

Table 7B. Analytical results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for the Sweetwater Reservoir air sampling site, San Diego County, California.

[The site identification number is 32414117001601. Concentrations are in nanograms per cubic meter (ng/m³) unless noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Compounds 2,6-diethylaniline, butylate, EPTC, pebulate, and terbacil were not reported during the time frame of this report; µg/m³, micrograms per cubic meter; E, estimated; GFF, glass fiber filter; g, gram; NA, not analyzed; PUF, polyurethane foam; —, compound was not detected at a concentration above the reporting level]

Date (mm/dd/yyyy)	Laboratory set number	Air (m ³)	Particle weight (g)	Total suspended particles (µg/m ³)	Benfluralin	Carbaryl	Chlorpyrifos	DCPA (Dacthal)	Diazinon
10/05/1999	99.348	259.9	0.014	54.2	—	—	0.06	—	0.24
							1.48	0.08	3.70
							—	—	—
							1.54	0.08	3.94
10/26/1999	99.348	274.5	0.015	55.7	—	—	0.07	—	0.16
					0.06	—	1.52	0.07	4.00
					—	—	—	—	—
					0.06	—	1.59	0.07	4.16
11/16/1999	99.348	307.6	0.007	21.1	—	—	—	—	0.07
					—	—	0.57	0.05	2.04
					—	—	—	—	—
					—	—	0.57	0.05	2.11
12/07/1999	99.348	289.3	0.011	36.6	—	—	—	—	—
					—	—	0.40	0.05	1.11
					—	—	—	—	—
					—	—	0.40	0.05	1.11
01/04/2000	00.222	393.5	0.016	39.4	—	0.08	—	—	0.09
					—	—	0.41	—	0.57
					—	—	—	—	—
					—	0.08	0.41	—	0.66

Table 7B. Analytical results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

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Date (mm/dd/yyyy)	Type	Laboratory set number	Air (m ³)	Particle weight (g)	Total suspended particles (µg/m ³)	Benfluralin	Carbaryl	Chlorpyrifos	DCPA (Dacthal)	Diazinon
03/28/2000	GFF	00.222	584.5	0.023	38.7	—	—	—	—	—
	Top PUF					—	—	0.43	0.05	0.71
	Bottom PUF					—	—	—	—	—
	Total					—	—	0.43	0.05	0.71
04/25/2000	GFF	00.222	474.4	0.023	48.9	—	—	—	—	—
	Top PUF					—	—	0.54	0.04	1.23
	Bottom PUF					—	—	—	—	—
	Total					—	—	0.54	0.04	1.23
05/23/2000	GFF	00.222	550.4	0.021	38.7	—	—	—	—	—
	Top PUF					—	—	0.57	0.04	1.43
	Bottom PUF					—	—	—	—	—
	Total					—	—	0.57	0.04	1.43
06/20/2000	GFF	00.222	541.5	0.024	44.1	—	—	—	—	—
	Top PUF					—	—	0.33	0.02	0.90
	Bottom PUF					—	—	—	—	—
	Total					—	—	0.33	0.02	0.90
07/18/2000	GFF	00.222	523.7	0.032	61.5	—	—	—	—	—
	Top PUF					—	—	0.91	0.05	2.09
	Bottom PUF					—	—	—	—	0.38
	Total					—	—	0.91	0.05	2.47

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Date (mm/dd/yyyy)	Type	Laboratory set number	Air (m ³)	Particle weight (g)	Total suspended particles (µg/m ³)	Benfluralin	Carbaryl	Chlorpyrifos	DCPA (Dacthal)	Diazinon
08/15/2000	GFF	02.037	504.4	0.029	57.5	—	—	—	—	—
	Top PUF					—	—	—	—	—
	Bottom PUF					—	—	—	—	—
	Total					—	—	—	—	—
10/10/2000	GFF	02.037	316.6	0.024	76.8	—	—	—	—	—
ruined	Top PUF					NA	NA	NA	NA	NA
ruined	Bottom PUF					NA	NA	NA	NA	NA
	Total					—	—	—	—	—
11/07/2000	GFF	02.037	329.5	0.007	21.2	—	—	—	—	0.07
ruined	Top PUF					NA	NA	NA	NA	NA
ruined	Bottom PUF					NA	NA	NA	NA	NA
	Total					—	—	—	—	10.07
12/05/2000	GFF	02.037	348.8	0.011	31.5	—	—	0.01	—	0.09
	Top PUF					—	—	0.38	0.02	0.45
	Bottom PUF					—	—	—	—	—
	Total					—	—	0.39	0.02	0.54
01/02/2001	GFF	02.037	315.7	0.022	70.3	—	0.05	—	—	0.06
	Top PUF					—	—	—	—	—
	Bottom PUF					—	—	—	—	—
	Total					—	0.05	—	—	0.06

¹Partial total: Data not available for all filters.

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Table 7B. Analytical results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2001 for the Sweetwater Reservoir air sampling site, San Diego County, California—Continued.

[The site identification number is 32414117001601. Concentrations are in nanograms per cubic meter (ng/m³) unless noted. The five digit number in parentheses below the compound name, the parameter code, is used in the U.S. Geological Survey (USGS) computerized data system (National Water Information System) to uniquely identify a specific constituent or property. Compounds 2,6-diethylaniline, butylate, EPTC, pebulate, and terbacil were not reported during the time frame of this report; µg/m³, micrograms per cubic meter; E, estimated; GFF, glass fiber filter; g, gram; NA, not analyzed; PUF, polyurethane foam; —, compound was not detected at a concentration above the reporting level]

Date (mm/dd/yyyy)	Type	Laboratory set number	Air (m ³)	Particle weight (g)	Total suspended particles (µg/m ³)	Benfluralin	Carbaryl	Chlorpyrifos	DCPA (Dacthal)	Diazinon
01/30/2001	GFF	02.037	360.4	0.014	37.7	—	—	—	—	0.04
	Top PUF					0.10	—	0.46	—	1.10
	Bottom PUF					—	—	—	—	—
	Total				0.10	—	0.46	—	—	1.14
02/27/2001	GFF	02.037	234.1	0.009	39.3	—	—	—	—	—
	Top PUF					0.10	—	0.21	—	0.63
	Bottom PUF					—	—	—	—	—
	Total				0.10	—	0.21	—	—	0.63
03/27/2001	GFF	02.037	338.8	0.022	65.5	—	0.03	—	—	—
	Top PUF					—	—	0.14	0.04	0.23
	Bottom PUF					—	—	—	—	—
	Total				—	0.03	0.14	0.04	—	0.23
06/19/2001	GFF	02.037	287.9	0.012	42.4	—	—	—	—	—
	Top PUF					0.04	—	0.81	0.03	1.95
	Bottom PUF					—	—	—	—	—
	Total				0.04	—	0.81	0.03	—	1.95
08/08/2001	GFF	02.037	288.0	0.015	50.7	—	—	—	—	0.04
	Top PUF					—	—	0.30	0.11	1.53
	Bottom PUF					—	—	—	—	—
	Total				—	—	0.30	0.11	—	1.57

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Date (mm/dd/yyyy)	Laboratory set number	Type	Air (m^3)	Particle weight (g)	Total suspended particles ($\mu\text{g}/\text{m}^3$)	Benfluralin	Carbaryl	Chlorpyrifos	DCPA (Dacthal)	Diazinon
09/04/2001	02.037	GFF	281.5	0.014	48.3	—	—	—	—	—
		Top PUF				—	—	0.28	0.05	1.08
		Bottom PUF				—	—	—	—	—
		Total				—	—	0.28	0.05	1.08

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Date (mm/dd/yyyy)	Malathion	p,p'-DDE	cis-Permethrin	Tebuthiuron	Trifluralin	Diazinon-d10 (surrogate) (percent)	α-HCH-d6 (surrogate) (percent)
10/05/1999	0.08	—	0.09	—	—	70.0	65.0
	0.53	0.06	0.07	—	0.07	87.4	69.0
	—	—	—	—	0.05	88.2	72.7
	0.61	0.06	0.16	—	0.12		
10/26/1999	0.08	—	0.11	—	—	72.6	67.2
	0.50	0.06	0.07	—	0.08	80.6	68.8
	—	—	—	—	0.06	94.4	69.0
	0.58	0.06	0.18	—	0.14		
11/16/1999	—	—	—	—	—	58.2	57.2
	0.22	0.04	—	—	0.05	89.6	62.6
	—	—	—	—	—	88.4	67.0
	0.22	0.04	—	—	0.05		
12/07/1999	0.07	—	—	—	—	75.6	72.2
	0.23	0.05	—	—	—	83.0	63.0
	—	—	—	—	—	96.2	56.6
	0.30	0.05	—	—	—		
01/04/2000	0.11	—	—	—	—	73.9	69.4
	0.18	0.02	—	—	—	80.4	84.5
	—	—	—	—	—	98.4	72.5
	0.29	0.02	—	—	—		

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Date (mm/dd/yyyy)	Malathion	p,p'-DDE	cis-Permethrin	Tebuthiuron	Trifluralin	Diazinon-d10 (surrogate) (percent)	α-HCH-d6 (surrogate) (percent)
03/28/2000	—	—	—	—	—	74.2	59.1
	0.16	0.04	—	—	0.07	74.2	62.0
	—	—	—	—	—	77.4	66.8
	0.16	0.04	—	—	0.07	—	—
04/25/2000	—	—	—	—	—	68.6	67.6
	0.42	0.05	—	—	0.07	56.3	56.8
	—	—	—	—	0.05	51.9	64.2
	0.42	0.05	—	—	0.12	—	—
05/23/2000	—	—	—	—	—	73.1	69.7
	0.21	0.04	—	—	0.06	65.0	76.7
	—	—	—	—	0.04	68.9	68.9
	0.21	0.04	—	—	0.10	—	—
06/20/2000	—	—	—	—	—	83.4	70.3
	0.17	0.02	—	—	0.03	18.7	24.8
	—	—	—	—	0.03	79.6	67.5
	0.17	0.02	—	—	0.06	—	—
07/18/2000	—	—	—	—	—	87.8	66.7
	0.55	0.06	—	—	0.04	61.3	71.4
	—	—	—	—	0.03	72.4	67.8
	0.55	0.06	—	—	0.07	—	—

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Date (mm/dd/yyyy)	Malathion	p,p'-DDE	cis-Permethrin	Tebuthiuron	Trifluralin	Diazinon-d10 (surrogate) (percent)	α-HCH-d6 (surrogate) (percent)
08/15/2000	—	—	—	—	—	60.0	35.5
	—	—	—	—	—	97.8	90.0
	—	—	—	—	—	103	88.5
	—	—	—	—	—		
10/10/2000	—	—	—	—	—	46.5	31.2
	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA
	—	—	—	—	—		
11/07/2000	0.03	—	—	—	—	68.0	55.2
	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA
	0.03	—	—	—	—		
12/05/2000	0.04	—	—	—	—	90.5	79.5
	0.04	0.03	—	0.90	0.15	107	90.2
	—	—	—	—	—	90.0	76.0
	0.08	0.03	—	0.09	0.15		
01/02/2001	—	0.01	—	—	—	66.0	51.8
	—	—	—	—	—	NA	NA
	—	—	—	—	—	NA	NA
	—	0.01	—	—	—		

¹Partial total. Data not available for all filters.

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Date (mm/dd/yyyy)	Malathion	p,p'-DDE	cis-Permethrin	Tebuthiuron	Trifluralin	Diazinon-d10 (surrogate) (percent)	α-HCH-d6 (surrogate) (percent)
01/30/2001	0.02	—	0.14	—	—	55.0	42.8
	0.12	0.03	—	—	0.80	105	90.0
02/27/2001	—	—	—	—	—	NA	NA
	0.14	0.03	0.14	—	0.80	—	—
	—	—	—	—	—	67.8	40.0
	—	0.06	—	—	0.60	98.3	84.5
03/27/2001	—	—	—	—	—	105	84.5
	—	0.06	—	—	0.60	—	—
	0.07	—	—	—	—	NA	NA
06/19/2001	0.07	0.05	—	—	0.13	96.2	79.0
	—	—	—	—	—	99.0	82.3
	0.07	0.05	—	—	0.13	—	—
	—	—	—	—	—	59.5	43.0
08/08/2001	0.29	0.03	—	—	0.16	104	91.0
	—	—	—	—	0.10	104	84.5
	0.29	0.03	—	—	0.26	—	—
	0.04	—	—	—	—	94.5	75.5
0.24	0.06	—	—	0.11	96.5	80.2	
—	—	—	—	0.08	102.5	82.8	
0.28	0.06	—	—	0.19	—	—	

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Date (mm/dd/yyyy)	Malathion	p,p'-DDE	cis-Permethrin	Tebuthiuron	Trifluralin	Diazinon-d10 (surrogate) (percent)	α-HCH-d6 (surrogate) (percent)
09/04/2001	—	—	—	—	—	—	—
	—	—	0.28	0.05	1.08		
	—	—	—	—	—		
	—	—	0.28	0.05	1.08		