.9
Dissolved Beryllium	Comp	A210.2	1	mg/l	0	0	0	0	0	0	0	0	0
Total Beryllium	Comp	A210.2	1	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Boron	Comp	A212.3	100	mg/l	0	132	100	105	0	0	0	0	0
Total Boron	Comp	A212.3	100	mg/l	0	138	159	159	106	0	0	0	0
Dissolved Cadmium	Comp	A213.2	1	mg/l	0	0	0	0	0	0	0	0	0
Total Cadmium	Comp	A213.2	1	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Chromium	Comp	A218.2	5	mg/l	0	0	0	0	0	0	0	0	0
Total Chromium	Comp	A218.2	5	mg/l	0	0	0	0	0	0	0	0	0

Table C-11. Summary of Results for the 1999-2000 Routine Monitoring at Project 404

STATION NO.	S26	S26	S26	S26	S26	S26	S26	S26	S26	S26	S26	S26	S26
STATION NAME	Project 404	Project 404	Project 404	Project 404	Project 404	Project 404	Project 404	Project 404	Project 404	Project 404	Project 404	Project 404	Project 404
STORM NO.	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	9900-12	9900-12
DATE	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00	3/8/00	3/8/00
	Sample Type	EPA Method	DL	Units									
Metals (cont.)													
Dissolved Chromium +6	Comp		10	mg/l		0	0	0	0	0	0	0	0
Total Chromium +6	Comp		10	mg/l		0	0	0	0	0	0	0	0
Dissolved Copper	Comp	A220.1	5	mg/l	11	9.8	8	0	0	0	0	0	0
Total Copper	Comp	A220.1	5	mg/l	15.1	13.7	13.2	10	8.6	7.3	5.4	15.6	6.2
Dissolved Iron	Comp	A236.1	100	mg/l	170	130	0	0	0	0	100	0	0
Total Iron	Comp	A236.1	100	mg/l	350	540	0	0	0	0	130	300	100
Dissolved Lead	Comp	A239.2	5	mg/l	0	0	0	0	0	0	0	0	0
Total Lead	Comp	A239.2	5	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Manganese	Comp	A243.1	100	mg/l	0	0	0	0	0	0	0	0	0
Total Manganese	Comp	A243.1	100	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Mercury	Comp	A245.1	1	mg/l	0	0	0	0	0	0	0	0	0
Total Mercury	Comp	A245.1	1	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Nickel	Comp	A249.2	5	mg/l	0	0	0	0	0	0	0	0	0
Nickel	Comp	A249.2	5	mg/l	0	0	19.3	0	0	0	0	0	0
Total Selenium	Comp	A270.2	5	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Silver	Comp	A272.2	1	mg/l	0	0	0	0	0	0	0	0	0
Total Silver	Comp	A272.2	1	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Thallium	Comp	A279.2	5	mg/l	0	0	0	0	0	0	0	0	0
Total Thallium	Comp	A279.2	5	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Zinc	Comp	A289.1	50	mg/l	113	59	72	62	0	0	0	0	0
Total Zinc	Comp	A289.1	50	mg/l	138	89	96	84	62	0	0	73	59
Semi-Volatiles Organics													
Bis(2-ethylhexyl)phthalate	Comp	625M	3	mg/l		1	2.3		7.7	11.5	17.7	2.3	
All other SVOCs	Comp	625M	0.5 - 5.0	mg/l		0	0		0	0	0	0	
Pesticides													
Diazinon	Comp	8141SOP	0	mg/l	0	0	0	0	0	0	0	0	0
Chlorpyrifos	Comp	8141SOP	0	mg/l	0	0	0	0	0	0	0	0	0
Carbofuran	Comp	531.1	5	mg/l	0	0	0	0	0	0	0	0	0
2,4-D	Comp	515.1	10	mg/l	0	0	0	0	0	0	0	0	0
2,4,5-TP	Comp	515.1	1	mg/l	0	0	0	0	0	0	0	0	0
Bentazon	Comp	515.1	2	mg/l	0	0	0	0	0	0	0	0	0
Glyphosate	Comp	547	25	mg/l	0	0	0	0	0	0	0	0	0

Note:

- 1). blank cell indicates sample was not analyzed
- 2). 0 indicated level below detection limit

Table C-12. Summary of Results for the 1999-2000 Routine Monitoring at Project 156

STATION NO.	S27	S27	S27	S27	S27	S27	S27	S27	S27	S27	S27	S27	S27		
STATION NAME	Project 156	Project 156	Project 156	Project 156	Project 156	Project 156	Project 156	Project 156	Project 156	Project 156	Project 156	Project 156	Project 156		
STORM NO.	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	9900-12	9900-12		
DATE	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00	3/8/00	3/8/00		
	Sample Type	EPA Method	DL	Units											
Conventional															
Cyanide	Grab	A335.2	0	mg/l											
TPH as Diesel	Grab	A418.1	1	mg/l											
TPH as Gas	Grab	A418.1	1	mg/l											
Oil and Grease	Grab	A413.1	1	mg/l											
Total Phenols	Grab	A420.1	0	mg/l											
Indicator Bacteria															
Total Coliform	Grab		20	MPN/100ml											
Fecal Coliform	Grab		20	MPN/100ml											
Fecal Streptococcus	Grab		20	MPN/100ml											
General															
Ammonia	Comp	A350.3	0	mg/l	3.23	2.78	0.357		0.835	0.177	0.495	0	0	0.387	0
Calcium	Comp	A215.2	1	mg/l	27.3	15.23	8.82	8.02	7.05	4	5.61	4.01	3.85	4.81	4.01
Magnesium	Comp	C3500MgD	1	mg/l	4.86	3.89	2.43	2.92	2.53	0.49	1.46	0.97	0.58	0.78	1.46
Potassium	Comp	A258.1	1	mg/l	12.4	6.56	2.36	2.72	2.14	1.22	1.48	0	0	1.67	0
Sodium	Comp	A273.1	1	mg/l	38	9.8	6.1	7.5	5.1	2.4	4.3	0	5.3	0	2.8
Bicarbonate	Comp	A310.1	2	mg/l	84.1	58.2	25.9	25.9	25.9	10.3	16.8	12.9	9.05	12.9	12.9
Carbonate	Comp	A310.1	2	mg/l	0	0	0	0	0	0	0	0	0	0	0
Chloride	Comp	B429	2	mg/l	17	8.35	4.26	4.31	3.33	0	3.1	2.65	0	2.26	3.45
Fluoride	Comp	B429	0	mg/l	0.4	0.43	0.18	0.22	0.14	0	0	0	0	0	0
Nitrate	Comp	B429	0	mg/l	5.77	9.14	4.21	5.03	3.69	2.18	2.88	1.76	158	4.35	1.67
Sulfate	Comp	B429	0	mg/l	36.3	20.6	10.8	9.1	7.43	3.8	7.05	4.61	3.54	5.13	4.29
Alkalinity	Comp	A310.1	4	mg/l	68.9	47.7	25.9	21.2	21.2	8.48	13.9	10.6	7.42	10.6	10.6
Hardness	Comp	A130.2	2	mg/l	88	54	32	32	28	12	20	14	12	15.2	16
Dissolved Phosphorus	Comp	A365.2	0	mg/l	0.439	0.473	0.28		0.21	0.14	0	0.096	0.061	0.116	0.126
Total Phosphorus	Comp	A365.2	0	mg/l	0.54	1.19	0.31		0.24	0.16	0.076	0.101	0.073	0.131	0.129
COD	Comp	A410.4	5	mg/l	295.7	90.6	14.9	16.6	24	33.7	17.4	0	30.9	76.1	0
pH	Comp	A150.1	na		7.28	6.66	6.83	7	6.73	6.58	6.58	6.36	6.4	6.72	6.44
NH3-N	Comp	A350.3	0	mg/l	2.67	2.3	0.295		0.69	0.146	0.409	0	0	0.32	0
Nitrate-N	Comp	C4110B	0	mg/l	1.3	2.06	0.95	1.14	0.833	0.492	0.65	0.397	0.357	0.98	0.377
Nitrite-N	Comp	C4110B	0	mg/l	0.96	0.371	0.07	0.13	0.131	0.046	0.1	0.04	0.043	0.079	0.04
Kjeldahl-N	Comp	A351.4	0	mg/l	7.22	10.6	2.4		2.02	1.61	0.878	1.23	0.664	1.57	0.81
Specific Conductance	Comp	A120.1	1	umhos/cm	304	192	98	104	87	48.7	68.3	57.8	40.6	57.6	54
Total Dissolved Solids	Comp	A160.1	2	mg/l	214	124	58	68	56	28	38	32	24	32	34
Turbidity	Comp	A180.1	0	NTU	20.2	91.4	18.5	24.2	30.2	17.2	19	18.5	7.13	19.1	5.24
Suspended Solids	Comp	A160.2	2	mg/l	41	360	61		124	81	39	30	25	39	25
Volatile Suspended Solids	Comp	160.4	1	mg/l	25	260	29		68	50	33	12	11	14	12
MBAS	Comp	A425.1	0	mg/l	0.802		0.132		0.056	0.057	0.091	0.075	0.056	0.076	0.075
Total Organic Carbon	Comp	A415.1	1	mg/l	32.22	26.2	6	9.4	8.3	3.8	4.8	4.7	4.2	6.5	5.2
BOD	Comp	A405.1	2	mg/l	87.1	38.07	7.67	12.36	11.5	6.2	5	3	3	5	4
Metals															
Dissolved Aluminum	Comp	A202.2	1000	mg/l	322	102	0	0	0	0	116	0	0	0	0
Total Aluminum	Comp	A202.2	1000	mg/l	857	190	116	271	182	152	116	103	0	146	0
Dissolved Antimony	Comp	A204.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0
Total Antimony	Comp	A204.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0
Dissolved Arsenic	Comp	A206.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	Comp	A206.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0
Dissolved Barium	Comp	A208.2	10	mg/l	49.2	46.7	0	10.6	15.8	14.7	0	0	0	20.9	0
Total Barium	Comp	A208.2	10	mg/l	74.9	56.6	0	14.8	26	21	14.5	0	0	23.5	0
Dissolved Beryllium	Comp	A210.2	1	mg/l	0	0	0	0	0	0	0	0	0	0	0
Total Beryllium	Comp	A210.2	1	mg/l	0	0	0	0	0	0	0	0	0	0	0
Dissolved Boron	Comp	A212.3	100	mg/l	213	0	0	0	0	0	128	0	0	0	0
Total Boron	Comp	A212.3	100	mg/l	255	0	0	0	0	0	128	0	0	0	0
Dissolved Cadmium	Comp	A213.2	1	mg/l	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	Comp	A213.2	1	mg/l	0	0	0	0	0	0	0	0	0	0	0
Dissolved Chromium	Comp	A218.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	Comp	A218.2	5	mg/l	0	0	0	0	0	0	0	0	0	0	0

Table C-12. Summary of Results for the 1999-2000 Routine Monitoring at Project 156

STATION NO.	S27	S27	S27	S27	S27	S27	S27	S27	S27	S27	S27	S27	S27
STATION NAME	Project 156	Project 156	Project 156	Project 156	Project 156	Project 156	Project 156	Project 156	Project 156	Project 156	Project 156	Project 156	Project 156
STORM NO.	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-10	9900-11	9900-12	9900-12
DATE	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	2/27/00	3/5/00	3/8/00	3/8/00
	Sample Type	EPA Method	DL	Units									
Metals (cont.)													
Dissolved Chromium +6	Comp		10	mg/l	0	0	0	0	0	0	0	0	0
Total Chromium +6	Comp		10	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Copper	Comp	A220.1	5	mg/l	50.4	24.7	10	12.4	12.2	0	0	0	0
Total Copper	Comp	A220.1	5	mg/l	62.2	24.7	14.6	15.3	12.9	7.1	6.8	6.7	0
Dissolved Iron	Comp	A236.1	100	mg/l	480	320	0	0	0	0	0	0	111
Total Iron	Comp	A236.1	100	mg/l	950	480	250	470	0	0	0	0	170
Dissolved Lead	Comp	A239.2	5	mg/l	0	0	0	0	0	0	0	0	0
Total Lead	Comp	A239.2	5	mg/l	12.8	0	0	0	0	0	0	0	0
Dissolved Manganese	Comp	A243.1	100	mg/l	130	120	0	0	0	0	0	0	0
Total Manganese	Comp	A243.1	100	mg/l	150	120	0	0	0	0	0	0	0
Dissolved Mercury	Comp	A245.1	1	mg/l	0	0	0	0	0	0	0	0	0
Total Mercury	Comp	A245.1	1	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Nickel	Comp	A249.2	5	mg/l	17.9	0	0	0	0	0	0	0	0
Nickel	Comp	A249.2	5	mg/l	24.1	0	0	0	0	0	0	0	0
Total Selenium	Comp	A270.2	5	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Silver	Comp	A272.2	1	mg/l	0	0	0	0	0	0	0	0	0
Total Silver	Comp	A272.2	1	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Thallium	Comp	A279.2	5	mg/l	0	0	0	0	0	0	0	0	0
Total Thallium	Comp	A279.2	5	mg/l	0	0	0	0	0	0	0	0	0
Dissolved Zinc	Comp	A289.1	50	mg/l	710	203	103	93	89	59	76	0	67
Total Zinc	Comp	A289.1	50	mg/l	730	226	125	127	99	69	83	82	86
Semi-Volatiles Organics													
Bis(2-ethylhexyl)phthalate	Comp	625M	3	mg/l	262				14.4		27.6	75.9	26.2
All other SVOCs	Comp	625M	0.5 - 5.0	mg/l	0				0		0	0	0
Pesticides													
Diazinon	Comp	8141SOP	0	mg/l	0	0	0	0	0	0	0	0	0.05
Chlorpyrifos	Comp	8141SOP	0	mg/l	0	0	0	0	0	0	0	0	0
Carbofuran	Comp	531.1	5	mg/l	0	0	0	0	0	0	0	0	0
2,4-D	Comp	515.1	10	mg/l	0	0	0	0	0	0	0	0	0
2,4,5-TP	Comp	515.1	1	mg/l	0	0	0	0	0	0	0	0	0
Bentazon	Comp	515.1	2	mg/l	0	0	0	0	0	0	0	0	0
Glyphosate	Comp	547	25	mg/l	0	0	0	0	0	0	0	0	0

Note:

- 1). blank cell indicates sample was not analyzed
- 2). 0 indicated level below detection limit

Table C-13. Data Summary for Auto Dismantlers for 1999-2000

Control Sites				SITE No.	C01	C01	C01	C01	C01	C01	C01	C01	C01	C02	C02	C02	C02	C02	C02	C02	C02	C02	C02	C02	C02	C02	C02	C02	C02	C03	C03	C03	C03	C03	C03	C03	C03	C03	C03	C03				
				Date	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00
				Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	
				Event ID (YR-#)	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08
Parameter	EPA Method	PQL	Units																																									
COD	A410.4	5	mg/l																																									
pH	A150.1	0-14		6.22	6.16	6.31	5.98	6.67		6.16	6.32	6.22	6.01	6.1	6.02	6.34		6.29	6.47	6.21	6.01	6.22	6.08	6.54															6.19	6.53				
Specific Conductance	A120.1	1.0	umhos/cm	144	131	217	105	111		68.8	63.4	237	177	180	156	135		92.1	87.4	292	324	194	172	179																				
Total Dissolved Solids	A160.1	2.0	mg/l																																									
Suspended Solids	A160.2	2.0	mg/l																																									
MBAS	A425.1	0.05	mg/l																																									
Total Organic Carbon	A415.1	1.0	mg/l																																									
Oil and Grease	A413.1	1	mg/l	5.7	23.2	1.3	2	0	11.2	10.8	3.7	0	2.9	2.9	6.5	1.7	23	4.1	4.9	12.2	9.9	1.1	2.1	4.8	6.3	3.9	0																	
TPH as Gasoline	G-DHS	0.5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0.03	0	0	0.25	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TPH as Diesel	G-DHS	0.5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bis(2-ethylhexyl)phthalate	625	3.0	ug/l	80.4	48.9	10.3	7.1	68.5	201.4	61.1	15.3	17.5	19.5	11.3	60.7	54.5	39.4	30.9	15.2	32.6	47.8	18.3	5.6	8.2	17	34.1	27																	
Fluoranthene	625	1.0	ug/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4-Methylphenol	625	3.0	ug/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All other SVOCs	625	0.5-5.0	ug/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE: 1). blank cell indicates sample was not analyzed 2). 0 indicated level below detection limit

Test Sites				SITE No.	T01	T01	T01	T01	T01	T01	T01	T01	T01	T02	T02	T02	T02	T02	T02	T02	T02	T02	T02	T02	T02	T02	T02	T02	T03	T03	T03	T03	T03	T03	T03	T03	T03	T03	T03	T03	T03	T03				
				Date	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00		
				Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab		
				Event ID(YR-#)	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08		
Parameter	EPA Method	PQL	Units																																											
COD	A410.4	5	mg/l																																											
pH	A150.1	0-14		6.75	6.45	6.21	6.12	6.48		6.32	6.52	6.13		6.39	5.88	6.45		6.31	6.36	6.35	6.24	6.37	6.54	6.47																			6.47	6.13		
Specific Conductance	A120.1	1.0	umhos/cm	356	263	207	185	193		86.8	80.2	163		141	128	137		77.6	74.2	130	124	135	238	138																						
Total Dissolved Solids	A160.1	2.0	mg/l																																											
Suspended Solids	A160.2	2.0	mg/l																																											
MBAS	A425.1	0.05	mg/l																																											
Total Organic Carbon	A415.1	1.0	mg/l																																											
Oil and Grease	A413.1	1	mg/l	3.9	19.3	4.1	2.5	0	5	5.7	3.6	3.1	23.5	1.4	6.2	0	3.8	15	2.9	7.3	19.9	5.3	7.4	1.6	6.4	13.4	5.6																			
TPH as Gasoline	G-DHS	0.5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TPH as Diesel	G-DHS	0.5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bis(2-ethylhexyl)phthalate	625	3.0	ug/l	5.5	18.4	5.6	0	5.6	6.5	3.8	21.3	10.7		7.5	4	14.8	41.2	57.4	29.3	33.5	11.4	5.4	3.5	325.4	16.5	102.1																				
Fluoranthene	625	1.0	ug/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4-Methylphenol	625	3.0	ug/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
All other SVOCs	625	0.5-5.0	ug/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

NOTE: 1). blank cell indicates sample was not analyzed 2). 0 indicated level below detection limit

Table C-14. Data Summary for Auto Repair Companies for 1999-2000

Control Sites	SITE No.	C04	C04	C04	C04	C04	C04	C04	C04	C04	C05	C05	C05	C05	C05	C05	C05	C05	C06	C06	C06	C06	C06	C06	C06	C06	
	Date	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/20/00	
	Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
	Event ID (YR-#)	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-08	
Parameter	EPA Method	PQL	Units																								
COD	A410.4	5	mg/l																								
pH	A150.1	0-14		6.59	6.65	6.04	6.39	6.06	7.86	6.2	6.21	5.43	6.07	5.46	5.63	6.65	6.61	5.84	6.33	5.71	6.11						
Specific Conductance	A120.1	1.0	umhos/cm	77.5	64.7	60.5	43.3	40	83.9	75.5	139	52.8	25	12.7	27.1	39.2	22	22.2	47.5	24.8	34.3						
Total Dissolved Solids	A160.1	2.0	mg/l																								
Suspended Solids	A160.2	2.0	mg/l																								
MBAS	A425.1	0.05	mg/l																								
Total Organic Carbon	A415.1	1.0	mg/l																								
Oil and Grease	A413.1	1	mg/l	8.5	1.3	1.8	0	3.2	3.7	4.6	75.1	9.4	2.2	1.6	0	5.4	55.7	8.7	3.3	0	1.3	5	16.5				
TPH as Gasoline	G-DHS	0.5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TPH as Diesel	G-DHS	0.5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bis(2-ethylhexyl)phthalate	625	3.0	ug/l	8.7		0	10.7	52.1	16	9.5	12.6	47.2	4.7	13	24.6	44.8	14.6	60.7	24	3.1	22.3	29.1	10.8	17.4			
Fluoranthene	625	1.0	ug/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4-Methylphenol	625	3.0	ug/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
All other SVOCs	625	0.5-5.0	ug/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

NOTE: 1). blank cell indicates sample was not analyzed 2). 0 indicated level below detection limit

Test Sites	SITE No.	T04	T04	T04	T04	T04	T04	T04	T04	T05	T05	T05	T05	T05	T05	T05	T05	T06	T06	T06	T06	T06	T06	T06	T06	T06	
	Date	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/20/00	
	Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
	Event ID(YR-#)	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-08	
Parameter	EPA Method	PQL	Units																								
COD	A410.4	5	mg/l																								
pH	A150.1	0-14		6.34	6.57	5.81	5.87	5.94	5.73	5.73	6.49	6.42	6.39	6.18	6.04	6.16	5.7	5.74	6.03	6.16	5.6	5.94	5.54	5.62			
Specific Conductance	A120.1	1.0	umhos/cm	89	41	38.7	68.2	51.8	17.3	26	69.1	51	226	66.4	49.4	41.8	37.1	49.4	32.4	57.9	38.1	29.4	16.8	18.9			
Total Dissolved Solids	A160.1	2.0	mg/l																								
Suspended Solids	A160.2	2.0	mg/l																								
MBAS	A425.1	0.05	mg/l																								
Total Organic Carbon	A415.1	1.0	mg/l																								
Oil and Grease	A413.1	1	mg/l	6.5	4.7	21.1	23.5	1.1	5.3	19.4	6.6	6.8	4.7	22.7	10.8	2.4	2.3	22	9.7	6.3	15.3	2.8	9.9	2.4	3.8	25	6
TPH as Gasoline	G-DHS	0.5	mg/l	0	0	0	0	0	0	0	0.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH as Diesel	G-DHS	0.5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bis(2-ethylhexyl)phthalate	625	3.0	ug/l	32.8	8	0	15.4	10	20.8	50.7	10.9	26	71	30.7	42.7	21.4	517	150	42.1	13.5	26	8.9	51.6	4.5	48.6	26.5	
Fluoranthene	625	1.0	ug/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4-Methylphenol	625	3.0	ug/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All other SVOCs	625	0.5-5.0	ug/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE: 1). blank cell indicates sample was not analyzed 2). 0 indicated level below detection limit

Table C-15. Data Summary for Fabricated Metals Company for 1999-2000

Control Sites	SITE No.	C07	C07	C07	C07	C07	C07	C07	C07	C08	C08	C08	C08	C08	C08	C08	C08	C09	C09	C09	C09	C09	C09	C09			
	Date	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00		
	Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab		
	Event ID (YR-#)	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08		
Parameter	EPA Method	PQL	Units																								
COD	A410.4	5	mg/l																								
pH	A150.1	0-14		5.91	5.97	5.85	5.44	5.52	6.12	6.09	6.06	5.74	5.76	5.41	5.95	5.75	5.32	5.26									
Specific Conductance	A120.1	1.0	umhos/cm	32.3	82.6	34.5	14.3	18.1	60.1	121	36.6	30.7	42.1	27.6	58.4	28.9	18	55									
Total Dissolved Solids	A160.1	2.0	mg/l																								
Suspended Solids	A160.2	2.0	mg/l																								
MBAS	A425.1	0.05	mg/l																								
Total Organic Carbon	A415.1	1.0	mg/l																								
Oil and Grease	A413.1	1	mg/l	4.8	25.2	7.2	6.1	3.5	9.2	4.9	1.2	2.3	2.6	0	28.6	0	0	1.7									
TPH as Gasoline	G-DHS	0.5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
TPH as Diesel	G-DHS	0.5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
Bis(2-ethylhexyl)phthalate	625	3.0	ug/l	23.1	9.7	6.5	11.4	6	12.2	4.9	4.6	5	4.8	15.5	5.2	10.2	9.3	13.4									
Fluoranthene	625	1.0	ug/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
4-Methylphenol	625	3.0	ug/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
All other SVOCs	625	0.5-5.0	ug/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									

NOTE: 1). blank cell indicates sample was not analyzed 2). 0 indicated level below detection limit

Test Sites	SITE No.	T07	T07	T07	T07	T07	T07	T07	T07	T08	T08	T08	T08	T08	T08	T08	T08	T09	T09	T09	T09	T09	T09	T09			
	Date	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00		
	Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab		
	Event ID(YR-#)	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08		
Parameter	EPA Method	PQL	Units																								
COD	A410.4	5	mg/l																								
pH	A150.1	0-14		6.05	5.71	6.02	6.69	6.33	5.88	5.9	5.66	5.97	7.11	5.88	6.25	5.56	5.72	5.89	7.27	5.57							
Specific Conductance	A120.1	1.0	umhos/cm	25.9	27.1	24.5	20	24.6	64.1	62.1	36.9	32.7	29.8	24.9	501	31.8	8.1	13.6	19.5	8.8							
Total Dissolved Solids	A160.1	2.0	mg/l																								
Suspended Solids	A160.2	2.0	mg/l																								
MBAS	A425.1	0.05	mg/l																								
Total Organic Carbon	A415.1	1.0	mg/l																								
Oil and Grease	A413.1	1	mg/l	5.1	4.1	4.4	0	3.3	11.4	6.3	7.8	6.4	3.4	1.4	3.6	13.3	18.8	1	1.5	0	0	3.7	6.4				
TPH as Gasoline	G-DHS	0.5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
TPH as Diesel	G-DHS	0.5	mg/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Bis(2-ethylhexyl)phthalate	625	3.0	ug/l	8.2	0	8.2	4.4	7.4	7.8	7.4	8.3	14.6	13	10.2	159	17.9	26.6	4	10.3	4.6	4.2	84.6	8.5				
Fluoranthene	625	1.0	ug/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
4-Methylphenol	625	3.0	ug/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
All other SVOCs	625	0.5-5.0	ug/l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				

NOTE: 1). blank cell indicates sample was not analyzed 2). 0 indicated level below detection limit

Table C-16. Data Summary for Motor Freight Companies for 1999-2000

Test Sites (cont'd)	SITE No.	T12A	T12A	T12A	T12A	T12A	T12A	T12A	T12A	T12B	T12B	T12B	T12B	T12B	T12B	T12B	T12B	T12C	T12C	T12C	T12C	T12C	T12C	T12C	T12C					
	Date	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	11/8/99	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00					
	Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab					
	Event ID(YR-#)	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-01	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08					
Parameter	EPA Method	PQL	Units																											
COD	A410.4	5	mg/l																											
pH	A150.1	0-14		5.85	5.51	5.54	6.38					6.52	6.29	5.41	6					6.18	6.43	5.7	6.06							
Specific Conductance	A120.1	1.0	umhos/cm	155	27.4	45.7	43					162	40.6	39	31.3					68.7	68	39.9	29.2							
Total Dissolved Solids	A160.1	2.0	mg/l																											
Suspended Solids	A160.2	2.0	mg/l																											
MBAS	A425.1	0.05	mg/l																											
Total Organic Carbon	A415.1	1.0	mg/l																											
Oil and Grease	A413.1	1	mg/l	3.8	2.1	0	2.5	6.1					3.8	19	2.8	6.3	9.4					10	14.4	0	4.8	7.6				
TPH as Gasoline	G-DHS	0.5	mg/l	0	0	0	0	0					0	0	0	0	0					0	0	0	0	0				
TPH as Diesel	G-DHS	0.5	mg/l	0	0	0	0	0					0	0	0	0	0					0	0	0	0	0				
Bis(2-ethylhexyl)phthalate	625	3.0	ug/l	8.6	15.7	8.3	13.3	6.1					9.4	17	0	8.6	32.9					6.5	7	3.4	14.3	9.1				
Fluoranthene	625	1.0	ug/l	0	0	0	0	0					0	0	0	0	0					0	0	0	0	0				
4-Methylphenol	625	3.0	ug/l	0	0	0	0	0					0	0	0	0	0					0	0	0	0	0				
All other SVOCs	625	0.5-5.0	ug/l	0	0	0	0	0					0	0	0	0	0					0	0	0	0	0				

NOTE: 1). blank cell indicates sample was not analyzed 2). 0 indicated level below detection limit

Table C-18. Data Summary for Auto Dismantler Composites for 1999-2000

Parameter	EPA Method	PQL	Units	SITE No.	C96	C96	C96	C96	C96	C96	C96	C96	C96	T96	T96	T96	T96	T96	T96	T96	
				Date	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	
				Sample Type	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp
				Event ID(YR-#)	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	
				Composites of Control Sites C1, C2, C3									Composites of Test Sites T1, T2, T3								
COD	A410.4	5	mg/l		86.8	58.1	49.1	109	21.47	14.16	84.1		163.5	41.1	28.8	112.6	0		83.3		
pH	A150.1	0-14			6.72	6.5	6.63	6.26	6.63	6.47	6.43		6.55	6.6	6.56	6.3	6.51		6.3		
Specific Conductance	A120.1	1.0	umhos/cm		196	126	94.1	127	80.6	98.9	230		192	129	92.2	95.1	79.5		132		
Total Dissolved Solids	A160.1	2.0	mg/l		134	80	54	72	56	55	160		116	78	52	54	44		82		
Suspended Solids	A160.2	2.0	mg/l		80	50	25	42	15	22	173		52	87	61	24	25		97		
MBAS	A425.1	0.05	mg/l		0.234	0.11	0.133	0.169	0.082	0.091	0.228		0.117	0.067	0.073	0.085	0.092		0.136		
Total Organic Carbon	A415.1	1.0	mg/l		18	14.6	11.9	21.6	12.3	13.4	19.39		13.9	17.8	10.4	9.8	11.3		12.43		
Oil and Grease	A413.1	1	mg/l																		
TPH as Gasoline	G-DHS	0.5	mg/l																		
TPH as Diesel	G-DHS	0.5	mg/l																		
Dissolved Aluminum	A202.2	1000	ug/l		0	103	155	0	0	139	0		0	0	0	0	0		0		
Total Aluminum	A202.2	1000	ug/l		457	349	252	170	158	144	249		130	0	142	0	0		268		
Dissolved Cadmium	A213.2	1	ug/l		1.2	0	0	0	0	0	0		1.5	0	0	0	0		2.33		
Total Cadmium	A213.2	1	ug/l		1.6	0	1.64	1.83	1.15	0	3.61		1.6	1.14	1.17	0	1.61		4.27		
Dissolved Chromium	A218.2	5	ug/l		0	0	0	0	0	0	0		0	0	0	0	0		0		
Total Chromium	A218.2	5	ug/l		0	0	0	0	0	0	0		0	0	10.4	0	0		0		
Dissolved Copper	A220.1	5	ug/l		29.5	23.1	14.2	35.1	11.8	8.8	46.6		26	10.7	10.4	18	10.1		31		
Total Copper	A220.1	5	ug/l		39.3	30.9	22.8	39.3	12	15.9	71.4		32.5	22.1	15.3	19.2	10.5		51.5		
Dissolved Iron	A236.1	100	ug/l		0	0	240	0	270	0	150		0	0	0	0	230		220		
Total Iron	A236.1	100	ug/l		0	170	650	330	660	360	500		220	0	200	0	350		420		
Dissolved Lead	A239.2	5	ug/l		0	0	0	0	0	0	10.7		0	0	0	0	0		13		
Total Lead	A239.2	5	ug/l		15.1	7.5	7.37	9.72	6.91	5.2	16.7		8.6	0	5.05	0	6.67		13.1		
Dissolved Nickel	A249.2	5	ug/l		17.3	9.29	13.9	14.7	6.44	7.05	21.4		13.3	0	7.03	7.45	6.66		14		
Nickel	A249.2	5	ug/l		17.3	11.9	14.4	14.7	8.99	7.35	23.4		14	8.67	7.03	13.4	9.18		16.9		
Dissolved Zinc	A289.1	50	ug/l		192	130	113	162	74	126	390		235	136	115	169	266		446		
Total Zinc	A289.1	50	ug/l		254	211	177	192	153	132	421		270	234	177	203	291		513		

NOTE:
1). blank cell indicates sample was not analyzed
2). 0 indicated level below detection limit

Table C-19. Data Summary for Auto Repair Companies Composites for 1999-2000

Parameter	EPA			Composites of Control Sites C4, C5, C6								Composites of Test Sites T4, T5, T6							
	Method	PQL	Units	C97 12/31/99 Comp	C97 1/25/00 Comp	C97 1/30/00 Comp	C97 2/10/00 Comp	C97 2/12/00 Comp	C97 2/16/00 Comp	C97 2/20/00 Comp	C97 2/23/00 Comp	T97 12/31/99 Comp	T97 1/25/00 Comp	T97 1/30/00 Comp	T97 2/10/00 Comp	T97 2/12/00 Comp	T97 2/16/00 Comp	T97 2/20/00 Comp	T97 2/23/00 Comp
COD	A410.4	5	mg/l		18.9	33.9	62.4	0			45.4	91	44.7	45.8	72.3	0	0		422.4
pH	A150.1	0-14			6.41	6.47	6.1	6.31			5.8	6.93	6.67	6.3	5.86	5.99	5.82		3.92
Specific Conductance	A120.1	1.0	umhos/cm		53.3	38	78.2	37.2			113	138	94.5	50.4	55.7	27.4	53.5		136
Total Dissolved Solids	A160.1	2.0	mg/l		30	22	44	22			78	86	58	28	32	18	30		94
Suspended Solids	A160.2	2.0	mg/l		99	48	45	11			105	86	468	72	29	51	192		110
MBAS	A425.1	0.05	mg/l		0.066	0.076	0.167	0		0.228		0.148	0.114	0.093	0.162	0.078	0.166		0.199
Total Organic Carbon	A415.1	1.0	mg/l		4.2	3.8	11.7	4.3		15.56		11	10.8	13	9.1	6.4	23.2		74.64
Oil and Grease	A413.1	1	mg/l																
TPH as Gasoline	G-DHS	0.5	mg/l																
TPH as Diesel	G-DHS	0.5	mg/l																
Dissolved Aluminum	A202.2	1000	ug/l		0	277	0	0		0		0	0	0	0	0	0		0
Total Aluminum	A202.2	1000	ug/l		0	381	0	0		155		132	0	0	0	0	0		0
Dissolved Cadmium	A213.2	1	ug/l		0	0	0	0		1.14		0	0	0	0	0	0		0
Total Cadmium	A213.2	1	ug/l		0	0	0	0		2.23		0	0	0	0	0	0		2.26
Dissolved Chromium	A218.2	5	ug/l		0	0	0	0		0		0	0	0	0	0	0		0
Total Chromium	A218.2	5	ug/l		0	0	0	0		0		0	0	0	0	0	0		0
Dissolved Copper	A220.1	5	ug/l		5.1	0	17.3	0		30.4		41.7	30.7	19.8	22	9.4	9.7		115
Total Copper	A220.1	5	ug/l		11.6	11.2	18.6	0		37.1		50.2	42.6	28.4	26.8	10.6	17.5		124
Dissolved Iron	A236.1	100	ug/l		0	270	0	110		120		0	0	0	0	170	0		270
Total Iron	A236.1	100	ug/l		0	330	0	250		340		260	0	0	0	300	410		450
Dissolved Lead	A239.2	5	ug/l		0	0	0	0		6.4		43	44.5	53.8	14.6	17.8	25.9		129
Total Lead	A239.2	5	ug/l		0	0	0	0		8.4		145	60	74	31.3	29.9	37.7		149
Dissolved Nickel	A249.2	5	ug/l		0	0	0	0		14.4		0	0	0	0	0	0		11
Nickel	A249.2	5	ug/l		0	0	9.67	6.02		18.4		6.8	0	29.2	0	0	0		22.2
Dissolved Zinc	A289.1	50	ug/l		56	0	82	0		231		143	261	136	229	110	314		352
Total Zinc	A289.1	50	ug/l		95	66	102	0		279		173	363	195	256	133	318		402

NOTE:
 1). blank cell indicates sample was not analyzed
 2). 0 indicated level below detection limit

Table C-20. Data Summary for Fabricated Metals Companies Composites for 1999-2000

Parameter	EPA Method	PQL	Units	SITE No.	C98	C98	C98	C98	C98	C98	C98	C98	T98	T98	T98	T98	T98	T98	T98		
				Date	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	12/31/99	1/25/00	1/30/00	2/10/00	2/12/00	2/16/00	2/20/00	2/23/00	
				Sample Type	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp		
				Event ID(YR-#)	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	9900-02	9900-03	9900-04	9900-05	9900-06	9900-07	9900-08	9900-09	
				Composites of Control Sites C7, C8, C9									Composites of Test Sites T7, T8, T9								
COD	A410.4	5	mg/l			124		41.6		0		166.9		59.4	15.7	48.4	75.2	0		50.4	
pH	A150.1	0-14				6.03		6.17		6.01		5.92		5.82	6.18	6.18	5.99	5.96		5.58	
Specific Conductance	A120.1	1.0	umhos/cm			90.5		35.8		30.1		156		39.4	29.7	36.9	44.1	20.4		50.1	
Total Dissolved Solids	A160.1	2.0	mg/l			56		20		18		106		22	18	22	26	12		34	
Suspended Solids	A160.2	2.0	mg/l			176		72		30		76		110	57	190	29	107		90	
MBAS	A425.1	0.05	mg/l			0.362		0.137		0.11		0.434		0.055	0	0	0.08	0.058		0.115	
Total Organic Carbon	A415.1	1.0	mg/l			28.7		6.4		5.7		42.44		6.3	3.9	3.1	6	4.3		7.3	
Oil and Grease	A413.1	1	mg/l																		
TPH as Gasoline	G-DHS	0.5	mg/l																		
TPH as Diesel	G-DHS	0.5	mg/l																		
Dissolved Aluminum	A202.2	1000	ug/l			187		121		0		122		1310	101	2130	0	157		0	
Total Aluminum	A202.2	1000	ug/l			650		132		107		224		1310	107	2130	0	157		265	
Dissolved Cadmium	A213.2	1	ug/l			0		0		0		3.47		0	0	0	0	0		0	
Total Cadmium	A213.2	1	ug/l			0		0		0		5.78		0	0	0	0	0		1.24	
Dissolved Chromium	A218.2	5	ug/l			0		0		0		0		0	0	0	0	0		0	
Total Chromium	A218.2	5	ug/l			8.9		0		0		0		0	0	0	0	0		0	
Dissolved Copper	A220.1	5	ug/l			125		68		32.8		1090		18	17.3	112.5	26.2	23.2		53.6	
Total Copper	A220.1	5	ug/l			330		105		34.9		1150		39.5	23.7	21.8	32.5	27.8		90.6	
Dissolved Iron	A236.1	100	ug/l			560		150		210		300		0	120	1200	0	440		570	
Total Iron	A236.1	100	ug/l			1070		240		390		580		0	310	1400	0	610		870	
Dissolved Lead	A239.2	5	ug/l			53		31.4		7.54		152		35.6	0	126	0	0		17.3	
Total Lead	A239.2	5	ug/l			258		58.5		14.8		159		87.5	5.6	179	5.05	7.54		19	
Dissolved Nickel	A249.2	5	ug/l			19.6		16.7		7.74		32.1		0	0	0	0	0		0	
Nickel	A249.2	5	ug/l			21.5		18.6		12.5		33.5		0	0	0	0	0		5.05	
Dissolved Zinc	A289.1	50	ug/l			179		89		73		761		201	139	218	497	158		395	
Total Zinc	A289.1	50	ug/l			252		150		92		780		284	182	313	510	163		408	

NOTE:
1). blank cell indicates sample was not analyzed
2). 0 indicated level below detection limit

Table C-21. Data Summary for Motor Freight Companies Composites for 1999-2000

Parameter	EPA			Composites of Control Sites C10, C11, C12					Composites of Test Sites T10, T11A, T11B, T12A, T12B, T12C										
	Method	PQL	Units	C99A 12/31/99 Comp	C99A 1/25/00 Comp	C99A 1/30/00 Comp	C99A 2/10/00 Comp	C99A 2/12/00 Comp	C99A 2/16/00 Comp	C99A 2/20/00 Comp	C99A 2/23/00 Comp	T99A 12/31/99 Comp	T99A 1/25/00 Comp	T99A 1/30/00 Comp	T99A 2/10/00 Comp	T99A 2/12/00 Comp	T99A 2/16/00 Comp	T99A 2/20/00 Comp	T99A 2/23/00 Comp
COD	A410.4	5	mg/l				26.4					34.8		14.3	69.3	105.4			
pH	A150.1	0-14					6.35				6.31	6.47		6.45	6.23	6.2			
Specific Conductance	A120.1	1.0	umhos/cm				42.7				49.3	61		51.4	25.6	75.8			
Total Dissolved Solids	A160.1	2.0	mg/l				24				28	38		30	16	42			
Suspended Solids	A160.2	2.0	mg/l				44				33	197		24	101	54			
MBAS	A425.1	0.05	mg/l				0.085				0.082	0.16		0.081	0.191	0.361			
Total Organic Carbon	A415.1	1.0	mg/l				3.3				4.5	5.2		3.8	2.8	10.6			
Oil and Grease	A413.1	1	mg/l																
TPH as Gasoline	G-DHS	0.5	mg/l																
TPH as Diesel	G-DHS	0.5	mg/l																
Dissolved Aluminum	A202.2	1000	ug/l				195				0	281		0	0	0			
Total Aluminum	A202.2	1000	ug/l				270				127	281		0	145	130			
Dissolved Cadmium	A213.2	1	ug/l				0				0	0		0	0	0			
Total Cadmium	A213.2	1	ug/l				0				0	0		0	0	0			
Dissolved Chromium	A218.2	5	ug/l				0				0	0		0	0	0			
Total Chromium	A218.2	5	ug/l				0				0	0		0	0	0			
Dissolved Copper	A220.1	5	ug/l				5.2				0	0		0	0	13.3			
Total Copper	A220.1	5	ug/l				8.7				0	14		9	7.1	13.8			
Dissolved Iron	A236.1	100	ug/l				240				210	0		0	0	0			
Total Iron	A236.1	100	ug/l				2650				380	530		0	0	0			
Dissolved Lead	A239.2	5	ug/l				0				0	0		0	0	0			
Total Lead	A239.2	5	ug/l				0				0	0		0	0	0			
Dissolved Nickel	A249.2	5	ug/l				0				0	0		0	0	0			
Nickel	A249.2	5	ug/l				0				0	0		0	0	0			
Dissolved Zinc	A289.1	50	ug/l				60				95	157		90	0	557			
Total Zinc	A289.1	50	ug/l				102				103	193		139	83	593			

NOTE:
1). blank cell indicates sample was not analyzed
2). 0 indicated level below detection limit

Table C-22. Data Summary for Automobile Dealers Composites for 1999-2000

Parameter	EPA			Composites of Control Sites C13, C14, C15					Composites of Test Sites T13, T14, T15				
	Method	PQL	Units										
COD	A410.4	5	mg/l	13.6	25.7	58.9			56.2	55	30.4		
pH	A150.1	0-14		5.94	6.26	6.27			6.33	6.53	6.46		
Specific Conductance	A120.1	1.0	umhos/cm	32.1	17	42.3			86.9	96.5	34.5		
Total Dissolved Solids	A160.1	2.0	mg/l	18	10	24			50	60	20		
Suspended Solids	A160.2	2.0	mg/l	62	19	34			189	338	68		
MBAS	A425.1	0.05	mg/l	0.169	0.098	0.168			0.17	0.106	0.082		
Total Organic Carbon	A415.1	1.0	mg/l	3.8	2	6			10	7.2	4.6		
Oil and Grease	A413.1	1	mg/l										
TPH as Gasoline	G-DHS	0.5	mg/l										
TPH as Diesel	G-DHS	0.5	mg/l										
Dissolved Aluminum	A202.2	1000	ug/l	0	0	0			0	0	0		
Total Aluminum	A202.2	1000	ug/l	0	0	0			115	0	152		
Dissolved Cadmium	A213.2	1	ug/l	0	0	0			0	0	0		
Total Cadmium	A213.2	1	ug/l	0	0	0			0	0	0		
Dissolved Chromium	A218.2	5	ug/l	0	0	0			0	0	0		
Total Chromium	A218.2	5	ug/l	0	0	0			0	0	0		
Dissolved Copper	A220.1	5	ug/l	0	0	12.9			11.3	18.5	5		
Total Copper	A220.1	5	ug/l	10	6.2	21			21.1	18.8	12.6		
Dissolved Iron	A236.1	100	ug/l	0	0	0			0	0	0		
Total Iron	A236.1	100	ug/l	0	0	0			0	0	170		
Dissolved Lead	A239.2	5	ug/l	0	0	0			0	0	0		
Total Lead	A239.2	5	ug/l	0	0	0			0	0	5.22		
Dissolved Nickel	A249.2	5	ug/l	0	0	0			7.4	0	0		
Nickel	A249.2	5	ug/l	0	0	0			7.6	0	5.36		
Dissolved Zinc	A289.1	50	ug/l	213	0	118			100	94	0		
Total Zinc	A289.1	50	ug/l	249	80	139			117	126	68		

NOTE:
 1). blank cell indicates sample was not analyzed
 2). 0 indicated level below detection limit