Table B-9. 1997 Point Source Sediment Monitoring Comparison With Standards--Dry Weights

Station:	AL343N		AL172N		AL143P		AL172S		AL343S		LSLR03			
Date:	15-Oct-97		15-Oct-97		15-Oct-97		15-Oct-97		15-Oct-97		15-Oct-97		Sediment	Lowest
% Solids:	74.3		75.6		74.7		73.8		72.7		71.6		Quality	Apparent Effects
TOC (mg/kg dry wt.)	2423		2870		2222		2818		2462		3212		Standards	Threshold
	MDL	Value	MDL	Value	MDL	Value	MDL	Value	MDL	Value	MDL	Value		
Metals (mg/kg dry wt.)														
Arsenic		5.0		4.1		4.0		4.7		5.1		4.7	57	--
Cadmium	0.2	<MDL	0.2	<MDL	0.2	<MDL	0.2	<MDL	0.2	<MDL	0.2	<MDL	5.1	--
Chromium		22.6		22.8		23.2		22.9		22.3		21.8	260	--
Copper		6.6		7.7		7.6		6.8		6.3		12.0	390	--
Lead		7.3		7.8		8.2		6.4		6.6		8.4	450	--
Mercury	0.03	<MDL	0.03	<MDL	0.03	<MDL	0.03	<MDL	0.03	<MDL		0.03	0.41	--
Silver	0.3	<MDL	0.3	<MDL	0.3	<MDL	0.3	<MDL	0.3	<MDL	0.3	<MDL	6.1	--
Zinc		27		28		30.5		27.6		27.8		31.8	410	--
Nonionizable Organic Compounds (µg/kg dry wt.)														
2–Methylnaphthalene	57.9	<MDL	56.9	<MDL	57.6	<MDL	58.3	<MDL	59.2	<MDL	60.1	<MDL	--	670
Acenaphthylene	21.5	<MDL	21.2	<MDL	21.4	<MDL	21.7	<MDL	22.0	<MDL	22.4	<MDL	--	1300
Acenapthene	14.8	<MDL	14.6	<MDL	14.7	<MDL	14.9	<MDL	15.1	<MDL	15.4	<MDL	--	500
Anthracene	21.5	<MDL	21.2	<MDL	21.4	<MDL	21.7	<MDL	22.0	<MDL	22.4	<MDL	--	960
Fluorene	21.5	<MDL	21.2	<MDL	21.4	<MDL	21.7	<MDL	22.0	<MDL	22.4	<MDL	--	540
Naphthalene	57.9	<MDL	56.9	<MDL	57.6	<MDL	58.3	<MDL	59.2	<MDL	60.1	<MDL	--	2100
Phenanthrene	21.5	<MDL	21.2	<MDL	21.4	<MDL	21.7	<MDL	22.0	<MDL	22.4	<MDL	--	1500
Total LPAHs	57.9	<MDL	56.9	<MDL	57.6	<MDL	58.3	<MDL	59.2	<MDL	60.1	<MDL	--	5200
Benzo (*a*) anthracene	21.5	<MDL	21.2	<MDL		34.8	21.7	<MDL	22.0	<MDL	22.4	<MDL	--	1300
Benzo (*a*) pyrene	36.3	<MDL	35.7	<MDL	36.1	<MDL	36.6	<MDL	37.1	<MDL	37.7	<MDL	--	1600
Benzo (*g,h,i*) perylene	36.3	<MDL	35.7	<MDL	36.1	<MDL	36.6	<MDL	37.1	<MDL	37.7	<MDL	--	670
Chrysene	21.5	<MDL	21.2	<MDL	21.4	<MDL	21.7	<MDL	22.0	<MDL	22.4	<MDL	--	1400
Dibenzo (*a,h*) anthracene	57.9	<MDL	56.9	<MDL	57.6	<MDL	58.3	<MDL	59.2	<MDL	60.1	<MDL	--	230
Fluoranthene	21.5	<MDL	21.2	<MDL		30.8	21.7	<MDL	22.0	<MDL	22.4	<MDL	--	1700
Indeno (1,2,3-*c,d*) pyrene	36.3	<MDL	35.7	<MDL	36.1	<MDL	36.6	<MDL	37.1	<MDL	37.7	<MDL	--	600
Pyrene	21.5	<MDL	21.2	<MDL		32.1	21.7	<MDL	22.0	<MDL	22.4	<MDL	--	2600
Total benzofluoranthenes	57.9	<MDL	56.9	<MDL	57.6	<MDL	58.3	<MDL	59.2	<MDL	60.1	<MDL	--	3200
Total HPAHs	57.9	<MDL	56.9	<MDL		97.7	58.3	<MDL	59.2	<MDL	60.1	<MDL	--	12000
1,2,4–Trichlorobenzene	0.93	<MDL	0.91	<MDL	0.92	<MDL	0.93	<MDL	0.95	<MDL	0.96	<MDL	--	31
1,2–Dichlorobenzene	0.93	<MDL	0.91	<MDL	0.92	<MDL	0.93	<MDL	0.95	<MDL	0.96	<MDL	--	35
1,4–Dichlorobenzene	0.93	<MDL	0.91	<MDL	0.92	<MDL	0.93	<MDL	0.95	<MDL	0.96	<MDL	--	110
Bis (2-ethylhexyl) phthalate	21.5	<MDL	21.2	<MDL	21.4	<MDL	21.7	<MDL	22.0	<MDL	22.4	<MDL	--	1300
Butyl benzyl phthalate	21.5	<MDL	21.2	<MDL	21.4	<MDL	21.7	<MDL	22.0	<MDL	22.4	<MDL	--	63
Di–*n*–butyl phthalate	36.3	<MDL	35.7	<MDL	36.1	<MDL	36.6	<MDL		38.5	37.7	<MDL	--	1400
Di–*n*–octyl phthalate	21.5	<MDL	21.2	<MDL	21.4	<MDL	21.7	<MDL	22.0	<MDL	22.4	<MDL	--	6200
Dibenzofuran	36.3	<MDL	35.7	<MDL	36.1	<MDL	36.6	<MDL	37.1	<MDL	37.7	<MDL	--	540
Diethyl phthalate	36.3	<MDL	35.7	<MDL	36.1	<MDL	36.6	<MDL	37.1	<MDL	37.7	<MDL	--	200
Dimethyl phthalate	14.8	<MDL	14.6	<MDL	14.7	<MDL	14.9	<MDL	15.1	<MDL	15.4	<MDL	--	71
Hexachlorobenzene	0.93	<MDL	0.91	<MDL	0.92	<MDL	0.93	<MDL	0.95	<MDL	0.96	<MDL	--	22
Hexachlorobutadiene	* 36.3	<MDL	* 35.7	<MDL	* 36.1	<MDL	* 36.6	<MDL	* 37.1	<MDL	* 37.7	<MDL	--	11
N–nitrosodiphenylamine	* 36.3	<MDL	* 35.7	<MDL	* 36.1	<MDL	* 36.6	<MDL	* 37.1	<MDL	* 37.7	<MDL	--	28
Total PCBs	18	<MDL	17	<MDL	17	<MDL	18	<MDL	18	<MDL	18	<MDL	--	130
Ionizable Organic Compounds (µg/kg dry wt.)														
2,4–dimethylphenol	** 36.3	< MDL	** 35.7	< MDL	** 36.1	< MDL	** 36.6	< MDL	** 37.1	< MDL	** 37.7	< MDL	29	--
2–methylphenol	36.3	< MDL	35.7	< MDL	36.1	< MDL	36.6	< MDL	37.1	< MDL	37.7	< MDL	63	--
4–methylphenol	36.3	< MDL	35.7	< MDL	36.1	< MDL	36.6	< MDL	37.1	< MDL	37.7	< MDL	670	--
Benzoic acid	148.1	< MDL	145.5	< MDL	147.3	< MDL	149.1	< MDL	151.3	< MDL	153.6	< MDL	650	--
Benzyl alcohol	36.3	< MDL	35.7	< MDL	36.1	< MDL	36.6	< MDL	37.1	< MDL	37.7	< MDL	57	--
Pentachlorophenol	36.3	< MDL	35.7	< MDL	36.1	< MDL	36.6	< MDL	37.1	< MDL	37.7	< MDL	360	--
Phenol	148.1	< MDL	145.5	< MDL	147.3	< MDL	149.1	< MDL	151.3	< MDL	153.6	< MDL	420	--

* = Parameter exceeds LAET

** = Parameter exceeds SQS

Table B-10. 1997 Intertidal Sediment Monitoring
Comparison With Standards--Dry Weights

Station:	KSHZ03		KSSN04		LSKR01		JSWX01		KSXS02		MTEC01			
Date:	21-Jul-97		21-Jul-97		22-Jul-97		21-Jul-97		21-Jul-97		21-Jul-97		Sediment	Lowest
% Solids:	80.5		80.1		80.9		95.8		85.4		93.3		Quality	Apparent Effects
TOC (mg/kg dry wt.)	861		437		618		244		2026		263		Standards	Threshold
	MDL	Value	MDL	Value	MDL	Value	MDL	Value	MDL	Value	MDL	Value		
Metals (mg/kg dry wt.)														
Arsenic	3.2	<MDL		3.4	3.0	<MDL		2.7	2.9	<MDL	2.7	<MDL	57	--
Cadmium	0.2	<MDL	0.2	<MDL	0.2	<MDL	0.2	<MDL	0.2	<MDL	0.2	<MDL	5.1	--
Chromium		15.9		13.6		11.2		18.1		9.5		18.0	260	--
Copper		6.7		6.5		5.8		11.4		8.4		7.4	390	--
Lead		4.2		3.7		5.1		9.8		3.2		2.9	450	--
Mercury	0.02	<MDL	0.02	<MDL	0.02	<MDL	0.02	<MDL	0.02	<MDL	0.02	<MDL	0.41	--
Silver	0.3	<MDL	0.2	<MDL	0.2	<MDL	0.2	<MDL	0.2	<MDL	0.2	<MDL	6.1	--
Zinc		26		23		20.3		30.9		23.5		25.4	410	--
Nonionizable Organic Compounds (µg/kg dry wt.)														
2–Methylnaphthalene	53.4	<MDL	53.7	<MDL	53.2	<MDL	44.9	<MDL	50.4	<MDL	46.1	<MDL	--	670
Acenaphthylene	19.9	<MDL	20.0	<MDL	19.8	<MDL	16.7	<MDL	18.7	<MDL	17.2	<MDL	--	1300
Acenapthene	13.7	<MDL	13.7	<MDL	13.6	<MDL	11.5	<MDL	12.9	<MDL	11.8	<MDL	--	500
Anthracene	19.9	<MDL	20.0	<MDL	19.8	<MDL	16.7	<MDL	18.7	<MDL	17.2	<MDL	--	960
Fluorene	19.9	<MDL	20.0	<MDL	19.8	<MDL	16.7	<MDL	18.7	<MDL	17.2	<MDL	--	540
Naphthalene	53.4	<MDL	53.7	<MDL	53.2	<MDL	44.9	<MDL	50.4	<MDL	46.1	<MDL	--	2100
Phenanthrene	21.5	<MDL		39.3	19.8	<MDL	16.7	<MDL	18.7	<MDL	17.2	<MDL	--	1500
Total LPAHs	53.4	<MDL		39.3	53.2	<MDL	44.9	<MDL	50.4	<MDL	46.1	<MDL	--	5200
Benzo (*a*) anthracene	19.9	<MDL		32.5	19.8	<MDL	16.7	<MDL	18.7	<MDL	17.2	<MDL	--	1300
Benzo (*a*) pyrene	33.5	<MDL	33.7	<MDL	33.4	<MDL	28.2	<MDL	31.6	<MDL	28.9	<MDL	--	1600
Benzo (*g,h,i*) perylene	33.5	<MDL	33.7	<MDL	33.4	<MDL	28.2	<MDL	31.6	<MDL	28.9	<MDL	--	670
Chrysene	19.9	<MDL		23.7	19.8	<MDL	16.7	<MDL	18.7	<MDL	17.2	<MDL	--	1400
Dibenzo (*a,h*) anthracene	53.4	<MDL	53.7	<MDL	53.2	<MDL	44.9	<MDL	50.4	<MDL	46.1	<MDL	--	230
Fluoranthene		26.1		61.4	19.8	<MDL	16.7	<MDL	18.7	<MDL	17.2	<MDL	--	1700
Indeno (1,2,3-*c,d*) pyrene	33.5	<MDL	33.7	<MDL	33.4	<MDL	28.2	<MDL	31.6	<MDL	28.9	<MDL	--	600
Pyrene	19.9	<MDL		64.2	19.8	<MDL	16.7	<MDL	18.7	<MDL	17.2	<MDL	--	2600
Total benzofluoranthenes	53.4	<MDL	53.7	<MDL	53.2	<MDL	44.9	<MDL	50.4	<MDL	46.1	<MDL	--	3200
Total HPAHs		26.1		181.8	53.2	<MDL	44.9	<MDL	50.4	<MDL	46.1	<MDL	--	12000
1,2,4–Trichlorobenzene	0.86	<MDL	0.86	<MDL	0.85	<MDL	0.72	<MDL	0.81	<MDL	0.74	<MDL	--	31
1,2–Dichlorobenzene	0.86	<MDL	0.86	<MDL	0.85	<MDL	0.72	<MDL	0.81	<MDL	0.74	<MDL	--	35
1,4–Dichlorobenzene	0.86	<MDL	0.86	<MDL	0.85	<MDL	0.72	<MDL	0.81	<MDL	0.74	<MDL	--	110
Bis (2-ethylhexyl) phthalate	19.9	<MDL	20.0	<MDL	19.8	<MDL	16.7	<MDL	18.7	<MDL	17.2	<MDL	--	1300
Butyl benzyl phthalate	19.9	<MDL	20.0	<MDL	19.8	<MDL	16.7	<MDL	18.7	<MDL	17.2	<MDL	--	63
Di–*n*–butyl phthalate	33.5	<MDL	33.7	<MDL	33.4	<MDL	28.2	<MDL	31.6	<MDL	28.9	<MDL	--	1400
Di–*n*–octyl phthalate	19.9	<MDL	20.0	<MDL	19.8	<MDL	16.7	<MDL	18.7	<MDL	22.4	<MDL	--	6200
Dibenzofuran	33.5	<MDL	33.7	<MDL	33.4	<MDL	28.2	<MDL	31.6	<MDL	28.9	<MDL	--	540
Diethyl phthalate	33.5	<MDL	33.7	<MDL	33.4	<MDL	28.2	<MDL	31.6	<MDL	28.9	<MDL	--	200
Dimethyl phthalate	13.7	<MDL	13.7	<MDL	13.6	<MDL	11.5	<MDL	12.9	<MDL	11.8	<MDL	--	71
Hexachlorobenzene	0.86	<MDL		1.6	0.85	<MDL	0.72	<MDL	0.81	<MDL	0.74	<MDL	--	22
Hexachlorobutadiene	* 33.5	<MDL	* 33.7	<MDL	* 33.4	<MDL	* 28.2	<MDL	* 31.6	<MDL	* 28.9	<MDL	--	11
N–nitrosodiphenylamine	* 33.5	<MDL	* 33.7	<MDL	* 33.4	<MDL	* 28.2	<MDL	* 31.6	<MDL	* 28.9	<MDL	--	28
Total PCBs	16	<MDL	16	<MDL	16	<MDL	14	<MDL	15	<MDL	14	<MDL	--	130
Ionizable Organic Compounds (µg/kg dry wt.)														
2,4–dimethylphenol	** 33.5	< MDL	** 33.7	< MDL	** 33.4	< MDL	28.2	< MDL	** 31.6	< MDL	28.9	< MDL	29	--
2–methylphenol	33.5	< MDL	33.7	< MDL	33.4	< MDL	28.2	< MDL	31.6	< MDL	28.9	< MDL	63	--
4–methylphenol	33.5	< MDL	33.7	< MDL	33.4	< MDL	28.2	< MDL	31.6	< MDL	28.9	< MDL	670	--
Benzoic acid	136.7	< MDL	137.3	< MDL	136.0	< MDL	114.8	< MDL	128.8	< MDL	117.9	< MDL	650	--
Benzyl alcohol	33.5	< MDL	33.7	< MDL	33.4	< MDL	28.2	< MDL	31.6	< MDL	28.9	< MDL	57	--
Pentachlorophenol	33.5	< MDL	33.7	< MDL	33.4	< MDL	28.2	< MDL	31.6	< MDL	28.9	< MDL	360	--
Phenol	136.7	< MDL	137.3	< MDL	136.0	< MDL	114.8	< MDL	128.8	< MDL	117.9	< MDL	420	--

Shaded areas indicate ambient stations.

* = Parameter exceeds LAET

** = Parameter exceeds SQS