

**Table 9B.** Analytical results for second special study—polycyclic aromatic hydrocarbons and other semivolatile organic compounds in semipermeable membrane device (SPMD) samples—for the Sweetwater Reservoir, San Diego County, California.

[Time is denoted in 24-hour scale. E, estimated value; ID, identification; SWR, Sweetwater Reservoir; mm/dd/yyyy, month/day/year; µg/kg, microgram per kilogram; <, compound was not detected at a concentration above the laboratory reporting level]

Station name	Lab spike	Lab blank	SWR near pump tower (30-day SPMD sample)	SWR near pump tower (60-day SPMD sample)	SWR near pump tower (trip blank)	SWR near pump tower (60-day processing blank)
<b>Begin date (mm/dd/yyyy):</b>	08/27/2001	08/27/2001	01/25/2001	01/25/2001	01/25/2001	01/25/2001
<b>Begin time:</b>			1000	1000	1005	1010
<b>End date (mm/dd/yyyy):</b>			02/22/2001	03/21/2001	03/21/2001	03/21/2001
<b>End time:</b>			1000	1600	1605	1610
Compounds	Percent recovered	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Phenol	46.3	<50	E21.7	E23.9	E20.2	E36.6
Bis(-2-chloroethyl) ether	48.3	<50	<100	<100	<100	<100
2-Chlorophenol	50.5	<50	<100	<100	<100	<100
1,3-Dichlorobenzene	54.7	<50	<100	<100	<100	<100
1,4-Dichlorobenzene	45.8	<50	<100	<100	<100	<100
1,2-Dichlorobenzene	51.0	<50	<100	<100	<100	<100
Bis(2-chloroisopropyl) ether	50.7	<50	<100	<100	<100	<100
Hexachloroethane	51.5	<50	<100	<100	<100	<100
<i>N</i> -Nitrosodi- <i>n</i> -propylamine	56.8	<50	<100	<100	<100	<100
<i>p</i> -Cresol	57.3	<50	<100	<100	<100	<100
Nitrobenzene	49.3	<50	<100	<100	<100	<100
Isophorone	57.3	<50	<100	<100	<100	<100
2-Nitrophenol	52.5	<50	<100	<100	<100	<100
C8-alkyl-phenol	55.7	<50	<100	<100	<100	<100
Bis(-2-chloroethoxy)methane	59.0	<50	<100	<100	<100	<100
2,4-Dichlorophenol	64.3	<50	<100	<100	<100	<100
3,5-Dimethylphenol	58.7	<50	<100	<100	E3.01	<100
1,2,4-Trichlorobenzene	51.3	<50	<100	<100	<100	<100
Naphthalene	63.0	<50	E3.8	E5.0	E6.13	<100
2,4,6-Trimethylphenol	29.5	<50	<100	<100	<100	<100
Hexachlorobutadiene	63.0	<50	<100	<100	<100	<100
Quinoline	77.2	<50	<100	<100	<100	<100
Isoquinoline	75.3	<50	<100	<100	<100	<100
4-Chloro-3-methylphenol	89.8	<50	<100	<100	E16.3	<100
Hexachlorocyclopentadiene	48.3	<50	<100	<100	<100	<100
2,4,6-Trichlorophenol	83.3	<50	<100	<100	<100	<100
2-Chloronaphthalene	74.2	<50	<100	<100	<100	<100
2-Ethyl-naphthalene	74.3	<50	<100	<100	<100	<100
2,6-Dimethylnaphthalene	73.5	<50	<100	<100	<100	<100
1,6-Dimethylnaphthalene	77.8	<50	<100	<100	<100	<100
Acenaphthylene	75.3	<50	<100	<100	<100	<100

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<b>Begin date (mm/dd/yyyy):</b>	<b>08/27/2001</b>	<b>08/27/2001</b>	<b>01/25/2001</b>	<b>01/25/2001</b>	<b>01/25/2001</b>	<b>01/25/2001</b>
<b>Begin time:</b>			<b>1000</b>	<b>1000</b>	<b>1005</b>	<b>1010</b>
<b>End date (mm/dd/yyyy):</b>			<b>02/22/2001</b>	<b>03/21/2001</b>	<b>03/21/2001</b>	<b>03/21/2001</b>
<b>End time:</b>			<b>1000</b>	<b>1600</b>	<b>1605</b>	<b>1610</b>
Compounds	Percent recovered	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
1,2-Dimethylnaphthalene	78.5	<50	<100	<100	<100	<100
Dimethylphthalate	87.3	<50	<100	<100	<100	<100
2,6-Dinitrotoluene	88.0	<50	<100	<100	<100	<100
Acenaphthene	78.7	<50	<100	<100	<100	<100
4-Nitrophenol	86.5	<50	<100	<100	<100	<100
2,4-Dinitrotol	84.7	<50	<100	<100	<100	<100
2,4-Dinitrophenol	69.3	<50	<100	<100	<100	<100
2,3,6-Trimethylnaphthalene	83.8	<50	<100	<100	<100	<100
9H-Fluorene	83.2	<50	<100	<100	<100	<100
4-Chlorophenyl phenyl ether	82.2	<50	<100	<100	<100	<100
Diethylphthalate	87.2	<50	<100	<100	<100	<100
<i>N</i> -Nitrosodiphenylamine	88.3	<50	<100	<100	<100	<100
Azo-benzene	84.3	<50	<100	<100	<100	<100
4-Bromophenylphenylether	85.0	<50	<100	<100	<100	<100
1-Methyl-9H-fluorene	86.3	<50	<100	<100	<100	<100
Hexachlorobenzene	87.5	<50	<100	<100	<100	<100
Pentachloroaniline	86.7	<50	<100	<100	<100	<100
Dibenzothiophenate	87.3	<50	<100	<100	<100	<100
Pentachlorophenol	85.5	<50	<100	<100	<100	<100
Pentachloronitrophenol	88.7	<50	<100	<100	<100	<100
Phenanthrene	90.7	<50	E12.2	E7.5	<100	<100
Anthracene	88.0	<50	<100	<100	<100	<100
Acridine	88.7	<50	<100	<100	<100	<100
Phenanthridine	87.8	<50	<100	<100	<100	<100
9H-Carbazol	88.5	<50	<100	<100	<100	<100
2-Methylanthracene	87.0	<50	<100	<100	<100	<100
Benzo( <i>c</i> ) quinoline	87.5	<50	<100	<100	<100	<100
4,5-Methylenephenanthrene	86.7	<50	<100	<100	<100	<100
1-Methylphenanthrene	86.3	<50	<100	<100	<100	<100
Di- <i>n</i> -butyl phthalate	87.8	<50	E22.7	E10.2	E15.1	E3.1
Anthraquinone	88.3	<50	<100	<100	<100	<100

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<b>Begin time:</b>			<b>1000</b>	<b>1000</b>	<b>1005</b>	<b>1010</b>
<b>End date (mm/dd/yyyy):</b>			<b>02/22/2001</b>	<b>03/21/2001</b>	<b>03/21/2001</b>	<b>03/21/2001</b>
<b>End time:</b>			<b>1000</b>	<b>1600</b>	<b>1605</b>	<b>1610</b>
Compounds	Percent recovered	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Fluoranthene	88.7	<50	E6.1	E7.9	<100	<100
Pyrene	88.3	<50	E3.4	E2.4	<100	<100
1-Methylpyrene	88.0	<50	<100	<100	<100	<100
Butylbenzyl-phthalate	88.3	<50	<100	<100	<100	<100
Benzo(a)anthracene	91.5	<50	<100	<100	<100	<100
Chrysene	95.5	<50	<100	<100	<100	<100
Bis(2-ethylhexyl)phthalate	92.0	<50	E48.9	E27.1	E34.0	E25.8
2,2-Biquinoline	93.3	<50	<100	<100	<100	<100
Di-n-octyl phthalate	94.2	<50	<100	<100	<100	<100
Benzo(b)fluoranthene	97.7	<50	<100	<100	<100	<100
Benzo(k)fluoranthene	92.0	<50	<100	<100	<100	<100
Benzo(a)pyrene	95.7	<50	<100	<100	<100	<100
Indeno(1,2,3-c)pyrene	92.7	<50	<100	<100	<100	<100
Dibenz(a,h)anthracene	89.5	<50	<100	<100	<100	<100
Benzo(g,h,i)perylene	59.9	<50	<100	<100	<100	<100