

## APPENDIX T

Summary of 1995-97 Data

PAHs in Sediment

(ppb, dry weight)

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### State Mussel Watch Program Summary of 1995-97 Data: PAHs in Sediment (ppb, dry weight)

Station Number	Station Name	Sample Type*	Sample Date	Total PAH	Anthracene	Anthracene, benz(a)	Anthracene, dibenz(a,h)	Biphenyl	Chrysene	Fluoranthene
101.5	Humboldt Bay/Eureka SM.22	SED	02/15/95	1607.2	17.5	23.4	ND	69.9	62.2	82.1
102.6	Humboldt Bay/J Street	SED	02/15/95	12293.6	212.0	564.0	95.4	181.0	512.0	2260.0
102.7	Humboldt Bay/H Street	SED	02/15/95	2672.9	34.5	75.6	28.2	70.2	78.8	239.0
102.8	Humboldt Bay/Davenport Mar. C St	SED	02/15/95	1617.4	15.1	22.7	7.7	67.8	38.7	120.0
104.1	Humboldt Bay/Union Oil Plant	SED	02/15/95	1677.9	19.7	22.1	ND	72.3	39.5	98.0
104.2	Humboldt Bay/Coal Oil Gas Plant	SED	02/15/95	1982.7	26.2	33.8	11.9	66.0	62.0	217.0
104.3	Humboldt Bay/Old Pac. Lumber	SED	02/15/95	2768.0	25.2	57.7	21.7	69.9	72.6	277.0
299.1	Selby Slag 4	SED	10/27/95	2128.1	104.0	212.0	ND	9.8	300.0	348.0
302.6	Paradise Cove	SED	10/26/95	2255.9	30.1	139.0	60.7	14.9	131.0	278.0
306.1	Gashouse Cove/Laguna Street	SED	12/07/95	4101.2	135.0	253.0	52.3	18.1	357.0	515.0

  

Station Number	Fluoranthene, benzo(b)	Fluoranthene, benzo(k)	Fluorene	Naphthalene	Naphthalene, 1-methyl	Naphthalene, 2-methyl	Naphthalene, 2,6-dimethyl	Naphthalene, 2,3,5-trimethyl	Naphthene, ace
101.5	72.2	16.5	71.1	111.0	135.0	243.0	76.8	31.8	15.1
102.6	604.0	258.0	445.0	266.0	268.0	572.0	90.1	32.0	624.0
102.7	162.0	51.3	75.2	130.0	135.0	243.0	77.8	33.9	12.0
102.8	58.8	12.3	77.0	112.0	131.0	237.0	72.6	31.6	17.0
104.1	77.1	17.0	75.4	126.0	138.0	249.0	81.3	33.1	11.9
104.2	92.1	24.6	70.9	113.0	125.0	226.0	76.0	28.5	17.3
104.3	169.0	50.2	70.9	137.0	129.0	230.0	70.3	31.9	11.1
299.1	155.0	22.8	34.1	16.8	8.4	15.1	13.5	8.2	16.2
302.6	110.0	175.0	20.2	30.6	14.7	22.3	15.1	10.3	12.4
306.1	350.0	26.2	40.1	61.4	40.2	40.5	26.2	17.9	39.8

  

Station Number	Naphthylene, ace	Perylene	Perylene, benzo(ghi)	Phenanthrene	Phenanthrene, 1-methyl	Pyrene	Pyrene, benzo(a)	Pyrene, benzo(e)	Pyrene, indeno(1,2,3-cd)
101.5	ND	40.3	36.3	239.0	82.1	82.7	33.2	41.5	24.5
102.6	27.1	146.0	258.0	1920.0	122.0	1810.0	438.0	301.0	288.0
102.7	22.8	70.0	129.0	270.0	89.6	280.0	147.0	103.0	115.0
102.8	6.8	40.8	33.5	250.0	72.3	110.0	25.4	38.3	19.0
104.1	9.2	49.8	39.8	232.0	80.3	98.0	36.3	46.4	25.7
104.2	7.5	48.2	52.8	276.0	71.4	180.0	59.6	54.4	42.5
104.3	13.5	86.8	171.0	257.0	77.2	304.0	171.0	115.0	149.0
299.1	7.8	40.6	99.3	124.0	21.1	282.0	120.0	86.9	82.5
302.6	16.0	82.9	169.0	106.0	13.7	348.0	186.0	134.0	136.0
306.1	23.7	72.8	321.0	303.0	ND	648.0	317.0	188.0	255.0

\* SED = Sediment

ND = Not Detected

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Station Number	Station Name	Sample Type*	Sample Date	Total PAH	Anthracene	Anthracene, benz(a)	Anthracene, dibenz(a,h)	Biphenyl	Chrysene	Fluoranthene
306.2	Sansome Street/Pier 31	SED	12/06/95	5294.7	170.0	323.0	ND	27.4	313.0	928.0
306.3	Howard Street/Pier 14	SED	12/06/95	11177.4	250.0	1040.0	72.1	27.6	706.0	1350.0
306.4	Central Basin/Outer	SED	12/06/95	7939.1	428.0	641.0	87.1	16.3	844.0	1060.0
311.4	North South Bay	SED	12/06/95	810.2	10.0	31.8	ND	6.6	40.2	73.1

  

Station Number	Fluoranthene, benzo(b)	Fluoranthene, benzo(k)	Fluorene	Naphthalene	Naphthalene, 1-methyl	Naphthalene, 2-methyl	Naphthalene, 2,6-dimethyl	Naphthalene, 2,3,5-trimethyl	Naphthene, ace
306.2	346.0	24.6	90.1	57.1	22.4	38.6	26.4	16.1	70.1
306.3	1100.0	11.0	98.3	122.0	31.5	61.3	31.1	26.9	49.4
306.4	845.0	55.7	86.4	46.0	15.6	27.7	19.6	11.4	39.1
311.4	90.3	8.2	8.4	13.3	6.4	9.6	7.4	ND	7.4

  

Station Number	Naphthylene, ace	Perylene	Perylene, benzo(ghi)	Phenanthrene	Phenanthrene, 1-methyl	Pyrene	Pyrene, benzo(a)	Pyrene, benzo(e)	Pyrene, indeno(1,2,3-cd)
306.2	31.3	86.6	343.0	498.0	ND	1030.0	368.0	230.0	255.0
306.3	53.2	237.0	1070.0	394.0	110.0	1880.0	923.0	601.0	932.0
306.4	17.8	139.0	599.0	387.0	35.4	853.0	689.0	432.0	564.0
311.4	5.2	24.0	91.8	42.9	7.0	101.0	81.4	56.6	87.7

\* SED = Sediment

ND = Not Detected