

APPENDIX O

**Summary of 1993-95 Data
PAHs in Mussels and Sediment
(ppb, wet weight)**

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State Mussel Watch Program

Summary of 1993-95 Data: PAHs in Mussels and Sediment (ppb, wet weight)

Station Number	Station Name	Sample Type*	Sample Date	Total PAH	Anthracene	Anthracene, benz(a)	Anthracene, dibenz(a,h)	Biphenyl	Chrysene	Fluoranthene
10.0	Trinidad Head	RCM	10/14/93	2.4	ND	ND	ND	ND	ND	ND
10.0	Trinidad Head	RCM	11/28/94	6.3	ND	ND	ND	ND	ND	ND
100.0	Mad River Slough	TCM	02/24/94	6.3	ND	ND	ND	ND	ND	1.2
103.0	Eureka Channel	TCM	02/24/94	71.9	ND	2.1	ND	ND	3.2	6.2
202.0	Bodega Head	RCM	09/16/93	4.6	ND	ND	ND	ND	ND	ND
202.0	Bodega Head	RCM	09/19/94	ND	ND	ND	ND	ND	ND	ND
404.0	Sandholdt Bridge	TCM	03/07/94	186.7	4.2	2.9	ND	ND	4.2	20.0
414.0	Pacific Grove	RCM	04/14/94	10.4	ND	ND	ND	ND	ND	ND
601.0	LA Harbor/National Steel	SED	11/09/93	2182.7	53.8	123.7	40.3	10.8	231.3	209.8
601.0	LA Harbor/National Steel	TCM	02/08/94	785.7	3.2	12.0	ND	ND	21.0	100.0

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
10.0	ND	ND	ND	2.4	ND	ND	ND	ND	ND
10.0	ND	ND	ND	1.9	ND	2.2	ND	ND	ND
100.0	ND	ND	ND	2.9	ND	ND	ND	ND	ND
103.0	ND	ND	2.2	3.8	ND	3.7	ND	ND	2.1
202.0	ND	ND	ND	2.7	ND	ND	ND	ND	ND
202.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
404.0	ND	ND	4.7	4.3	ND	ND	2.2	ND	6.2
414.0	ND	ND	2.1	2.7	ND	ND	ND	ND	2.6
601.0	398.1	80.7	12.9	18.3	8.6	27.4	14.5	5.9	9.7
601.0	20.0	4.7	1.9	3.2	ND	ND	1.0	ND	3.1

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)
10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
10.0	ND	ND	ND	2.2	ND	ND	ND	ND	ND
100.0	ND	ND	ND	2.2	ND	ND	ND	ND	ND
103.0	ND	ND	ND	9.6	ND	39.0	ND	ND	ND
202.0	ND	ND	ND	1.9	ND	ND	ND	ND	ND
202.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
404.0	ND	ND	ND	28.0	ND	110.0	ND	ND	ND
414.0	ND	ND	ND	3.0	ND	ND	ND	ND	ND
601.0	ND	64.6	59.2	96.8	11.3	204.4	236.7	188.3	75.3
601.0	ND	3.3	7.5	5.9	ND	570.0	6.7	19.0	3.2

* RCM = Resident California Mussel
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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
605.0	LA Harbor/Cabrillo Pier	SED	11/09/93	1017.9	22.5	43.6	16.3	5.7	71.8	100.6
605.0	LA Harbor/Cabrillo Pier	TCM	02/08/94	185.3	2.9	3.5	ND	ND	7.9	34.0
616.0	LA Harbor/Consolidated Slip	SED	11/09/93	4809.0	206.1	320.6	45.8	26.1	503.8	595.4
616.0	LA Harbor/Consolidated Slip	TCM	02/08/94	1443.5	3.2	22.0	ND	ND	41.0	120.0
713.0	Huntington Harbour/Edinger Street	TCM	02/07/94	26.6	ND	ND	ND	ND	6.5	8.1
715.0	Huntington Harbour/Warner Ave Brdg	TCM	02/07/94	92.8	ND	5.0	ND	ND	4.9	7.1
724.0	Newport Bay/Highway 1 Bridge	TCM	02/07/94	118.1	1.1	2.7	ND	ND	5.1	8.2
725.0	Newport Bay/Crows Nest	TCM	02/07/94	77.5	ND	1.6	ND	ND	3.6	6.0
726.4	Newport Bay/Rhine Channel/End	TCM	02/07/94	125.5	ND	1.6	ND	ND	4.3	8.3
868.5	Mission Bay/Landfill 1	TCM	01/30/95	66.9	ND	2.0	ND	ND	4.5	6.7

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
605.0	110.2	35.9	5.3	10.1	11.0	23.5	20.6	24.4	ND
605.0	3.3	ND	3.1	3.5	ND	ND	ND	ND	4.2
616.0	503.8	123.7	50.4	64.1	33.9	109.9	50.4	36.2	28.9
616.0	32.0	7.4	4.9	3.9	ND	6.2	4.5	8.4	4.2
713.0	ND	ND	ND	3.9	ND	3.9	ND	ND	ND
715.0	ND	ND	ND	3.8	ND	2.3	ND	ND	ND
724.0	ND	ND	ND	3.0	ND	2.7	1.1	1.4	ND
725.0	ND	ND	ND	2.5	ND	ND	ND	ND	ND
726.4	3.4	0.9	0.8	2.7	ND	1.6	ND	1.0	ND
868.5	ND	ND	ND	6.7	5.9	25.5	3.1	ND	ND

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)
605.0	ND	167.6	29.7	36.4	8.1	110.2	71.8	67.1	25.4
605.0	ND	2.4	2.4	8.1	ND	110.0	ND	ND	ND
616.0	ND	91.6	123.7	329.8	39.8	778.6	325.2	338.9	82.4
616.0	ND	5.8	9.3	13.0	6.5	1100.0	12.0	34.0	5.2
713.0	ND	ND	ND	4.2	ND	ND	ND	ND	ND
715.0	ND	ND	ND	2.7	ND	67.0	ND	ND	ND
724.0	ND	ND	ND	4.3	ND	81.0	2.6	2.5	2.4
725.0	ND	ND	ND	3.2	ND	59.0	ND	ND	1.6
726.4	ND	ND	2.3	3.5	ND	94.0	1.1	ND	ND
868.5	1.1	ND	ND	5.9	ND	5.7	ND	ND	ND

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868.6	Mission Bay/Landfill 2	TCM	01/30/95	54.2	ND	ND	ND	ND	3.0	5.7
883.1	San Diego Bay/Chollas Creek	TCM	02/08/94	4273.4	64.0	86.0	ND	2.7	81.0	560.0
883.8	San Diego Bay/Switzer Creek	TCM	02/08/94	477.4	6.2	8.9	ND	ND	15.0	83.0

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
868.6	ND	ND	ND	8.3	4.9	20.3	2.6	ND	ND
883.1	56.0	13.0	35.0	3.9	ND	8.6	4.8	ND	25.0
883.8	8.2	2.3	3.1	3.0	ND	2.0	ND	ND	3.5

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)
868.6	1.1	ND	ND	3.7	ND	4.7	ND	ND	ND
883.1	1.3	8.2	9.7	250.0	ND	3000.0	18.0	38.0	8.2
883.8	ND	ND	3.1	19.0	ND	310.0	2.4	5.6	2.1

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