

Table 7C. Analytical results for pesticide concentrations in air using modified U.S. Geological Survey National Water Quality Laboratory Schedule 2002 for the Sweetwater Reservoir air sampling site, San Diego County, California.

[The site identification number is 32414117001601. Air sampling 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. µg/m³, micrograms per cubic meter; GFF, glass fiber filter; g, gram; NA, not analyzed; PUF, polyurethane foam; —, compound was not detected at a concentration above laboratory reporting level]

Date (mm/dd/yyyy)	Type	Laboratory set number	Air (m ³)	Particle weight (g)	Total suspended particulate (ng/m ³)	1,4-Naphthoquinone (estimated) (64189)	Bifenthrin (64247)	Malaoxon (64355)	Diazinon-d10 (surrogate) (percent)	α-HCH-d6 (surrogate) (percent)
10/05/1999	GFF	99,348	259.9	0.014	54.2	—	0.11	0.30	51.0	54.0
	Top PUF					0.14	—	—	104	76.0
	Bottom PUF					—	—	—	91.0	71.0
	Total					0.14	0.11	0.30		
10/26/1999	GFF	99,348	274.5	0.015	55.7	—	0.05	0.22	63.0	60.0
	Top PUF					0.15	—	—	109	73.0
	Bottom PUF					0.08	—	—	99.0	77.0
	Total					0.22	0.05	0.22		
11/16/1999	GFF	99,348	307.6	0.007	21.1	—	—	—	33.0	47.0
	Top PUF					0.09	—	—	74.0	70.0
	Bottom PUF					—	—	—	86.0	68.0
	Total					0.09	—	—		
12/07/1999	GFF	99,348	289.3	0.011	36.6	—	—	—	66.0	69.0
	Top PUF					—	—	—	26.0	75.0
	Bottom PUF					—	—	—	93.0	73.0
	Total					—	—	—		
01/04/2000	GFF	00,222	393.5	0.016	39.4	—	—	—	95.0	81.0
	Top PUF					—	—	—	111	83.0
	Bottom PUF					—	—	—	118	85.0
	Total					—	—	—		

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03/28/2000	GFF	00.222	584.5	0.023	38.7	—	—	0.10	88.0	78.0
	Top PUF					—	—	—	119	86.0
	Bottom PUF					—	—	—	95.0	75.0
	Total					—	—	0.10		
04/25/2000	GFF	00.222	474.4	0.023	48.9	—	—	—	91.0	73.0
	Top PUF					—	—	—	79.0	101
	Bottom PUF					—	—	—	87.0	81.0
	Total					—	—	—		
05/23/2000	GFF	00.222	550.4	0.021	38.7	—	—	0.07	91.0	86.0
	Top PUF					—	—	—	142	90.0
	Bottom PUF					—	—	—	135	87.0
	Total					—	—	0.07		
06/20/2000	GFF	00.222	541.5	0.024	44.1	—	—	0.10	105	78.0
	Top PUF					—	—	—	47.0	28.0
	Bottom PUF					—	—	—	100	69.0
	Total					—	—	0.10		
07/18/2000	GFF	00.222	523.7	0.032	61.5	—	—	0.06	103	79.0
	Top PUF					—	—	—	98.0	95.0
	Bottom PUF					—	—	—	105	82.0
	Total					—	—	0.06		
08/15/2000	GFF	02.037	504.4	0.029	57.5	—	—	—	60	35.5
	Top PUF					—	—	—	97.8	90.0
	Bottom PUF					—	—	—	103	88.5
	Total					—	—	—		

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10/10/2000	02.037	GFF	316.6	0.024	76.8	—	—	—	41.0	30.6
ruined		Top PUF				NA	NA	NA	NA	NA
ruined		Bottom PUF				NA	NA	NA	NA	NA
		Total				—	—	—		
11/07/2000	02.037	GFF	329.5	0.007	21.2	—	0.05	0.08	67.4	53.4
ruined		Top PUF				NA	NA	NA	NA	NA
ruined		Bottom PUF				NA	NA	NA	NA	NA
		Total				—	¹ 0.05	¹ 0.08		
12/05/2000	02.037	GFF	348.8	0.011	31.5	—	—	0.16	74.6	75.7
ruined		Top PUF				—	—	—	82.7	82.5
ruined		Bottom PUF				—	—	—	91.9	74.6
		Total				—	—	0.16		
01/02/2001	02.037	GFF	315.7	0.022	70.3	—	0.06	0.14	64.9	45.0
ruined		Top PUF				NA	NA	NA	NA	NA
ruined		Bottom PUF				NA	NA	NA	NA	NA
		Total				NT	¹ 0.06	¹ 0.14		
01/30/2001	02.037	GFF	360.4	0.014	37.7	—	0.07	0.07	56.6	41.8
ruined		Top PUF				0.15	—	—	99.3	88.5
ruined		Bottom PUF				NA	NA	NA	NA	NA
		Total				¹ 0.150	¹ 0.07	¹ 0.07		

¹Partial total: Data not available for all filters.

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02/27/2001	GFF	02.037	234.1	0.009	39.3	—	—	—	64.8	40.1
	Top PUF								98.3	77.4
	Bottom PUF								90.9	77.3
	Total									
03/27/2001	GFF	02.037	338.8	0.022	65.5	—	—	0.08	NA	NA
	Top PUF								80.3	82.7
	Bottom PUF								94.0	82.3
	Total							0.08		
06/19/2001	GFF	02.037	287.9	0.012	42.4	—	0.06	0.27	60.6	42.5
	Top PUF								93.0	81.5
	Bottom PUF								100.9	81.9
	Total						0.06	0.27		
08/08/2001	GFF	02.037	288.0	0.015	50.7	—	0.06	0.29	98.9	72.0
	Top PUF								71.3	86.7
	Bottom PUF								93.2	80.8
	Total						0.06	0.29		
09/04/2001	GFF	02.037	281.5	0.014	48.3	—	0.06	0.33	112.9	83.6
	Top PUF								99.1	84.3
	Bottom PUF			02.037					97.8	85.4
	Total						0.06	0.33		