

Appendix G. Data for Total Mercury, Other Trace Elements, Major Elements, and Chlorophyll.

Table G1. Raw data for unfiltered total mercury in water samples, Camp Far West Reservoir, California.

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation. ft, foot; ng/L, nanogram per liter; —, not determined]

Date	Time	Depth (ft)	Total mercury, unfiltered (ng/L) (50286)		Total mercury, unfiltered (ng/L) (50286)		Total mercury, unfiltered (ng/L) (50286)
	Laboratory	Boulder		Boulder		Wisconsin	
	Replicate	1 of 2	1 of 2	2 of 2	2 of 2	1 of 1	
		value	s.d.	value	s.d.	value	

Site 1, LRS: Lower Reservoir, shallow (Camp Far West Reservoir 0.3 mile north of dam abutment)

Station number 390317121185001

10/30/2001	5:15 PM	10	—	—	—	—	—
02/12/2002	12:00 PM	8	5.4	0.1	5.4	0.2	—
04/22/2002	3:20 PM	10	2.4	0.1	2.4	0.1	—
08/06/2002	4:30 PM	10	1.6	0.1	1.5	0.1	—
04/15/2003	10:30 AM	40	—	—	—	—	3.89

Site 2, LRT: Lower Reservoir, thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)

Station number 390307121183801

11/01/2001	8:30 AM	70	—	—	—	—	—
02/12/2002	11:00 AM	140	7.9	0.0	7.7	0.2	—
04/22/2002	3:00 PM	140	4.5	0.1	4.0	0.0	—
08/08/2002	12:00 PM	45	2.0	0.0	1.8	0.1	—
08/08/2002	1:30 PM	113	1.7	0.1	1.8	0.1	—
11/04/2002	3:50 PM	10	8.8	0.0	8.6	0.0	7.68
11/04/2002	3:20 PM	55	5.7	0.1	5.8	0.1	5.39
01/29/2003	2:30 PM	10	7.4	0.2	7.7	0.2	3.82
01/28/2003	4:40 PM	140	7.3	0.1	7.4	0.1	6.93
04/16/2003	4:00 PM	150	—	—	—	—	2.90
08/05/2003	12:30 PM	1	—	—	—	—	2.48
08/05/2003	3:30 PM	73	—	—	—	—	3.34
08/05/2003	1:00 PM	120	—	—	—	—	2.11

Site 3, MRS: Middle Reservoir, shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)

Station number 390244121171801

10/29/2001	4:15 PM	6	—	—	—	—	—
02/12/2002	1:30 PM	60	4.9	0.0	4.9	0.0	—
04/22/2002	1:50 PM	10	2.7	0.1	2.6	0.1	—
04/15/2003	12:40 PM	32	—	—	—	—	2.35

Table G1. Raw data for unfiltered total mercury in water samples, Camp Far West Reservoir, California.—*Continued*

[thalweg, former river channel (low elevation path); s.d., standard deviation; —, not determined]

Date	Time	Depth (ft)	Total mercury, unfiltered (ng/L) (50286)		Total mercury, unfiltered (ng/L) (50286)		Total mercury, unfiltered (ng/L) (50286)
			Boulder		Boulder		Wisconsin
	Laboratory Replicate		1 of 2 value	1 of 2 s.d.	2 of 2 value	2 of 2 s.d.	1 of 1 value

Site 4, MRT: Middle Reservoir, thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)

Station number 390238121173101

10/29/2001	2:45 PM	50	—	—	—	—	—
02/13/2002	8:30 AM	120	8.0	0.2	8.0	0.2	—
04/22/2002	12:20 PM	120	4.4	0.1	4.5	0.2	—
08/07/2002	12:10 PM	10	1.5	0.0	1.8	0.1	—
08/07/2002	12:40 PM	47	1.9	0.1	2.3	0.1	—
08/08/2002	2:50 PM	80	2.6	0.1	2.6	0.1	—
11/05/2002	2:10 PM	10	4.6	0.2	4.9	0.2	4.56
11/05/2002	2:30 PM	30	10.9	0.1	10.7	0.1	9.91
01/29/2003	2:00 PM	10	4.6	0.0	4.9	0.1	5.07
01/28/2003	3:30 PM	120	7.4	0.1	7.3	0.0	6.73
04/17/2003	10:30 AM	125	—	—	—	—	3.77
08/07/2003	11:30 AM	1	—	—	—	—	1.15
08/07/2003	11:50 AM	100	—	—	—	—	2.78

Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)

Station number 390202121162201

10/31/2001	10:15 AM	12	—	—	—	—	—
02/13/2002	9:00 AM	80	8.7	0.2	8.3	0.1	—
04/22/2002	10:40 AM	80	4.6	0.0	4.6	0.0	—
08/06/2002	5:50 PM	10	1.4	0.2	1.6	0.1	—
08/06/2002	6:20 PM	55	3.1	0.1	3.2	0.1	—
11/05/2002	4:10 PM	7	4.7	0.1	4.8	0.1	4.92
01/29/2003	1:20 PM	10	7.5	0.2	6.6	0.1	6.82
01/28/2003	2:50 PM	85	7.6	0.2	7.0	0.0	6.54
04/17/2003	11:30 AM	90	—	—	—	—	6.03
08/07/2003	10:00 AM	1	—	—	—	—	1.44
08/06/2003	3:00 PM	100	—	—	—	—	43.6

Table G1. Raw data for unfiltered total mercury in water samples, Camp Far West Reservoir, California.—*Continued*

[thalweg, former river channel (low elevation path); s.d., standard deviation;—, not determined]

Date	Time	Depth (ft)	Total mercury, unfiltered (ng/L) (50286)		Total mercury, unfiltered (ng/L) (50286)		Total mercury, unfiltered (ng/L) (50286)
			Boulder		Boulder		Wisconsin
	Laboratory	Boulder		Boulder		Wisconsin	
	Replicate	1 of 2	1 of 2	2 of 2	2 of 2	1 of 1	
		value	s.d.	value	s.d.	value	

Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)

Station number 390159121171401

10/31/2001	1:00 PM	4	—	—	—	—	—
02/13/2002	1:00 PM	20	6.3	0.1	6.3	0.1	—
04/23/2002	12:10 PM	20	2.5	0.1	—	—	—
08/07/2002	6:50 PM	57	2.8	0.2	2.8	0.0	—
01/30/2003	3:30 PM	55	7.4	0.2	7.7	0.1	6.95
04/17/2003	2:30 PM	55	—	—	—	—	5.22
08/07/2003	4:00 PM	1	—	—	—	—	1.79

Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)

Station number 390331121174101

08/07/2002	03:40 PM	10	1.6	0.2	1.6	0.2	—
04/17/2003	01:20 PM	80	—	—	—	—	4.01
08/07/2003	01:00 PM	1	—	—	—	—	1.45
08/07/2003	01:30 PM	40	—	—	—	—	2.47

Site 8, DFP: Dairy Farm Mine pit lake (Dairy Farm Mine pit lake near Wheatland)

Station number 390148121171701

10/31/2001	2:15 PM	1	—	—	—	—	—
02/13/2002	3:10 PM	10	5.9	0.3	5.7	0.0	—
02/13/2002	3:30 PM	35	6.3	0.2	6.4	0.2	—
04/24/2002	11:10 AM	30	3.2	0.0	3.2	0.0	—
08/07/2002	5:00 PM	0.5	3.2	0.1	3.0	0.0	—
11/05/2002	2:50 PM	1	4.3	0.1	4.3	0.1	—
01/30/2003	12:30 PM	10	4.8	0.2	4.9	0.1	4.27
01/30/2003	1:20 PM	38	1.2	0.1	1.1	0.2	1.25
04/17/2003	4:00 PM	40	—	—	—	—	0.99
08/07/2003	4:30 PM	1	—	—	—	—	6.99

Site 9, DFI: Dairy Farm Mine impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)

Station number 390152121171001

10/31/2001	2:40 PM	0.5	—	—	—	—	—
02/13/2002	2:20 PM	52	7.3	0.2	6.9	0.0	—
04/23/2002	1:10 PM	20	2.6	0.1	2.5	0.1	—
11/05/2002	2:00 PM	0.5	3.0	0.0	2.9	0.0	—

Table G2. Raw data for filtered and particulate total mercury in water samples, Camp Far West Reservoir, California.

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Thalweg, former river channel (low elevation path); C45, 0.45-micrometer capsule filter; Q, quartz fiber filter; s.d., standard deviation. ft, foot; ng/L, nanogram per liter; —, not determined]

Date	Time	Depth (ft)	Total mercury, filtered (C45) (ng/L) (50287)		Total mercury, filtered (C45) (ng/L) (50287)		Total mercury, filtered (C45) (ng/L) (50287)	
			Laboratory Replicate	Boulder		Boulder		Wisconsin
				1 of 2	1 of 2	2 of 2	2 of 2	1 of 1
				value	s.d.	value	s.d.	value
Site 1, LRS: Lower Reservoir, shallow (Camp Far West Reservoir 0.3 mile north of dam abutment)								
Station number 390317121185001								
10/30/2001	5:15 PM	10	—	—	—	—	—	
02/12/2002	12:00 PM	8	1.7	0.2	1.8	0.2	—	
04/22/2002	3:20 PM	10	0.9	0	0.9	0	—	
08/06/2002	4:30 PM	10	0.4	0.1	0.4	0	—	
04/15/2003	10:30 AM	40	—	—	—	—	0.98	
Site 2, LRT: Lower Reservoir, thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)								
Station number 390307121183801								
11/01/2001	8:30 AM	70	—	—	—	—	—	
02/12/2002	11:00 AM	140	1.5	0.1	1.4	0	—	
04/22/2002	3:00 PM	140	1.0	0.1	1.2	0.1	—	
08/08/2002	12:00 PM	45	<0.4	0	<0.4	0.1	—	
08/08/2002	1:30 PM	113	0.5	0.1	0.6	0.1	—	
11/04/2002	3:50 PM	10	<0.4	0.1	<0.4	0.1	0.34	
11/04/2002	3:20 PM	55	<0.4	0.1	<0.4	0.1	0.31	
01/29/2003	2:30 PM	10	1.7	0.1	1.7	0.1	1.72	
01/28/2003	4:40 PM	140	1.5	0.1	1.5	0.1	1.56	
04/16/2003	4:00 PM	150	—	—	—	—	0.93	
08/05/2003	12:30 PM	1	—	—	—	—	0.43	
08/05/2003	3:30 PM	73	—	—	—	—	0.71	
08/05/2003	1:00 PM	120	—	—	—	—	0.90	
Site 3, MRS: Middle Reservoir, shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)								
Station number 390244121171801								
10/29/2001	4:15 PM	6	—	—	—	—	—	
02/12/2002	1:30 PM	60	1.7	0.1	1.6	0.1	—	
04/22/2002	1:50 PM	10	1.0	0.2	0.8	0	—	
04/15/2003	12:40 PM	32	—	—	—	—	0.93	
Site 4, MRT: Middle Reservoir, thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)								
Station number 390238121173101								
10/29/2001	2:45 PM	50	—	—	—	—	—	
02/13/2002	8:30 AM	120	1.3	0.2	1.3	0.2	—	
04/22/2002	12:20 PM	120	0.8	0.1	1.1	0.1	—	
08/07/2002	12:10 PM	10	0.4	0.1	0.4	0.1	—	
08/07/2002	12:40 PM	47	<0.4	0.1	<0.4	0.1	—	
08/08/2002	2:50 PM	80	0.4	0.1	0.4	0.1	—	
11/05/2002	2:30 PM	10	<0.4	0.1	<0.4	0.1	0.34	
11/05/2002	2:10 PM	30	<0.4	0.1	0.4	0	0.34	
01/29/2003	2:00 PM	10	1.6	0	1.6	0	1.64	
01/28/2003	3:30 PM	120	1.5	0.1	1.5	0.1	1.56	
04/17/2003	10:30 AM	125	—	—	—	—	0.91	
08/07/2003	11:30 AM	1	—	—	—	—	0.99	
08/07/2003	11:50 AM	100	—	—	—	—	0.70	

Table G2. Raw data for filtered and particulate total mercury in water samples, Camp Far West Reservoir, California.—*Continued*

Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); C45, 0.45-micrometer capsule filter; Q, quartz fiber filter; s.d., standard deviation. ft, foot; ng/L, nanogram per liter; —, not determined]

Date	Time	Depth (ft)	Total mercury, filtered (C45) (ng/L) (50287)		Total mercury, filtered (C45) (ng/L) (50287)		Total mercury, filtered (C45) (ng/L) (50287)
			Boulder		Boulder		Wisconsin
			1 of 2	1 of 2	2 of 2	2 of 2	1 of 1
			value	s.d.	value	s.d.	value
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)							
Station number 390202121162201							
10/31/2001	10:15 AM	12	0.6	0.1	0.5	0.1	—
02/13/2002	9:00 AM	80	1.3	0.1	1.4	0.1	—
04/22/2002	10:40 AM	80	0.7	0	0.9	0	—
08/06/2002	5:50 PM	10	0.6	0.1	<0.4	0	—
08/06/2002	6:20 PM	55	0.4	0.1	0.4	0.1	—
11/05/2002	4:10 PM	7	<0.4	0	<0.4	0.1	0.43
01/28/2003	2:50 PM	85	1.5	0.1	1.6	0.1	1.51
01/29/2003	1:20 PM	10	1.7	0.1	1.7	0.1	1.59
04/17/2003	11:30 AM	90	—	—	—	—	1.39
08/06/2003	3:00 PM	100	—	—	—	—	0.57
08/07/2003	10:00 AM	1	—	—	—	—	0.40
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)							
Station number 390159121171401							
10/31/2001	1:00 PM	4	—	—	—	—	—
02/13/2002	1:00 PM	20	1.6	0	1.5	0.1	—
04/23/2002	12:10 PM	20	1.0	0.1	1.0	0.1	—
08/07/2002	6:50 PM	57	0.4	0.1	0.4	0.1	—
01/30/2003	3:30 PM	55	1.7	0	1.7	0.1	1.84
04/17/2003	2:30 PM	55	—	—	—	—	1.50
08/07/2003	4:00 PM	1	—	—	—	—	0.40
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)							
Station number 390331121174101							
08/07/2002	03:40 PM	10	<0.4	0.1	<0.4	0.1	—
04/17/2003	01:20 PM	80	—	—	—	—	0.93
08/07/2003	01:00 PM	1	—	—	—	—	0.39
08/07/2003	01:30 PM	40	—	—	—	—	0.45
Site 8, DFP: Dairy Farm Mine pit lake (Dairy Farm Mine pit lake near Wheatland)							
Station number 390148121171701							
10/31/2001	2:15 PM	1	—	—	—	—	—
02/13/2002	3:10 PM	10	—	—	—	—	—
02/13/2002	3:30 PM	35	—	—	—	—	—
04/24/2002	11:10 AM	30	0.7	0	0.8	0	—
08/07/2002	5:00 PM	0.5	<0.4	0.2	<0.4	0.1	—
11/05/2002	2:50 PM	1	1.4	0	1.4	0.1	—
01/30/2003	12:30 PM	10	1.6	0.1	1.7	0	1.67
01/30/2003	1:20 PM	38	<0.4	0.1	<0.4	0.1	0.33
04/17/2003	4:00 PM	40	—	—	—	—	0.39
08/07/2003	4:30 PM	1	—	—	—	—	0.11
Site 9, DFI: Dairy Farm Mine impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)							
Station number 390152121171001							
10/31/2001	2:40 PM	0.5	—	—	—	—	—
02/13/2002	2:20 PM	52	15.7	0.2	15.2	0	—
04/23/2002	1:10 PM	20	1.0	0.1	0.8	0.2	—
11/05/2002	2:00 PM	0.5	<0.4	0	<0.4	0.1	—

Table G2. Raw data for filtered and particulate total mercury in water samples, Camp Far West Reservoir, California.—*Continued*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); C45, 0.45-micrometer capsule filter; Q, quartz fiber filter; s.d., standard deviation. ng/L, ft, foot; nanogram per liter; —, not determined]

Date	Time	Depth (ft)	Total mercury, filtered (Q) (ng/L) (50287)		Total mercury, filtered (Q) (ng/L) (50287)		Total mercury, filtered (Q) (ng/L) (50287)
			Boulder		Boulder		Wisconsin
			1 of 2	1 of 2	2 of 2	2 of 2	1 of 1
			Replicate	value	s.d.	value	s.d.
Site 1, LRS: Lower Reservoir, shallow (Camp Far West Reservoir 0.3 mile north of dam abutment)							
Station number 390317121185001							
10/30/2001	5:15 PM	10	0.9	0.2	0.7	0.1	—
02/12/2002	12:00 PM	8	2.8	0	3.1	0.2	—
04/22/2002	3:20 PM	10	1.6	0	1.4	0.3	—
08/06/2002	4:30 PM	10	—	—	—	—	—
04/15/2003	10:30 AM	40	—	—	—	—	1.44
Site 2, LRT: Lower Reservoir, thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)							
Station number 390307121183801							
11/01/2001	8:30 AM	70	2.3	0.1	2.6	0.1	—
02/12/2002	11:00 AM	140	3.1	0.1	3.3	0.1	—
04/22/2002	3:00 PM	140	1.9	0.1	1.9	0.1	—
08/08/2002	12:00 PM	45	—	—	—	—	—
08/08/2002	1:30 PM	113	—	—	—	—	—
11/04/2002	3:50 PM	10	—	—	—	—	0.67
11/04/2002	3:20 PM	55	—	—	—	—	0.48
01/29/2003	2:30 PM	10	—	—	—	—	2.31
01/28/2003	4:40 PM	140	—	—	—	—	2.65
04/16/2003	4:00 PM	150	—	—	—	—	1.22
08/05/2003	12:30 PM	1	—	—	—	—	0.67
08/05/2003	3:30 PM	73	—	—	—	—	—
08/05/2003	1:00 PM	120	—	—	—	—	—
Site 3, MRS: Middle Reservoir, shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)							
Station number 390244121171801							
10/29/2001	4:15 PM	6	0.6	0.1	0.5	0.1	—
02/12/2002	1:30 PM	60	2.7	0.1	2.8	0.1	—
04/22/2002	1:50 PM	10	1.5	0.1	1.4	0.1	—
04/15/2003	12:40 PM	32	—	—	—	—	1.37
Site 4, MRT: Middle Reservoir, thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)							
Station number 390238121173101							
10/29/2001	2:45 PM	50	0.9	0.1	1	0.1	—
02/13/2002	8:30 AM	120	4.1	0.1	3.8	0.1	—
04/22/2002	12:20 PM	120	1.9	0	1.9	0.1	—
08/07/2002	12:10 PM	10	—	—	—	—	—
08/07/2002	12:40 PM	47	—	—	—	—	—
08/08/2002	2:50 PM	80	—	—	—	—	—
11/05/2002	2:10 PM	10	—	—	—	—	0.44
11/05/2002	2:30 PM	30	—	—	—	—	0.66
01/29/2003	2:00 PM	10	—	—	—	—	2.52
01/28/2003	3:30 PM	120	—	—	—	—	2.63
04/17/2003	10:30 AM	125	—	—	—	—	1.47
08/07/2003	11:30 AM	1	—	—	—	—	—
08/07/2003	11:50 AM	100	—	—	—	—	0.92

Table G2. Raw data for filtered and particulate total mercury in water samples, Camp Far West Reservoir, California.—*Continued*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); C45, 0.45-micrometer capsule filter; Q, quartz fiber filter; s.d., standard deviation. ft, foot; ng/L, nanogram per liter; —, not determined]

Date	Time	Depth (ft)	Total mercury, filtered (Q) (ng/L) (50287)		Total mercury, filtered (Q) (ng/L (50287))		Total mercury, filtered (Q) (ng/L) (50287)	
			Laboratory Replicate	Boulder		Boulder		Wisconsin
				1 of 2 value	1 of 2 s.d.	2 of 2 value	2 of 2 s.d.	1 of 1 value
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)								
Station number 390202121162201								
10/31/2001	10:15 AM	12	1.3	0	1.1	0.1	—	
02/13/2002	9:00 AM	80	1.3	0.1	1.2	0.2	—	
04/22/2002	10:40 AM	80	1.7	0	1.7	0	—	
08/06/2002	5:50 PM	—	—	—	—	—	—	
08/06/2002	6:20 PM	—	—	—	—	—	—	
11/05/2002	4:10 PM	—	—	—	—	—	0.54	
01/29/2003	1:20 PM	—	—	—	—	—	2.92	
01/28/2003	2:50 PM	—	—	—	—	—	2.77	
04/17/2003	11:30 AM	—	—	—	—	—	2.02	
08/07/2003	10:00 AM	—	—	—	—	—	0.52	
08/06/2003	3:00 PM	—	—	—	—	—	3.11	
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)								
Station number 390159121171401								
10/31/2001	1:00 PM	4	0.6	0.1	0.7	0.1	—	
02/13/2002	1:00 PM	20	1.1	0.1	1.1	0.1	—	
04/23/2002	12:10 PM	20	1.3	0.1	1.2	0.2	—	
08/07/2002	6:50 PM	57	—	—	—	—	—	
01/30/2003	3:30 PM	55	—	—	—	—	3.01	
04/17/2003	2:30 PM	55	—	—	—	—	2.08	
08/07/2003	4:00 PM	1	—	—	—	—	0.49	
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)								
Station number 390331121174101								
08/07/2002	03:40 PM	10	—	—	—	—	—	
04/17/2003	01:20 PM	80	—	—	—	—	1.32	
08/07/2003	01:00 PM	1	—	—	—	—	—	
08/07/2003	01:30 PM	40	—	—	—	—	0.65	
Site 8, DFP: Dairy Farm Mine pit lake (Dairy Farm Mine pit lake near Wheatland)								
Station number 390148121171701								
10/31/2001	2:15 PM	1	5.2	0.2	5.3	0.2	—	
02/13/2002	3:10 PM	10	3.4	0.1	3.7	0.2	—	
02/13/2002	3:30 PM	35	3.2	0.1	3.2	0.1	—	
04/24/2002	11:10 AM	30	1	0	1.2	0	—	
08/07/2002	5:00 PM	0.5	—	—	—	—	—	
11/05/2002	2:50 PM	1	—	—	—	—	—	
01/30/2003	12:30 PM	10	—	—	—	—	2.53	
01/30/2003	1:20 PM	38	—	—	—	—	—	
04/17/2003	4:00 PM	40	—	—	—	—	0.23	
08/07/2003	4:30 PM	1	—	—	—	—	0.10	
Site 9, DFI: Dairy Farm Mine impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)								
Station number 390152121171001								
10/31/2001	2:40 PM	0.5	2.1	0.1	—	—	—	
02/13/2002	2:20 PM	52	3.6	0.3	3.4	0.1	—	
04/23/2002	1:10 PM	20	1.1	0.1	1.1	0.1	—	
11/05/2002	2:00 PM	0.5	—	—	—	—	—	

Table G2. Raw data for filtered and particulate total mercury in water samples, Camp Far West Reservoir, California—*Continued*.

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); C45, 0.45-micrometer capsule filter; Q, quartz fiber filter; s.d., standard deviation. ft, foot; ng/L, nanogram per liter; —, not determined]

Date	Time	Depth (ft)	Total mercury, particulate (Q) (ng/L)		Total mercury, particulate (Q) (ng/L)			
			Laboratory	Boulder		Boulder		
				Replicate	1 of 2	1 of 2	2 of 2	2 of 2
					value	s.d.	value	s.d.
Site 1, LRS: Lower Reservoir, shallow (Camp Far West Reservoir 0.3 mile north of dam abutment)								
Station number 390317121185001								
10/30/2001	5:15 PM	10	5.4	0.1	5.4	0.1		
02/12/2002	12:00 PM	8	1.9	0.02	—	—		
04/22/2002	3:20 PM	10	—	—	—	—		
08/06/2002	4:30 PM	10	—	—	—	—		
04/15/2003	10:30 AM	40	—	—	—	—		
Site 2, LRT: Lower Reservoir, thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)								
Station number 390307121183801								
11/01/2001	8:30 AM	70	9.6	0.2				
02/12/2002	11:00 AM	140	3.8	0.02				
04/22/2002	3:00 PM	140	2.4	0				
08/08/2002	12:00 PM	45	—	—	—	—		
08/08/2002	1:30 PM	113	—	—	—	—		
11/04/2002	3:50 PM	10	—	—	—	—		
11/04/2002	3:20 PM	55	—	—	—	—		
01/29/2003	2:30 PM	10	—	—	—	—		
01/28/2003	4:40 PM	140	—	—	—	—		
04/16/2003	4:00 PM	150	—	—	—	—		
08/05/2003	12:30 PM	1	—	—	—	—		
08/05/2003	3:30 PM	73	—	—	—	—		
08/05/2003	1:00 PM	120	—	—	—	—		
Site 3, MRS: Middle Reservoir, shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)								
Station number 390244121171801								
10/29/2001	4:15 PM	6	3.5	0.1	3.5	0.1		
02/12/2002	1:30 PM	60	2.7	0.03	2.8	—		
04/22/2002	1:50 PM	10	1.0	0	—	—		
04/15/2003	12:40 PM	32	—	—	—	—		
Site 4, MRT: Middle Reservoir, thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)								
Station number 390238121173101								
10/29/2001	2:45 PM	50	11.6	0.1	11.6	0.1		
02/13/2002	8:30 AM	120	3.3	0.04	—	—		
04/22/2002	12:20 PM	120	1.9	0	1.9	0		
08/07/2002	12:10 PM	10	—	—	—	—		
08/07/2002	12:40 PM	47	—	—	—	—		
08/08/2002	2:50 PM	80	—	—	—	—		
11/05/2002	2:10 PM	10	—	—	—	—		
11/05/2002	2:30 PM	30	—	—	—	—		
01/29/2003	2:00 PM	10	—	—	—	—		
01/28/2003	3:30 PM	120	—	—	—	—		
04/17/2003	10:30 AM	125	—	—	—	—		
08/07/2003	11:30 AM	1	—	—	—	—		
08/07/2003	11:50 AM	100	—	—	—	—		

Table G2. Raw data for filtered and particulate total mercury in water samples, Camp Far West Reservoir, California—*Continued*.

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); C45, 0.45-micrometer capsule filter; Q, quartz fiber filter; s.d., standard deviation. ft, foot; ng/L, nanogram per liter; —, not determined]

Date	Time	Depth (ft)	Total mercury, particulate (Q) (ng/L)		Total mercury, particulate (Q) (ng/L)	
			Laboratory		Boulder	
			Replicate		Boulder	
			1 of 2	1 of 2	2 of 2	2 of 2
			value	s.d.	value	s.d.
Site 1, LRS: Lower Reservoir, shallow (Camp Far West Reservoir 0.3 mile north of dam abutment)						
Station number 390317121185001						
10/30/2001	5:15 PM	10	5.4	0.1	5.4	0.1
02/12/2002	12:00 PM	8	1.9	0.02	—	—
04/22/2002	3:20 PM	10	—	—	—	—
08/06/2002	4:30 PM	10	—	—	—	—
04/15/2003	10:30 AM	40	—	—	—	—
Site 2, LRT: Lower Reservoir, thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)						
Station number 390307121183801						
11/01/2001	8:30 AM	70	9.6	0.2		
02/12/2002	11:00 AM	140	3.8	0.02		
04/22/2002	3:00 PM	140	2.4	0		
08/08/2002	12:00 PM	45	—	—	—	—
08/08/2002	1:30 PM	113	—	—	—	—
11/04/2002	3:50 PM	10	—	—	—	—
11/04/2002	3:20 PM	55	—	—	—	—
01/29/2003	2:30 PM	10	—	—	—	—
01/28/2003	4:40 PM	140	—	—	—	—
04/16/2003	4:00 PM	150	—	—	—	—
08/05/2003	12:30 PM	1	—	—	—	—
08/05/2003	3:30 PM	73	—	—	—	—
08/05/2003	1:00 PM	120	—	—	—	—
Site 3, MRS: Middle Reservoir, shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)						
Station number 390244121171801						
10/29/2001	4:15 PM	6	3.5	0.1	3.5	0.1
02/12/2002	1:30 PM	60	2.7	0.03	2.8	—
04/22/2002	1:50 PM	10	1.0	0	—	—
04/15/2003	12:40 PM	32	—	—	—	—
Site 4, MRT: Middle Reservoir, thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)						
Station number 390238121173101						
10/29/2001	2:45 PM	50	11.6	0.1	11.6	0.1
02/13/2002	8:30 AM	120	3.3	0.04	—	—
04/22/2002	12:20 PM	120	1.9	0	1.9	0
08/07/2002	12:10 PM	10	—	—	—	—
08/07/2002	12:40 PM	47	—	—	—	—
08/08/2002	2:50 PM	80	—	—	—	—
11/05/2002	2:10 PM	10	—	—	—	—
11/05/2002	2:30 PM	30	—	—	—	—
01/29/2003	2:00 PM	10	—	—	—	—
01/28/2003	3:30 PM	120	—	—	—	—
04/17/2003	10:30 AM	125	—	—	—	—
08/07/2003	11:30 AM	1	—	—	—	—
08/07/2003	11:50 AM	100	—	—	—	—

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Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California.

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average of three analyses from same bottle; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation of three analyses; <, less than]

Date	Time	Depth (ft)	Replicate	Aluminum (Al)		Arsenic (As)		Boron (B)		Barium (Ba)	
				µg/L (01104)		µg/L (01002)		µg/L (00999)		µg/L (01007)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	157	18	<60	14	<5	0	27	1
10/30/2001	5:15 PM	10	2 of 2	155	12	58	24	<5	2	27	1
02/12/2002	12:00 PM	8	1 of 2	101	0	<70	6	12	7	16	1
02/12/2002	12:00 PM	8	2 of 2	103	3	<70	15	12	4	13	2
04/22/2002	3:20 PM	10	1 of 2	59	3	<30	8	7	5	15	0
04/22/2002	3:20 PM	10	2 of 2	54	1	<30	29	12	11	13	0
08/06/2002	4:30 PM	10	1 of 2	62	4	<40	30	6	4	11	1
08/06/2002	4:30 PM	10	2 of 2	67	6	<40	36	6	3	12	1
04/15/2003	10:30 AM	40	1 of 2	1,320	81	<80	31	8	8	27	2
04/15/2003	10:30 AM	40	2 of 2	774	37	<80	38	<7	4	18	1
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	549	52	<30	9	<9	5	35	3
11/01/2001	8:30 AM	70	2 of 2	534	40	<30	14	<9	2	34	3
02/12/2002	11:00 AM	140	1 of 2	184	2	<70	19	27	30	19	1
02/12/2002	11:00 AM	140	2 of 2	188	2	<70	31	<5	4	17	0
04/22/2002	3:00 PM	140	1 of 2	207	0	<30	35	11	7	16	0
04/22/2002	3:00 PM	140	2 of 2	210	13	<30	18	5	2	15	0
08/08/2002	12:00 PM	45	1 of 2	52	5	<40	10	8	3	12	1
08/08/2002	12:00 PM	45	2 of 2	99	7	<40	32	7	2	13	0
08/08/2002	1:30 PM	113	1 of 2	93	2	<40	23	6	3	13	1
08/08/2002	1:30 PM	113	2 of 2	50	4	<40	33	7	4	12	0
11/04/2002	3:50 PM	10	1 of 2	535	0	<80	47	6	0	32	1
11/04/2002	3:50 PM	10	2 of 2	538	24	<80	43	9	4	32	1
11/04/2002	3:20 PM	55	1 of 2	406	2	<80	12	8	0	26	2
11/04/2002	3:20 PM	55	2 of 2	404	12	<80	27	8	2	27	0
01/29/2003	2:30 PM	10	1 of 2	64	4	<50	51	8	1	14	0
01/29/2003	2:30 PM	10	2 of 2	61	3	61	44	8	4	14	0
01/28/2003	4:40 PM	140	1 of 2	110	8	<50	8	<6	4	13	1
01/28/2003	4:40 PM	140	2 of 2	108	3	<50	23	7	2	13	0
04/16/2003	4:00 PM	150	1 of 2	85	8	<80	41	<7	2	13	1
04/16/2003	4:00 PM	150	2 of 2	86	6	<80	24	<7	1	13	1
08/05/2003	12:30 PM	1	1 of 2	57	5	<40	26	<10	10	11	1
08/05/2003	12:30 PM	1	2 of 2	60	3	<40	14	<10	11	11	1
08/05/2003	3:30 PM	73	1 of 2	106	11	<40	28	<10	7	16	2
08/05/2003	3:30 PM	73	2 of 2	110	12	<40	7	<10	5	15	2
08/05/2003	1:00 PM	120	1 of 2	77	9	<40	28	<10	14	14	2
08/05/2003	1:00 PM	120	2 of 2	66	5	<40	12	<10	1	13	1

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Aluminum (Al) µg/L (01104)		Arsenic (As) µg/L (01002)		Boron (B) µg/L (00999)		Barium (Ba) µg/L (01007)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	86	10	<60	22	<5	3	24	1
10/29/2001	4:15 PM	6	2 of 2	87	9	<60	34	5	5	24	1
02/12/2002	1:30 PM	60	1 of 2	119	0	<70	8	12	4	15	1
02/12/2002	1:30 PM	60	2 of 2	104	2	<70	5	17	13	17	0
04/22/2002	1:50 PM	10	1 of 2	63	3	<30	18	5	1	13	1
04/22/2002	1:50 PM	10	2 of 2	66	3	<30	32	4	7	13	0
04/15/2003	12:40 PM	32	1 of 2	53	5	<80	26	<7	2	13	1
04/15/2003	12:40 PM	32	2 of 2	67	6	<80	24	<7	4	13	1
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	581	47	<60	36	<5	3	36	1
10/29/2001	2:45 PM	50	2 of 2	592	35	<60	50	<5	2	36	0
02/13/2002	8:30 AM	120	1 of 2	177	4	<70	19	18	12	16	0
02/13/2002	8:30 AM	120	2 of 2	176	3	<70	38	42	7	16	2
04/22/2002	12:20 PM	120	1 of 2	219	2	<30	12	10	7	15	0
04/22/2002	12:20 PM	120	2 of 2	219	10	<30	3	6	2	15	1
08/07/2002	12:10 PM	10	1 of 2	70	8	<40	31	7	5	13	1
08/07/2002	12:10 PM	10	2 of 2	73	3	<40	8	<4	0	15	0
08/07/2002	12:40 PM	47	1 of 2	93	9	<40	6	4	2	14	1
08/07/2002	12:40 PM	47	2 of 2	91	4	<40	41	4	1	14	1
08/08/2002	2:50 PM	80	1 of 2	111	12	<40	5	6	4	15	1
08/08/2002	2:50 PM	80	2 of 2	108	7	<40	24	5	2	14	1
11/05/2002	2:30 PM	10	1 of 2	312	15	<80	23	10	5	24	1
11/05/2002	2:30 PM	10	2 of 2	315	6	<80	57	11	2	24	0
11/05/2002	2:10 PM	30	1 of 2	721	77	<80	31	10	2	29	2
11/05/2002	2:10 PM	30	2 of 2	735	41	<80	24	12	4	29	3
01/29/2003	2:00 PM	10	1 of 2	77	3	<50	10	9	5	14	0
01/29/2003	2:00 PM	10	2 of 2	78	4	<50	67	6	1	14	1
01/28/2003	3:30 PM	120	1 of 2	105	9	<50	12	6	5	13	0
01/28/2003	3:30 PM	120	2 of 2	105	6	<50	76	8	2	13	0
04/17/2003	10:30 AM	125	1 of 2	102	9	<80	40	<7	7	14	1
04/17/2003	10:30 AM	125	2 of 2	102	9	<80	20	11	5	15	1
08/07/2003	11:30 AM	1	1 of 2	72	1	<40	22	<10	5	11	1
08/07/2003	11:30 AM	1	2 of 2	71	4	<40	21	<10	7	11	1
08/07/2003	11:50 AM	100	1 of 2	115	7	<40	25	<10	8	13	1
08/07/2003	11:50 AM	100	2 of 2	121	13	<40	20	<10	10	14	2

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Aluminum		Arsenic		Boron		Barium	
				(Al)		(As)		(B)		(Ba)	
				µg/L (01104)		µg/L (01002)		µg/L (00999)		µg/L (01007)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)											
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	171	14	<60	15	<5	1	29	1
10/31/2001	10:15 AM	12	2 of 2	141	12	<60	4	<5	1	28	1
02/13/2002	9:00 AM	80	1 of 2	186	2	<70	8	5	5	15	0
02/13/2002	9:00 AM	80	2 of 2	182	6	<70	22	5	6	17	2
04/22/2002	10:40 AM	80	1 of 2	197	15	<30	18	6	4	15	1
04/22/2002	10:40 AM	80	2 of 2	181	13	<30	16	7	5	15	0
08/06/2002	5:50 PM	10	1 of 2	73	4	<40	35	8	3	13	1
08/06/2002	5:50 PM	10	2 of 2	73	5	<40	36	7	3	13	1
08/06/2002	6:20 PM	55	1 of 2	127	1	45	14	9	5	15	1
08/06/2002	6:20 PM	55	2 of 2	137	9	37	30	7	2	15	0
11/05/2002	4:10 PM	7	1 of 2	326	3	<80	21	10	2	25	3
11/05/2002	4:10 PM	7	2 of 2	319	3	<80	47	12	3	26	0
01/29/2003	1:20 PM	10	1 of 2	73	6	78	23	<6	2	13	0
01/29/2003	1:20 PM	10	2 of 2	73	3	61	30	<6	3	13	1
01/28/2003	2:50 PM	85	1 of 2	88	6	<50	51	<6	2	13	0
01/28/2003	2:50 PM	85	2 of 2	93	7	<50	30	<6	2	13	0
04/17/2003	11:30 AM	90	1 of 2	155	14	<80	30	<7	4	14	1
04/17/2003	11:30 AM	90	2 of 2	158	12	<80	10	<7	8	14	1
08/07/2003	10:00 AM	1	1 of 2	95	9	<40	18	<10	6	13	1
08/07/2003	10:00 AM	1	2 of 2	93	8	<40	16	<10	3	13	1
08/06/2003	3:00 PM	100	1 of 2	1,320	29	<40	21	11	12	34	2
08/06/2003	3:00 PM	100	2 of 2	1,270	142	<40	13	<10	6	33	3
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	127	6	<60	36	<5	4	25	1
10/31/2001	1:00 PM	4	2 of 2	128	11	<60	28	<5	2	25	1
02/13/2002	1:00 PM	20	1 of 2	145	2	<70	14	18	14	16	2
02/13/2002	1:00 PM	20	2 of 2	144	5	<70	11	10	2	16	2
04/23/2002	12:10 PM	20	1 of 2	78	2	<30	12	20	1	14	1
04/23/2002	12:10 PM	20	2 of 2	81	2	<30	15	<3	5	14	0
08/07/2002	6:50 PM	57	1 of 2	161	6	<40	8	7	7	15	1
08/07/2002	6:50 PM	57	2 of 2	169	1	50	34	6	2	16	1
01/30/2003	3:30 PM	55	1 of 2	114	3	<50	31	<6	2	13	0
01/30/2003	3:30 PM	55	2 of 2	118	5	<50	39	10	4	13	0
04/17/2003	2:30 PM	55	1 of 2	211	20	<80	14	<7	4	15	1
04/17/2003	2:30 PM	55	2 of 2	216	14	<80	42	<7	7	15	1
08/07/2003	4:00 PM	1	1 of 2	144	9	<40	12	<10	5	13	1
08/07/2003	4:00 PM	1	2 of 2	145	9	<40	14	<10	13	13	1

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Aluminum (Al) µg/L (01104)		Arsenic (As) µg/L (01002)		Boron (B) µg/L (00999)		Barium (Ba) µg/L (01007)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	71	2	<40	5	5	2	12	1
08/07/2002	3:40 PM	10	2 of 2	74	8	<40	49	6	2	12	1
04/17/2003	1:20 PM	80	1 of 2	119	10	<80	36	<7	3	15	1
04/17/2003	1:20 PM	80	2 of 2	133	10	<80	16	<7	1	14	1
08/07/2003	1:00 PM	1	1 of 2	137	24	<40	13	<10	5	12	1
08/07/2003	1:00 PM	1	2 of 2	102	3	<40	22	<10	5	12	1
08/07/2003	1:30 PM	40	1 of 2	178	4	<40	0	<10	6	15	1
08/07/2003	1:30 PM	40	2 of 2	179	4	<40	11	<10	2	16	1
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	31,709	1,880	<60	10	<5	2	36	1
10/31/2001	2:15 PM	1	2 of 2	31,481	842	<60	18	<5	4	37	1
02/13/2002	3:10 PM	10	1 of 2	135	1	<70	4	8	3	17	0
02/13/2002	3:10 PM	10	2 of 2	135	3	<70	51	10	5	16	1
02/13/2002	3:30 PM	35	1of 1	338	2	<70	17	8	2	17	1
04/24/2002	11:10 AM	30	1 of 2	138	6	<30	15	5	5	16	1
04/24/2002	11:10 AM	30	2 of 2	136	3	<30	7	5	3	16	1
08/07/2002	5:00 PM	1	1 of 2	3,350	430	<40	34	9	2	62	0
08/07/2002	5:00 PM	1	2 of 2	3,350	229	<40	15	8	2	58	0
11/05/2002	2:50 PM	0	1 of 2	17,700	1,082	<80	7	14	1	40	1
11/05/2002	2:50 PM	0	2 of 2	17,500	1,207	<80	34	13	2	39	0
01/30/2003	12:30 PM	10	1 of 2	69	5	62	32	8	3	14	1
01/30/2003	12:30 PM	10	2 of 2	67	5	<50	32	9	4	14	1
01/30/2003	1:20 PM	38	1 of 2	2,950	56	83	8	13	5	33	0
01/30/2003	1:20 PM	38	2 of 2	2,910	163	<50	25	13	3	33	0
04/17/2003	4:00 PM	40	1 of 2	4,860	280	<80	26	<7	4	24	2
04/17/2003	4:00 PM	40	2 of 2	4,880	368	<80	51	<7	2	24	1
08/07/2003	4:30 PM	1	1 of 2	146	5	<40	14	<10	8	54	5
08/07/2003	4:30 PM	1	2 of 2	139	8	<40	19	<10	3	54	5
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1of 1	3,818	429	<30	4	<9	7	33	3
02/13/2002	2:20 PM	52	1 of 2	278	1	<70	30	9	2	18	0
02/13/2002	2:20 PM	52	2 of 2	287	1	<70	13	<5	5	17	1
04/23/2002	1:10 PM	20	1 of 2	72	6	<30	6	5	5	13	1
04/23/2002	1:10 PM	20	2 of 2	73	6	<30	6	12	11	13	0
11/05/2002	2:00 PM	1	1 of 2	28,800	2,679	<80	38	19	4	25	1
11/05/2002	2:00 PM	1	2 of 2	28,200	2,204	<80	56	18	1	24	2

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Beryllium (Be)		Bismuth (Bi)		Calcium (Ca)		Cadmium (Cd)	
				µg/L		µg/L		µg/L		µg/L	
				(00998)		(01017)		(00916)		(01027)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	<0.02	0.01	<0.02	0.00	13	0	<0.03	0.01
10/30/2001	5:15 PM	10	2 of 2	<0.02	0.01	<0.02	0.00	13	1	<0.03	0.01
02/12/2002	12:00 PM	8	1 of 2	<0.04	0.00	0.036	0.017	9.8	0.9	<0.04	0.05
02/12/2002	12:00 PM	8	2 of 2	<0.04	0.02	0.044	0.013	7.8	0.6	0.11	0.09
04/22/2002	3:20 PM	10	1 of 2	<0.04	0.02	0.063	0.006	7.2	0.0	0.03	0.02
04/22/2002	3:20 PM	10	2 of 2	<0.04	0.01	0.057	0.019	7.8	0.7	<0.02	0.02
08/06/2002	4:30 PM	10	1 of 2	<0.07	0.01	0.046	0.022	7.6	0.5	<0.03	0.01
08/06/2002	4:30 PM	10	2 of 2	<0.07	0.04	0.042	0.008	7.8	0.4	<0.03	0.02
04/15/2003	10:30 AM	40	1 of 2	<0.05	0.02	0.021	0.022	7.2	0.5	0.10	0.03
04/15/2003	10:30 AM	40	2 of 2	<0.05	0.03	<0.01	0.01	7.2	0.4	0.06	0.03
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	<0.04	0.02	<0.04	0.01	13	1	<0.05	0.04
11/01/2001	8:30 AM	70	2 of 2	<0.04	0.01	<0.04	0.01	13	1	<0.05	0.02
02/12/2002	11:00 AM	140	1 of 2	<0.04	0.02	0.14	0.02	8.8	0.2	0.05	0.12
02/12/2002	11:00 AM	140	2 of 2	<0.04	0.03	0.12	0.01	8.6	0.4	0.06	0.07
04/22/2002	3:00 PM	140	1 of 2	<0.04	0.02	0.055	0.014	7.8	0.4	<0.02	0.01
04/22/2002	3:00 PM	140	2 of 2	<0.04	0.02	0.044	0.011	8.1	0.8	0.05	0.04
08/08/2002	12:00 PM	45	1 of 2	<0.07	0.01	0.049	0.014	8.2	0.6	<0.03	0.01
08/08/2002	12:00 PM	45	2 of 2	<0.07	0.03	0.035	0.000	6.8	0.5	0.04	0.02
08/08/2002	1:30 PM	113	1 of 2	0.09	0.00	0.048	0.007	6.5	0.5	0.04	0.00
08/08/2002	1:30 PM	113	2 of 2	<0.07	0.02	0.054	0.030	8.1	0.6	0.07	0.01
11/04/2002	3:50 PM	10	1 of 2	<0.03	0.03	0.038	0.005	11	1	0.04	0.02
11/04/2002	3:50 PM	10	2 of 2	<0.03	0.04	0.040	0.003	11	1	0.03	0.00
11/04/2002	3:20 PM	55	1 of 2	<0.03	0.01	0.047	0.010	11	1	0.02	0.02
11/04/2002	3:20 PM	55	2 of 2	0.03	0.01	0.096	0.078	11	1	0.03	0.01
01/29/2003	2:30 PM	10	1 of 2	<0.06	0.02	0.035	0.000	8.3	0.2	0.01	0.00
01/29/2003	2:30 PM	10	2 of 2	<0.06	0.02	0.051	0.026	8.5	0.2	0.02	0.01
01/28/2003	4:40 PM	140	1 of 2	<0.06	0.04	0.037	0.009	5.9	0.5	0.02	0.00
01/28/2003	4:40 PM	140	2 of 2	<0.06	0.04	0.038	0.003	6.2	0.7	0.03	0.03
04/16/2003	4:00 PM	150	1 of 2	<0.05	0.04	<0.01	0.00	6.5	0.5	0.12	0.03
04/16/2003	4:00 PM	150	2 of 2	<0.05	0.03	<0.01	0.00	6.5	0.4	0.04	0.00
08/05/2003	12:30 PM	1	1 of 2	<0.08	0.01	<0.01	0.00	6.9	0.7	0.04	0.03
08/05/2003	12:30 PM	1	2 of 2	<0.08	0.02	<0.01	0.00	6.9	0.9	0.04	0.04
08/05/2003	3:30 PM	73	1 of 2	<0.08	0.01	<0.01	0.00	6.7	0.6	0.06	0.04
08/05/2003	3:30 PM	73	2 of 2	<0.08	0.01	<0.01	0.00	6.7	0.6	0.06	0.04
08/05/2003	1:00 PM	120	1 of 2	<0.08	0.00	<0.01	0.01	7.7	0.7	0.07	0.01
08/05/2003	1:00 PM	120	2 of 2	<0.08	0.01	0.01	0.01	7.6	0.9	0.04	0.02

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Beryllium (Be)		Bismuth (Bi)		Calcium (Ca)		Cadmium (Cd)	
				µg/L (00998)		µg/L (01017)		µg/L (00916)		µg/L (01027)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	<0.02	0.01	<0.02	0.01	14	1	<0.03	0.03
10/29/2001	4:15 PM	6	2 of 2	<0.02	0.02	<0.02	0.00	13	0	<0.03	0.04
02/12/2002	1:30 PM	60	1 of 2	<0.04	0.06	0.037	0.007	8.7	0.3	<0.04	0.01
02/12/2002	1:30 PM	60	2 of 2	<0.04	0.01	0.072	0.004	9.6	0.4	<0.04	0.07
04/22/2002	1:50 PM	10	1 of 2	<0.04	0.04	0.055	0.013	7.5	0.8	<0.02	0.02
04/22/2002	1:50 PM	10	2 of 2	<0.04	0.03	0.044	0.002	7.6	0.5	<0.02	0.01
04/15/2003	12:40 PM	32	1 of 2	<0.05	0.03	<0.01	0.00	7.1	0.5	0.05	0.01
04/15/2003	12:40 PM	32	2 of 2	<0.05	0.00	<0.01	0.01	6.7	0.2	0.04	0.02
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	0.03	0.02	<0.02	0.00	13	0	<0.03	0.01
10/29/2001	2:45 PM	50	2 of 2	0.03	0.02	<0.02	0.00	14	0	<0.03	0.01
02/13/2002	8:30 AM	120	1 of 2	<0.04	0.01	0.050	0.009	8.1	0.4	0.06	0.01
02/13/2002	8:30 AM	120	2 of 2	<0.04	0.02	0.043	0.021	8.1	0.5	0.07	0.04
04/22/2002	12:20 PM	120	1 of 2	<0.04	0.03	0.061	0.018	8.1	0.7	<0.02	0.01
04/22/2002	12:20 PM	120	2 of 2	<0.04	0.01	0.056	0.015	8.0	0.6	0.08	0.01
08/07/2002	12:10 PM	10	1 of 2	<0.07	0.01	0.049	0.010	7.7	0.5	0.03	0.03
08/07/2002	12:10 PM	10	2 of 2	<0.07	0.01	0.059	0.010	7.7	0.7	<0.03	0.02
08/07/2002	12:40 PM	47	1 of 2	<0.07	0.02	0.052	0.006	7.0	0.8	0.07	0.02
08/07/2002	12:40 PM	47	2 of 2	<0.07	0.01	0.045	0.015	7.1	0.5	0.11	0.01
08/08/2002	2:50 PM	80	1 of 2	<0.07	0.03	0.040	0.011	7.9	0.7	0.05	0.03
08/08/2002	2:50 PM	80	2 of 2	<0.07	0.03	0.048	0.021	7.6	0.2	<0.03	0.00
11/05/2002	2:30 PM	10	1 of 2	<0.03	0.02	0.038	0.005	11	1	0.04	0.01
11/05/2002	2:30 PM	10	2 of 2	<0.03	0.01	0.050	0.019	11	1	<0.02	0.00
11/05/2002	2:10 PM	30	1 of 2	0.04	0.02	0.043	0.013	12	1	0.04	0.01
11/05/2002	2:10 PM	30	2 of 2	<0.03	0.01	0.048	0.010	12	1	0.06	0.01
01/29/2003	2:00 PM	10	1 of 2	<0.06	0.01	0.041	0.007	7.3	0.5	0.04	0.01
01/29/2003	2:00 PM	10	2 of 2	<0.06	0.02	0.053	0.014	7.0	0.3	0.02	0.02
01/28/2003	3:30 PM	120	1 of 2	<0.06	0.01	0.047	0.022	6.4	0.7	0.03	0.00
01/28/2003	3:30 PM	120	2 of 2	<0.06	0.04	0.037	0.005	6.6	0.8	<0.01	0.01
04/17/2003	10:30 AM	125	1 of 2	<0.05	0.02	<0.01	0.00	6.7	0.2	0.06	0.00
04/17/2003	10:30 AM	125	2 of 2	<0.05	0.04	0.011	0.015	6.8	0.5	0.07	0.03
08/07/2003	11:30 AM	1	1 of 2	<0.08	0.03	<0.01	0.00	6.9	0.6	0.03	0.03
08/07/2003	11:30 AM	1	2 of 2	<0.08	0.00	<0.01	0.00	6.8	0.7	0.04	0.02
08/07/2003	11:50 AM	100	1 of 2	<0.08	0.01	<0.01	0.01	7.8	0.9	0.07	0.00
08/07/2003	11:50 AM	100	2 of 2	<0.08	0.02	<0.01	0.01	7.9	0.9	0.09	0.02

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Beryllium (Be)		Bismuth (Bi)		Calcium (Ca)		Cadmium (Cd)	
				µg/L (00998)		µg/L (01017)		µg/L (00916)		µg/L (01027)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)											
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	<0.02	0.02	<0.02	0.00	13	0	<0.03	0.01
10/31/2001	10:15 AM	12	2 of 2	<0.02	0.02	<0.02	0.00	13	0	<0.03	0.02
02/13/2002	9:00 AM	80	1 of 2	<0.04	0.02	0.041	0.030	7.0	0.0	<0.04	0.05
02/13/2002	9:00 AM	80	2 of 2	<0.04	0.03	0.040	0.025	7.8	0.6	<0.04	0.04
04/22/2002	10:40 AM	80	1 of 2	<0.04	0.02	0.070	0.026	7.3	0.8	<0.02	0.00
04/22/2002	10:40 AM	80	2 of 2	<0.04	0.02	0.055	0.010	7.4	0.7	0.03	0.01
08/06/2002	5:50 PM	10	1 of 2	<0.07	0.06	0.060	0.003	8.0	0.5	0.04	0.01
08/06/2002	5:50 PM	10	2 of 2	<0.07	0.02	0.065	0.017	7.9	0.6	<0.03	0.00
08/06/2002	6:20 PM	55	1 of 2	<0.07	0.05	0.058	0.024	7.9	0.6	<0.03	0.02
08/06/2002	6:20 PM	55	2 of 2	<0.07	0.02	0.039	0.008	7.9	0.4	<0.03	0.01
11/05/2002	4:10 PM	7	1 of 2	<0.03	0.06	0.056	0.018	12	1	0.06	0.02
11/05/2002	4:10 PM	7	2 of 2	0.05	0.02	0.048	0.012	11	1	0.04	0.01
01/29/2003	1:20 PM	10	1 of 2	<0.06	0.02	0.044	0.005	5.8	0.5	<0.01	0.02
01/29/2003	1:20 PM	10	2 of 2	<0.06	0.01	0.022	0.003	5.8	0.7	<0.01	0.00
01/28/2003	2:50 PM	85	1 of 2	<0.06	0.02	0.045	0.016	6.4	0.4	0.02	0.01
01/28/2003	2:50 PM	85	2 of 2	<0.06	0.02	0.046	0.005	6.7	1.0	<0.01	0.02
04/17/2003	11:30 AM	90	1 of 2	<0.05	0.02	<0.01	0.01	6.8	0.5	0.11	0.02
04/17/2003	11:30 AM	90	2 of 2	<0.05	0.03	<0.01	0.00	6.7	0.6	0.09	0.02
08/07/2003	10:00 AM	1	1 of 2	<0.08	0.02	0.02	0.00	7.2	1.0	0.04	0.02
08/07/2003	10:00 AM	1	2 of 2	<0.08	0.02	<0.01	0.00	7.2	0.8	0.09	0.01
08/06/2003	3:00 PM	100	1 of 2	<0.08	0.04	0.04	0.02	8.6	1.1	0.15	0.03
08/06/2003	3:00 PM	100	2 of 2	<0.08	0.01	0.02	0.02	8.5	1.0	0.11	0.02
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	<0.02	0.01	<0.02	0.01	14	0	<0.03	0.03
10/31/2001	1:00 PM	4	2 of 2	<0.02	0.02	<0.02	0.00	14	0	<0.03	0.03
02/13/2002	1:00 PM	20	1 of 2	<0.04	0.01	0.040	0.028	8.2	0.2	<0.04	0.09
02/13/2002	1:00 PM	20	2 of 2	<0.04	0.01	0.088	0.056	9.0	0.6	0.07	0.02
04/23/2002	12:10 PM	20	1 of 2	<0.04	0.04	0.054	0.025	7.8	0.4	0.24	0.07
04/23/2002	12:10 PM	20	2 of 2	<0.04	0.00	0.058	0.032	7.9	0.6	1.7	0.5
08/07/2002	6:50 PM	57	1 of 2	<0.07	0.03	0.039	0.002	7.7	0.8	0.09	0.02
08/07/2002	6:50 PM	57	2 of 2	<0.07	0.03	0.047	0.011	8.0	0.3	0.10	0.01
01/30/2003	3:30 PM	55	1 of 2	<0.06	0.02	0.045	0.024	7.1	1.2	0.06	0.02
01/30/2003	3:30 PM	55	2 of 2	<0.06	0.03	0.045	0.007	6.8	0.5	0.03	0.02
04/17/2003	2:30 PM	55	1 of 2	<0.05	0.02	<0.01	0.00	7.6	0.3	0.16	0.04
04/17/2003	2:30 PM	55	2 of 2	<0.05	0.02	0.014	0.008	7.5	0.3	0.13	0.01
08/07/2003	4:00 PM	1	1 of 2	<0.08	0.02	<0.01	0.01	7.1	0.6	0.12	0.01
08/07/2003	4:00 PM	1	2 of 2	<0.08	0.02	<0.01	0.00	7.1	0.7	0.07	0.02

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued*.

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Beryllium (Be)		Bismuth (Bi)		Calcium (Ca)		Cadmium (Cd)	
				µg/L (00998)		µg/L (01017)		µg/L (00916)		µg/L (01027)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	<0.07	0.02	0.050	0.014	7.7	0.7	<0.03	0.01
08/07/2002	3:40 PM	10	2 of 2	<0.07	0.03	0.052	0.023	7.6	0.3	<0.03	0.01
04/17/2003	1:20 PM	80	1 of 2	<0.05	0.01	<0.01	0.00	7.1	0.6	0.03	0.03
04/17/2003	1:20 PM	80	2 of 2	<0.05	0.01	<0.01	0.00	6.9	0.4	0.05	0.02
08/07/2003	1:00 PM	1	1 of 2	<0.08	0.03	0.01	0.00	7.0	0.4	0.02	0.01
08/07/2003	1:00 PM	1	2 of 2	<0.08	0.02	<0.01	0.00	7.0	0.8	0.06	0.02
08/07/2003	1:30 PM	40	1 of 2	<0.08	0.02	<0.01	0.00	6.2	0.8	0.08	0.03
08/07/2003	1:30 PM	40	2 of 2	<0.08	0.01	0.02	0.01	6.3	0.7	0.02	0.00
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	0.56	0.11	0.09	0.02	37	1	18	0
10/31/2001	2:15 PM	1	2 of 2	0.52	0.02	0.08	0.02	38	0	17	1
02/13/2002	3:10 PM	10	1 of 2	<0.04	0.05	0.032	0.007	9.2	0.4	<0.04	0.04
02/13/2002	3:10 PM	10	2 of 2	0.07	0.02	0.030	0.005	9.1	0.5	<0.04	0.01
02/13/2002	3:30 PM	35	1of 1	<0.04	0.02	0.040	0.027	9.0	0.2	0.27	0.06
04/24/2002	11:10 AM	30	1 of 2	<0.04	0.02	0.055	0.010	6.8	0.8	0.09	0.01
04/24/2002	11:10 AM	30	2 of 2	<0.04	0.02	0.048	0.010	7.0	0.7	0.09	0.02
08/07/2002	5:00 PM	1	1 of 2	0.12	0.02	0.060	0.013	13	1	4.0	0.1
08/07/2002	5:00 PM	1	2 of 2	<0.07	0.02	0.058	0.011	13	1	3.9	0.0
11/05/2002	2:50 PM	0	1 of 2	0.40	0.01	0.049	0.009	26	2	9.6	0.2
11/05/2002	2:50 PM	0	2 of 2	0.50	0.04	0.048	0.005	25	2	9.5	0.3
01/30/2003	12:30 PM	10	1 of 2	<0.06	0.03	0.037	0.008	7.5	0.7	0.05	0.01
01/30/2003	12:30 PM	10	2 of 2	<0.06	0.02	0.049	0.019	7.2	0.8	0.04	0.01
01/30/2003	1:20 PM	38	1 of 2	0.09	0.03	0.037	0.002	11	1	3.0	0.1
01/30/2003	1:20 PM	38	2 of 2	0.07	0.00	0.095	0.056	10	0	3.0	0.1
04/17/2003	4:00 PM	40	1 of 2	0.09	0.03	<0.01	0.01	9.9	0.4	3.0	0.1
04/17/2003	4:00 PM	40	2 of 2	0.09	0.04	<0.01	0.00	9.8	0.5	2.8	0.1
08/07/2003	4:30 PM	1	1 of 2	<0.08	0.02	<0.01	0.00	8.2	0.9	1.3	0.0
08/07/2003	4:30 PM	1	2 of 2	<0.08	0.03	0.02	0.00	8.3	0.9	1.1	0.0
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1of 1	0.18	0.04	<0.04	0.00	42	1	33	3
02/13/2002	2:20 PM	52	1 of 2	0.06	0.10	0.036	0.013	9.7	0.0	0.11	0.04
02/13/2002	2:20 PM	52	2 of 2	<0.04	0.02	0.025	0.012	9.5	0.4	0.22	0.09
04/23/2002	1:10 PM	20	1 of 2	<0.04	0.02	0.053	0.008	7.5	0.3	<0.02	0.02
04/23/2002	1:10 PM	20	2 of 2	<0.04	0.01	0.059	0.024	7.8	0.7	0.05	0.04
11/05/2002	2:00 PM	1	1 of 2	1.1	0.1	0.053	0.017	123	11	148	1
11/05/2002	2:00 PM	1	2 of 2	1.00	0.06	0.037	0.004	121	10	143	11

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Cerium (Ce)		Cobalt (Co)		Chromium (Cr)		Cesium (Cs)	
				µg/L (01112)		µg/L (01037)		µg/L (01034)		µg/L (01117)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	0.17	0.02	0.16	0.02	3	2	0.19	0.07
10/30/2001	5:15 PM	10	2 of 2	0.17	0.02	0.16	0.01	<3	1	0.11	0.01
02/12/2002	12:00 PM	8	1 of 2	0.091	0.000	0.11	0.01	<3	0	<0.03	0.03
02/12/2002	12:00 PM	8	2 of 2	0.095	0.004	<0.05	0.02	<3	2	0.04	0.02
04/22/2002	3:20 PM	10	1 of 2	0.060	0.002	0.06	0.01	<2	1	<0.05	0.01
04/22/2002	3:20 PM	10	2 of 2	0.056	0.004	0.06	0.01	<2	1	<0.05	0.01
08/06/2002	4:30 PM	10	1 of 2	0.047	0.004	0.10	0.00	<2	2	0.18	0.02
08/06/2002	4:30 PM	10	2 of 2	0.051	0.003	0.09	0.01	<2	1	0.10	0.02
04/15/2003	10:30 AM	40	1 of 2	1.1	0.0	2.9	0.1	<3	2	0.04	0.01
04/15/2003	10:30 AM	40	2 of 2	0.52	0.00	1.4	0.1	<3	2	0.02	0.01
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	0.57	0.02	2.3	0.3	<2	1	<0.04	0.02
11/01/2001	8:30 AM	70	2 of 2	0.58	0.04	2.4	0.0	<2	2	<0.04	0.00
02/12/2002	11:00 AM	140	1 of 2	2.5	0.0	0.10	0.01	<3	2	0.04	0.03
02/12/2002	11:00 AM	140	2 of 2	0.17	0.01	0.18	0.01	4	1	0.09	0.02
04/22/2002	3:00 PM	140	1 of 2	0.15	0.00	0.13	0.01	<2	1	<0.05	0.02
04/22/2002	3:00 PM	140	2 of 2	0.14	0.00	0.12	0.01	<2	1	<0.05	0.01
08/08/2002	12:00 PM	45	1 of 2	0.046	0.005	0.13	0.00	<2	2	<0.03	0.01
08/08/2002	12:00 PM	45	2 of 2	0.083	0.009	0.14	0.02	<2	1	<0.03	0.01
08/08/2002	1:30 PM	113	1 of 2	0.078	0.004	0.13	0.02	<2	1	<0.03	0.01
08/08/2002	1:30 PM	113	2 of 2	0.049	0.006	0.13	0.00	<2	0	0.09	0.01
11/04/2002	3:50 PM	10	1 of 2	0.57	0.00	1.0	0.0	<3	1	<0.08	0.04
11/04/2002	3:50 PM	10	2 of 2	0.58	0.00	1.0	0.1	<3	2	<0.08	0.00
11/04/2002	3:20 PM	55	1 of 2	0.39	0.02	0.48	0.03	<3	1	<0.08	0.01
11/04/2002	3:20 PM	55	2 of 2	0.41	0.01	0.46	0.02	<3	2	<0.08	0.01
01/29/2003	2:30 PM	10	1 of 2	0.099	0.006	0.086	0.005	<2	1	<0.06	0.03
01/29/2003	2:30 PM	10	2 of 2	0.098	0.006	0.075	0.010	<2	1	<0.06	0.01
01/28/2003	4:40 PM	140	1 of 2	0.20	0.00	0.14	0.02	<2	0	0.31	0.02
01/28/2003	4:40 PM	140	2 of 2	0.18	0.00	0.14	0.01	<2	1	<0.06	0.03
04/16/2003	4:00 PM	150	1 of 2	0.095	0.006	0.08	0.02	<3	1	0.03	0.01
04/16/2003	4:00 PM	150	2 of 2	0.11	0.01	0.07	0.02	<3	1	<0.01	0.00
08/05/2003	12:30 PM	1	1 of 2	0.043	0.003	<0.1	0.0	<2	0	0.12	0.02
08/05/2003	12:30 PM	1	2 of 2	0.046	0.005	<0.1	0.0	<2	0	0.06	0.01
08/05/2003	3:30 PM	73	1 of 2	0.099	0.002	0.10	0.01	<2	1	<0.04	0.02
08/05/2003	3:30 PM	73	2 of 2	0.098	0.010	0.10	0.01	<2	1	<0.04	0.01
08/05/2003	1:00 PM	120	1 of 2	0.065	0.010	0.19	0.02	<2	1	<0.04	0.01
08/05/2003	1:00 PM	120	2 of 2	0.064	0.005	0.16	0.02	<2	1	<0.04	0.02

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued*.

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Cerium (Ce)		Cobalt (Co)		Chromium (Cr)		Cesium (Cs)	
				µg/L (01112)		µg/L (01037)		µg/L (01034)		µg/L (01117)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	0.14	0.03	0.10	0.01	<3	1	<0.02	0.04
10/29/2001	4:15 PM	6	2 of 2	0.100	0.008	0.10	0.02	<3	1	<0.02	0.03
02/12/2002	1:30 PM	60	1 of 2	0.11	0.01	<0.05	0.01	<3	2	0.04	0.01
02/12/2002	1:30 PM	60	2 of 2	0.089	0.000	<0.05	0.01	<3	1	0.04	0.01
04/22/2002	1:50 PM	10	1 of 2	0.077	0.004	0.07	0.01	<2	0	<0.05	0.02
04/22/2002	1:50 PM	10	2 of 2	0.069	0.003	0.07	0.02	<2	1	<0.05	0.01
04/15/2003	12:40 PM	32	1 of 2	0.066	0.001	0.04	0.02	<3	1	<0.01	0.01
04/15/2003	12:40 PM	32	2 of 2	0.061	0.004	0.05	0.03	<3	0	<0.01	0.00
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	0.57	0.04	0.66	0.01	5	2	<0.02	0.02
10/29/2001	2:45 PM	50	2 of 2	0.57	0.02	0.70	0.05	6	1	<0.02	0.04
02/13/2002	8:30 AM	120	1 of 2	0.17	0.01	0.09	0.01	<3	1	0.05	0.04
02/13/2002	8:30 AM	120	2 of 2	0.16	0.01	0.11	0.02	<3	0	0.06	0.02
04/22/2002	12:20 PM	120	1 of 2	0.16	0.00	0.13	0.01	<2	1	<0.05	0.00
04/22/2002	12:20 PM	120	2 of 2	0.15	0.00	0.16	0.03	<2	0	<0.05	0.01
08/07/2002	12:10 PM	10	1 of 2	0.053	0.001	0.11	0.01	<2	1	85	16
08/07/2002	12:10 PM	10	2 of 2	0.059	0.003	0.15	0.03	<2	1	0.15	0.04
08/07/2002	12:40 PM	47	1 of 2	0.080	0.002	0.22	0.03	<2	1	0.14	0.02
08/07/2002	12:40 PM	47	2 of 2	0.087	0.005	0.23	0.02	<2	1	0.35	0.01
08/08/2002	2:50 PM	80	1 of 2	0.10	0.00	0.18	0.01	<2	1	0.41	0.01
08/08/2002	2:50 PM	80	2 of 2	0.100	0.003	0.17	0.03	<2	2	0.05	0.02
11/05/2002	2:30 PM	10	1 of 2	0.36	0.02	0.49	0.00	<3	1	<0.08	0.01
11/05/2002	2:30 PM	10	2 of 2	0.36	0.01	0.45	0.01	<3	1	<0.08	0.03
11/05/2002	2:10 PM	30	1 of 2	0.82	0.02	1.1	0.1	<3	2	<0.08	0.02
11/05/2002	2:10 PM	30	2 of 2	0.75	0.06	1.2	0.1	<3	0	0.09	0.01
01/29/2003	2:00 PM	10	1 of 2	0.12	0.01	0.12	0.00	<2	2	0.31	0.04
01/29/2003	2:00 PM	10	2 of 2	0.13	0.00	0.11	0.00	<2	0	0.17	0.01
01/28/2003	3:30 PM	120	1 of 2	0.18	0.00	0.13	0.01	<2	1	<0.06	0.01
01/28/2003	3:30 PM	120	2 of 2	0.16	0.01	0.14	0.00	<2	1	0.16	0.03
04/17/2003	10:30 AM	125	1 of 2	0.12	0.01	0.10	0.03	<3	2	<0.01	0.01
04/17/2003	10:30 AM	125	2 of 2	0.13	0.01	0.13	0.04	<3	2	<0.01	0.00
08/07/2003	11:30 AM	1	1 of 2	0.053	0.004	<0.1	0.0	<2	1	0.14	0.03
08/07/2003	11:30 AM	1	2 of 2	0.051	0.005	<0.1	0.0	<2	1	0.15	0.03
08/07/2003	11:50 AM	100	1 of 2	0.10	0.01	0.20	0.04	<2	1	0.13	0.01
08/07/2003	11:50 AM	100	2 of 2	0.11	0.01	0.21	0.03	<2	1	0.16	0.01

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Cerium (Ce)		Cobalt (Co)		Chromium (Cr)		Cesium (Cs)	
				µg/L (01112)		µg/L (01037)		µg/L (01034)		µg/L (01117)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)											
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	0.31	0.02	0.33	0.02	<3	1	<0.02	0.02
10/31/2001	10:15 AM	12	2 of 2	0.30	0.01	0.32	0.01	<3	1	<0.02	0.01
02/13/2002	9:00 AM	80	1 of 2	0.20	0.01	0.09	0.01	<3	2	0.05	0.00
02/13/2002	9:00 AM	80	2 of 2	0.20	0.00	0.09	0.01	<3	2	0.06	0.02
04/22/2002	10:40 AM	80	1 of 2	0.17	0.01	0.15	0.01	<2	1	0.07	0.02
04/22/2002	10:40 AM	80	2 of 2	0.15	0.00	0.17	0.02	<2	3	0.07	0.02
08/06/2002	5:50 PM	10	1 of 2	0.059	0.007	0.12	0.00	<2	2	<0.03	0.02
08/06/2002	5:50 PM	10	2 of 2	0.062	0.003	0.14	0.02	<2	2	<0.03	0.01
08/06/2002	6:20 PM	55	1 of 2	0.13	0.01	0.77	0.01	<2	0	0.05	0.01
08/06/2002	6:20 PM	55	2 of 2	0.13	0.01	0.80	0.02	<2	0	0.06	0.02
11/05/2002	4:10 PM	7	1 of 2	0.40	0.01	0.53	0.01	<3	2	0.58	0.13
11/05/2002	4:10 PM	7	2 of 2	0.36	0.03	0.52	0.02	<3	1	0.17	0.06
01/29/2003	1:20 PM	10	1 of 2	0.15	0.01	0.099	0.004	<2	1	<0.06	0.02
01/29/2003	1:20 PM	10	2 of 2	0.15	0.01	0.083	0.016	<2	0	<0.06	0.01
01/28/2003	2:50 PM	85	1 of 2	0.14	0.00	0.15	0.02	<2	2	<0.06	0.02
01/28/2003	2:50 PM	85	2 of 2	0.16	0.01	0.15	0.00	<2	1	<0.06	0.02
04/17/2003	11:30 AM	90	1 of 2	0.19	0.00	0.19	0.00	<3	2	<0.01	0.00
04/17/2003	11:30 AM	90	2 of 2	0.20	0.02	0.15	0.03	<3	2	0.02	0.01
08/07/2003	10 AM	1	1 of 2	0.066	0.001	0.14	0.00	<2	1	0.52	0.01
08/07/2003	10 AM	1	2 of 2	0.064	0.003	0.12	0.02	<2	1	0.10	0.04
08/06/2003	3:00 PM	100	1 of 2	1.4	0.0	3.2	0.0	4	0	0.55	0.01
08/06/2003	3:00 PM	100	2 of 2	1.3	0.1	3.1	0.3	3	1	0.55	0.04
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	0.13	0.00	0.39	0.04	<3	2	0.05	0.14
10/31/2001	1:00 PM	4	2 of 2	0.14	0.01	0.38	0.02	3	2	<0.02	0.02
02/13/2002	1:00 PM	20	1 of 2	0.12	0.00	0.08	0.02	<3	1	0.10	0.01
02/13/2002	1:00 PM	20	2 of 2	0.12	0.01	0.07	0.01	<3	1	0.04	0.04
04/23/2002	12:10 PM	20	1 of 2	0.069	0.007	0.10	0.00	<2	1	<0.05	0.01
04/23/2002	12:10 PM	20	2 of 2	0.069	0.002	0.11	0.02	<2	0	0.10	0.03
08/07/2002	6:50 PM	57	1 of 2	0.15	0.01	0.50	0.01	<2	1	0.54	0.55
08/07/2002	6:50 PM	57	2 of 2	0.16	0.00	0.51	0.00	<2	1	0.18	0.00
01/30/2003	3:30 PM	55	1 of 2	0.17	0.01	0.23	0.02	<2	2	<0.06	0.02
01/30/2003	3:30 PM	55	2 of 2	0.17	0.01	0.25	0.02	<2	1	<0.06	0.04
04/17/2003	2:30 PM	55	1 of 2	0.22	0.02	0.42	0.03	<3	2	<0.01	0.00
04/17/2003	2:30 PM	55	2 of 2	0.21	0.02	0.47	0.01	<3	2	<0.01	0.01
08/07/2003	4:00 PM	1	1 of 2	0.098	0.005	0.32	0.02	<2	1	0.12	0.04
08/07/2003	4:00 PM	1	2 of 2	0.100	0.010	0.29	0.01	<2	1	0.08	0.01

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Cerium (Ce)		Cobalt (Co)		Chromium (Cr)		Cesium (Cs)	
				µg/L (01112)		µg/L (01037)		µg/L (01034)		µg/L (01117)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	0.057	0.001	0.17	0.00	<2	0	0.04	0.00
08/07/2002	3:40 PM	10	2 of 2	0.059	0.006	0.18	0.03	<2	2	<0.03	0.01
04/17/2003	1:20 PM	80	1 of 2	0.12	0.02	0.10	0.03	<3	2	<0.01	0.01
04/17/2003	1:20 PM	80	2 of 2	0.13	0.01	0.11	0.02	<3	0	<0.01	0.01
08/07/2003	1:00 PM	1	1 of 2	0.086	0.013	0.15	0.00	<2	0	0.96	0.04
08/07/2003	1:00 PM	1	2 of 2	0.069	0.006	0.13	0.01	<2	0	0.30	0.02
08/07/2003	1:30 PM	40	1 of 2	0.13	0.01	0.20	0.02	<2	2	0.27	0.03
08/07/2003	1:30 PM	40	2 of 2	0.13	0.01	0.17	0.00	<2	0	0.32	0.04
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	26	3	128	0	13	2	0.24	0.02
10/31/2001	2:15 PM	1	2 of 2	26	2	128	2	13	1	0.09	0.01
02/13/2002	3:10 PM	10	1 of 2	0.11	0.00	0.10	0.01	<3	2	0.12	0.03
02/13/2002	3:10 PM	10	2 of 2	0.12	0.01	0.10	0.02	<3	1	<0.03	0.00
02/13/2002	3:30 PM	35	1of 1	0.25	0.01	1.1	0.0	<3	1	0.04	0.01
04/24/2002	11:10 AM	30	1 of 2	0.13	0.01	0.46	0.02	<2	1	<0.05	0.01
04/24/2002	11:10 AM	30	2 of 2	0.13	0.00	0.46	0.05	<2	1	<0.05	0.03
08/07/2002	5:00 PM	1	1 of 2	2.7	0.0	21	3	<2	2	0.47	0.08
08/07/2002	5:00 PM	1	2 of 2	2.6	0.0	22	0	<2	2	<0.03	0.01
11/05/2002	2:50 PM	0	1 of 2	15	0	73	0	7	1	<0.08	0.05
11/05/2002	2:50 PM	0	2 of 2	15	0	74	2	5	0	<0.08	0.02
01/30/2003	12:30 PM	10	1 of 2	0.098	0.003	0.11	0.02	<2	0	<0.06	0.01
01/30/2003	12:30 PM	10	2 of 2	0.095	0.006	0.12	0.01	<2	1	<0.06	0.04
01/30/2003	1:20 PM	38	1 of 2	2.1	0.0	12	0	<2	2	<0.06	0.03
01/30/2003	1:20 PM	38	2 of 2	2.1	0.1	13	0	<2	4	1.0	0.1
04/17/2003	4:00 PM	40	1 of 2	3.3	0.1	14	0	<3	1	0.05	0.02
04/17/2003	4:00 PM	40	2 of 2	3.4	0.2	14	0	<3	2	<0.01	0.01
08/07/2003	4:30 PM	1	1 of 2	0.13	0.00	4.3	0.5	<2	1	0.12	0.02
08/07/2003	4:30 PM	1	2 of 2	0.14	0.02	4.2	0.3	<2	1	0.13	0.01
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1of 1	9.9	1.0	123	15	<2	1	<0.04	0.03
02/13/2002	2:20 PM	52	1 of 2	0.28	0.00	0.82	0.06	<3	2	0.03	0.03
02/13/2002	2:20 PM	52	2 of 2	0.27	0.01	0.85	0.02	<3	2	0.06	0.03
04/23/2002	1:10 PM	20	1 of 2	0.065	0.006	0.09	0.01	<2	1	<0.05	0.05
04/23/2002	1:10 PM	20	2 of 2	0.066	0.008	0.10	0.02	<2	0	<0.05	0.02
11/05/2002	2:00 PM	1	1 of 2	40	2	561	24	6	1	<0.08	0.06
11/05/2002	2:00 PM	1	2 of 2	39	3	566	5	6	1	<0.08	0.06

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Copper (Cu)		Dysprosium (Dy)		Erbium (Er)		Europium (Eu)	
				µg/L (01042)		µg/L (82330)		µg/L (01246)		µg/L (01236)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	1.3	0.3	0.016	0.004	0.009	0.005	0.005	0.001
10/30/2001	5:15 PM	10	2 of 2	1.2	0.2	0.018	0.004	0.007	0.001	0.006	0.003
02/12/2002	12:00 PM	8	1 of 2	3.8	0.1	0.018	0.003	0.010	0.001	0.005	0.002
02/12/2002	12:00 PM	8	2 of 2	4.3	0.4	0.018	0.002	0.008	0.004	0.004	0.002
04/22/2002	3:20 PM	10	1 of 2	2.7	0.1	0.014	0.003	<0.002	0.003	0.004	0.001
04/22/2002	3:20 PM	10	2 of 2	2.4	0.0	0.013	0.002	0.003	0.004	0.003	0.002
08/06/2002	4:30 PM	10	1 of 2	2.9	0.1	0.008	0.003	0.006	0.003	0.002	0.002
08/06/2002	4:30 PM	10	2 of 2	2.5	0.1	0.010	0.002	0.004	0.002	0.003	0.001
04/15/2003	10:30 AM	40	1 of 2	7.1	0.1	0.078	0.000	0.048	0.009	0.024	0.003
04/15/2003	10:30 AM	40	2 of 2	4.8	0.2	0.053	0.002	0.035	0.010	0.014	0.002
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	2.0	0.2	0.081	0.007	0.044	0.012	0.022	0.002
11/01/2001	8:30 AM	70	2 of 2	1.5	0.2	0.071	0.016	0.051	0.013	0.018	0.004
02/12/2002	11:00 AM	140	1 of 2	4.4	0.1	0.028	0.006	0.014	0.007	0.007	0.004
02/12/2002	11:00 AM	140	2 of 2	4.0	0.1	0.030	0.004	0.013	0.002	0.006	0.003
04/22/2002	3:00 PM	140	1 of 2	2.8	0.3	0.023	0.004	0.014	0.002	0.006	0.004
04/22/2002	3:00 PM	140	2 of 2	2.5	0.1	0.022	0.005	0.018	0.002	0.007	0.000
08/08/2002	12:00 PM	45	1 of 2	2.1	0.0	0.006	0.002	0.007	0.003	<0.002	0.000
08/08/2002	12:00 PM	45	2 of 2	2.9	0.2	0.013	0.004	0.009	0.000	0.004	0.001
08/08/2002	1:30 PM	113	1 of 2	2.6	0.4	0.012	0.006	0.010	0.001	<0.002	0.000
08/08/2002	1:30 PM	113	2 of 2	2.4	0.2	0.014	0.006	0.006	0.005	<0.002	0.001
11/04/2002	3:50 PM	10	1 of 2	3.0	0.2	0.066	0.004	0.034	0.004	0.020	0.002
11/04/2002	3:50 PM	10	2 of 2	3.1	0.2	0.064	0.004	0.039	0.001	0.020	0.006
11/04/2002	3:20 PM	55	1 of 2	3.2	0.1	0.036	0.007	0.027	0.004	0.009	0.003
11/04/2002	3:20 PM	55	2 of 2	3.3	0.0	0.046	0.004	0.028	0.003	0.015	0.003
01/29/2003	2:30 PM	10	1 of 2	2.9	0.2	0.020	0.003	0.011	0.002	0.006	0.002
01/29/2003	2:30 PM	10	2 of 2	2.9	0.1	0.022	0.007	0.011	0.008	0.006	0.002
01/28/2003	4:40 PM	140	1 of 2	1.5	0.2	0.026	0.004	0.016	0.003	0.007	0.002
01/28/2003	4:40 PM	140	2 of 2	1.5	0.2	0.028	0.008	0.021	0.006	0.008	0.003
04/16/2003	4:00 PM	150	1 of 2	2.1	0.3	0.019	0.004	0.008	0.004	<0.004	0.001
04/16/2003	4:00 PM	150	2 of 2	1.8	0.1	0.020	0.003	0.008	0.002	0.006	0.002
08/05/2003	12:30 PM	1	1 of 2	2.0	0.7	0.008	0.003	<0.004	0.004	<0.003	0.001
08/05/2003	12:30 PM	1	2 of 2	1.7	0.2	<0.008	0.002	<0.004	0.001	<0.003	0.001
08/05/2003	3:30 PM	73	1 of 2	4.0	1.1	0.017	0.004	0.008	0.001	0.006	0.000
08/05/2003	3:30 PM	73	2 of 2	2.1	0.2	0.019	0.002	0.007	0.002	0.005	0.002
08/05/2003	1:00 PM	120	1 of 2	1.9	0.3	0.013	0.002	0.008	0.004	0.004	0.001
08/05/2003	1:00 PM	120	2 of 2	1.4	0.0	0.011	0.007	0.007	0.000	<0.003	0.001

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Copper (Cu)		Dysprosium (Dy)		Erbium (Er)		Europium (Eu)	
				µg/L (01042)		µg/L (82330)		µg/L (01246)		µg/L (01236)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	1.2	0.2	0.010	0.004	<0.005	0.004	0.003	0.002
10/29/2001	4:15 PM	6	2 of 2	1.1	0.1	0.012	0.003	<0.005	0.004	0.003	0.002
02/12/2002	1:30 PM	60	1 of 2	10	0	0.021	0.003	0.007	0.005	0.004	0.003
02/12/2002	1:30 PM	60	2 of 2	3.2	0.0	0.016	0.002	0.013	0.001	0.004	0.001
04/22/2002	1:50 PM	10	1 of 2	3.0	0.3	0.012	0.004	0.003	0.002	0.004	0.003
04/22/2002	1:50 PM	10	2 of 2	2.7	0.2	0.011	0.000	0.005	0.005	0.003	0.000
04/15/2003	12:40 PM	32	1 of 2	2.8	0.2	0.015	0.000	0.010	0.003	<0.004	0.001
04/15/2003	12:40 PM	32	2 of 2	2.4	0.1	0.016	0.001	0.005	0.003	<0.004	0.003
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	2.5	0.2	0.068	0.004	0.026	0.001	0.016	0.004
10/29/2001	2:45 PM	50	2 of 2	3.2	0.1	0.061	0.005	0.024	0.003	0.019	0.002
02/13/2002	8:30 AM	120	1 of 2	9.0	0.5	0.027	0.007	0.015	0.001	0.006	0.004
02/13/2002	8:30 AM	120	2 of 2	4.1	0.2	0.024	0.002	0.011	0.000	0.008	0.001
04/22/2002	12:20 PM	120	1 of 2	3.2	0.2	0.025	0.002	0.015	0.003	0.008	0.001
04/22/2002	12:20 PM	120	2 of 2	3.7	0.1	0.031	0.001	0.013	0.001	0.008	0.001
08/07/2002	12:10 PM	10	1 of 2	3.0	0.2	0.008	0.000	0.006	0.002	0.004	0.001
08/07/2002	12:10 PM	10	2 of 2	3.2	0.2	0.009	0.003	0.008	0.005	<0.002	0.001
08/07/2002	12:40 PM	47	1 of 2	4.1	0.2	0.015	0.005	0.007	0.002	0.004	0.002
08/07/2002	12:40 PM	47	2 of 2	4.0	0.1	0.016	0.002	0.011	0.003	0.003	0.001
08/08/2002	2:50 PM	80	1 of 2	2.9	0.2	0.016	0.002	0.017	0.000	0.005	0.001
08/08/2002	2:50 PM	80	2 of 2	2.5	0.1	0.019	0.006	0.012	0.002	0.004	0.001
11/05/2002	2:30 PM	10	1 of 2	3.4	0.0	0.039	0.003	0.021	0.004	0.015	0.002
11/05/2002	2:30 PM	10	2 of 2	2.8	0.0	0.037	0.002	0.023	0.002	0.015	0.002
11/05/2002	2:10 PM	30	1 of 2	4.5	0.1	0.074	0.005	0.049	0.006	0.021	0.001
11/05/2002	2:10 PM	30	2 of 2	4.5	0.2	0.079	0.003	0.046	0.007	0.023	0.002
01/29/2003	2:00 PM	10	1 of 2	2.8	0.1	0.023	0.003	0.017	0.005	0.008	0.002
01/29/2003	2:00 PM	10	2 of 2	2.5	0.1	0.019	0.003	0.014	0.001	0.005	0.000
01/28/2003	3:30 PM	120	1 of 2	1.8	0.0	0.025	0.006	0.016	0.004	0.010	0.002
01/28/2003	3:30 PM	120	2 of 2	1.7	0.0	0.024	0.002	0.017	0.006	0.007	0.002
04/17/2003	10:30 AM	125	1 of 2	1.9	0.2	0.019	0.003	0.009	0.002	0.009	0.004
04/17/2003	10:30 AM	125	2 of 2	1.9	0.1	0.018	0.007	0.010	0.006	0.007	0.001
08/07/2003	11:30 AM	1	1 of 2	2.3	0.5	0.008	0.002	0.008	0.003	<0.003	0.001
08/07/2003	11:30 AM	1	2 of 2	2.7	0.7	0.008	0.001	0.007	0.002	<0.003	0.000
08/07/2003	11:50 AM	100	1 of 2	2.0	0.4	0.018	0.004	0.009	0.002	0.004	0.001
08/07/2003	11:50 AM	100	2 of 2	2.8	0.4	0.023	0.006	0.010	0.004	<0.003	0.001

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Copper (Cu)		Dysprosium (Dy)		Erbium (Er)		Europium (Eu)	
				µg/L (01042)		µg/L (82330)		µg/L (01246)		µg/L (01236)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)											
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	1.4	0.1	0.032	0.001	0.014	0.001	0.008	0.001
10/31/2001	10:15 AM	12	2 of 2	1.4	0.1	0.039	0.001	0.013	0.004	0.009	0.001
02/13/2002	9:00 AM	80	1 of 2	2.7	0.2	0.029	0.005	0.012	0.002	0.007	0.003
02/13/2002	9:00 AM	80	2 of 2	2.6	0.2	0.022	0.002	0.012	0.003	0.006	0.002
04/22/2002	10:40 AM	80	1 of 2	3.7	0.1	0.031	0.002	0.012	0.000	0.007	0.002
04/22/2002	10:40 AM	80	2 of 2	2.7	0.1	0.021	0.000	0.011	0.001	0.006	0.003
08/06/2002	5:50 PM	10	1 of 2	2.7	0.3	0.008	0.004	0.008	0.001	0.003	0.001
08/06/2002	5:50 PM	10	2 of 2	2.6	0.2	0.009	0.002	0.006	0.001	<0.002	0.001
08/06/2002	6:20 PM	55	1 of 2	2.7	0.0	0.019	0.001	0.015	0.002	0.006	0.001
08/06/2002	6:20 PM	55	2 of 2	2.6	0.1	0.015	0.004	0.008	0.001	0.005	0.002
11/05/2002	4:10 PM	7	1 of 2	3.1	0.1	0.041	0.007	0.019	0.003	0.013	0.004
11/05/2002	4:10 PM	7	2 of 2	3.2	0.2	0.039	0.006	0.024	0.001	0.008	0.000
01/29/2003	1:20 PM	10	1 of 2	1.0	0.1	0.024	0.008	0.016	0.006	0.007	0.002
01/29/2003	1:20 PM	10	2 of 2	1.1	0.1	0.021	0.004	0.012	0.004	0.008	0.002
01/28/2003	2:50 PM	85	1 of 2	1.9	0.2	0.027	0.005	0.014	0.003	0.007	0.001
01/28/2003	2:50 PM	85	2 of 2	1.7	0.2	0.024	0.002	0.015	0.001	0.009	0.002
04/17/2003	11:30 AM	90	1 of 2	2.1	0.1	0.033	0.008	0.014	0.006	0.007	0.001
04/17/2003	11:30 AM	90	2 of 2	2.0	0.1	0.028	0.005	0.014	0.007	0.009	0.002
08/07/2003	10:00 AM	1	1 of 2	3.2	0.6	0.008	0.000	0.005	0.005	<0.003	0.001
08/07/2003	10:00 AM	1	2 of 2	4.2	0.6	0.009	0.008	0.006	0.003	<0.003	0.000
08/06/2003	3:00 PM	100	1 of 2	7.3	1.4	0.16	0.01	0.094	0.000	0.049	0.005
08/06/2003	3:00 PM	100	2 of 2	5.5	0.3	0.17	0.00	0.083	0.004	0.044	0.002
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	3.0	0.3	0.020	0.005	0.011	0.004	0.005	0.000
10/31/2001	1:00 PM	4	2 of 2	2.3	0.3	0.019	0.004	0.011	0.005	0.003	0.002
02/13/2002	1:00 PM	20	1 of 2	5.4	0.1	0.019	0.004	0.009	0.001	0.004	0.001
02/13/2002	1:00 PM	20	2 of 2	5.6	0.2	0.020	0.002	0.010	0.002	0.004	0.002
04/23/2002	12:10 PM	20	1 of 2	4.0	0.3	0.013	0.004	0.005	0.005	0.004	0.000
04/23/2002	12:10 PM	20	2 of 2	4.3	0.5	0.013	0.001	0.014	0.001	0.004	0.002
08/07/2002	6:50 PM	57	1 of 2	6.0	1.0	0.026	0.006	0.021	0.001	0.004	0.001
08/07/2002	6:50 PM	57	2 of 2	5.4	0.2	0.023	0.005	0.010	0.002	0.006	0.001
01/30/2003	3:30 PM	55	1 of 2	5.2	0.1	0.031	0.002	0.024	0.003	0.006	0.002
01/30/2003	3:30 PM	55	2 of 2	5.1	0.2	0.033	0.002	0.020	0.006	0.006	0.001
04/17/2003	2:30 PM	55	1 of 2	10	0	0.040	0.008	0.024	0.005	0.009	0.007
04/17/2003	2:30 PM	55	2 of 2	10	0	0.037	0.003	0.022	0.007	0.011	0.004
08/07/2003	4:00 PM	1	1 of 2	8.5	0.2	0.022	0.002	0.008	0.005	0.005	0.002
08/07/2003	4:00 PM	1	2 of 2	8.5	0.5	0.015	0.004	0.009	0.004	0.004	0.001

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued*.

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Copper (Cu)		Dysprosium (Dy)		Erbium (Er)		Europium (Eu)	
				µg/L (01042)		µg/L (82330)		µg/L (01246)		µg/L (01236)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	2.5	0.3	0.007	0.001	0.012	0.000	<0.002	0.001
08/07/2002	3:40 PM	10	2 of 2	2.4	0.4	0.007	0.003	0.005	0.003	<0.002	0.000
04/17/2003	1:20 PM	80	1 of 2	2.0	0.2	0.025	0.007	0.007	0.001	0.007	0.004
04/17/2003	1:20 PM	80	2 of 2	2.2	0.0	0.028	0.006	0.013	0.001	0.009	0.002
08/07/2003	1:00 PM	1	1 of 2	2.0	0.3	0.016	0.000	0.008	0.003	0.005	0.001
08/07/2003	1:00 PM	1	2 of 2	3.1	0.3	0.010	0.003	0.009	0.003	<0.003	0.001
08/07/2003	1:30 PM	40	1 of 2	5.0	2.5	0.016	0.003	0.009	0.006	0.007	0.000
08/07/2003	1:30 PM	40	2 of 2	2.2	0.0	0.016	0.005	0.009	0.002	<0.003	0.001
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	1,451	29	6.2	0.7	3.9	0.2	1.5	0.2
10/31/2001	2:15 PM	1	2 of 2	1,468	22	6.5	0.1	3.7	0.4	1.5	0.1
02/13/2002	3:10 PM	10	1 of 2	7.2	0.1	0.019	0.004	0.011	0.001	0.006	0.003
02/13/2002	3:10 PM	10	2 of 2	6.1	0.2	0.025	0.007	0.012	0.003	0.003	0.002
02/13/2002	3:30 PM	35	1of 1	29	0	0.060	0.008	0.040	0.004	0.010	0.001
04/24/2002	11:10 AM	30	1 of 2	8.8	0.5	0.020	0.004	0.014	0.004	0.005	0.003
04/24/2002	11:10 AM	30	2 of 2	8.9	0.3	0.017	0.003	0.012	0.004	0.006	0.003
08/07/2002	5:00 PM	1	1 of 2	301	37	0.71	0.04	0.42	0.00	0.14	0.00
08/07/2002	5:00 PM	1	2 of 2	314	7	0.69	0.00	0.43	0.00	0.14	0.00
11/05/2002	2:50 PM	0	1 of 2	927	49	3.7	0.1	2.3	0.1	0.88	0.01
11/05/2002	2:50 PM	0	2 of 2	917	32	3.6	0.0	2.3	0.0	0.88	0.01
01/30/2003	12:30 PM	10	1 of 2	4.6	0.1	0.019	0.003	0.011	0.006	0.005	0.002
01/30/2003	12:30 PM	10	2 of 2	4.9	0.3	0.021	0.003	0.015	0.001	0.005	0.003
01/30/2003	1:20 PM	38	1 of 2	342	1	0.55	0.00	0.34	0.03	0.13	0.00
01/30/2003	1:20 PM	38	2 of 2	345	27	0.58	0.01	0.37	0.00	0.13	0.00
04/17/2003	4:00 PM	40	1 of 2	366	6	0.91	0.05	0.52	0.01	0.19	0.00
04/17/2003	4:00 PM	40	2 of 2	376	28	0.94	0.05	0.59	0.04	0.20	0.03
08/07/2003	4:30 PM	1	1 of 2	54	6	0.031	0.004	0.029	0.002	0.010	0.004
08/07/2003	4:30 PM	1	2 of 2	53	1	0.041	0.005	0.024	0.009	0.005	0.002
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1of 1	1,291	40	2.5	0.3	1.50	0.16	0.47	0.01
02/13/2002	2:20 PM	52	1 of 2	24	0	0.056	0.007	0.033	0.003	0.010	0.003
02/13/2002	2:20 PM	52	2 of 2	24	0	0.047	0.001	0.028	0.009	0.010	0.002
04/23/2002	1:10 PM	20	1 of 2	3.7	0.2	0.009	0.001	0.006	0.003	0.004	0.003
04/23/2002	1:10 PM	20	2 of 2	4.1	0.4	0.012	0.003	<0.002	0.003	0.004	0.001
11/05/2002	2:00 PM	1	1 of 2	5,140	76	15	0	9.5	0.1	3.0	0.0
11/05/2002	2:00 PM	1	2 of 2	5,110	32	14	1	9.4	0.1	2.8	0.3

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Iron (Fe)		Gadolinium (Gd)		Holmium (Ho)		Potassium (K)	
				µg/L (01045)		µg/L (01219)		µg/L (01247)		mg/L (00937)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	371	10	0.019	0.003	0.004	0.000	0.7	0.0
10/30/2001	5:15 PM	10	2 of 2	368	31	0.021	0.002	0.003	0.002	0.7	0.0
02/12/2002	12:00 PM	8	1 of 2	172	23	0.016	0.002	0.005	0.001	0.8	0.1
02/12/2002	12:00 PM	8	2 of 2	133	3	0.023	0.003	0.004	0.001	0.7	0.2
04/22/2002	3:20 PM	10	1 of 2	76	11	0.013	0.003	0.0022	0.0003	0.9	0.0
04/22/2002	3:20 PM	10	2 of 2	77	11	0.009	0.003	0.0027	0.0004	0.9	0.2
08/06/2002	4:30 PM	10	1 of 2	81	6	<0.005	0.001	0.0017	0.0005	0.6	0.2
08/06/2002	4:30 PM	10	2 of 2	85	1	0.006	0.002	0.0013	0.0001	0.6	0.1
04/15/2003	10:30 AM	40	1 of 2	2,910	180	0.093	0.007	0.018	0.002	0.92	0.07
04/15/2003	10:30 AM	40	2 of 2	1,630	109	0.065	0.003	0.013	0.002	0.77	0.11
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	584	31	0.071	0.004	0.015	0.001	1.02	0.09
11/01/2001	8:30 AM	70	2 of 2	548	12	0.056	0.004	0.012	0.003	1.05	0.13
02/12/2002	11:00 AM	140	1 of 2	324	12	0.029	0.013	0.005	0.001	0.5	0.1
02/12/2002	11:00 AM	140	2 of 2	312	12	0.030	0.004	0.006	0.001	0.6	0.1
04/22/2002	3:00 PM	140	1 of 2	208	8	0.028	0.004	0.0048	0.0004	1.1	0.0
04/22/2002	3:00 PM	140	2 of 2	212	18	0.026	0.003	0.0043	0.0001	0.8	0.1
08/08/2002	12:00 PM	45	1 of 2	77	7	0.011	0.004	0.0022	0.0001	0.8	0.1
08/08/2002	12:00 PM	45	2 of 2	131	9	0.015	0.001	0.0024	0.0004	0.5	0.1
08/08/2002	1:30 PM	113	1 of 2	133	10	0.014	0.003	0.0026	0.0008	0.7	0.1
08/08/2002	1:30 PM	113	2 of 2	118	5	0.011	0.005	0.0022	0.0000	0.7	0.1
11/04/2002	3:50 PM	10	1 of 2	757	9	0.072	0.004	0.012	0.000	1.0	0.1
11/04/2002	3:50 PM	10	2 of 2	770	53	0.071	0.005	0.013	0.001	1.0	0.1
11/04/2002	3:20 PM	55	1 of 2	527	29	0.042	0.003	0.0084	0.0009	1.0	0.1
11/04/2002	3:20 PM	55	2 of 2	534	31	0.043	0.000	0.0073	0.0005	1.1	0.1
01/29/2003	2:30 PM	10	1 of 2	90	16	0.028	0.003	0.004	0.002	1.2	0.1
01/29/2003	2:30 PM	10	2 of 2	91	5	0.027	0.005	0.003	0.001	1.1	0.1
01/28/2003	4:40 PM	140	1 of 2	152	23	0.028	0.007	0.005	0.000	0.9	0.1
01/28/2003	4:40 PM	140	2 of 2	152	17	0.041	0.003	0.006	0.001	0.9	0.1
04/16/2003	4:00 PM	150	1 of 2	129	15	0.013	0.008	0.003	0.000	0.65	0.08
04/16/2003	4:00 PM	150	2 of 2	127	8	0.017	0.002	0.003	0.002	0.64	0.07
08/05/2003	12:30 PM	1	1 of 2	73	19	0.006	0.003	0.0020	0.0006	0.6	0.0
08/05/2003	12:30 PM	1	2 of 2	72	18	<0.004	0.003	0.0010	0.0005	0.6	0.0
08/05/2003	3:30 PM	73	1 of 2	138	18	0.018	0.002	0.0026	0.0006	0.7	0.1
08/05/2003	3:30 PM	73	2 of 2	147	22	0.012	0.001	0.0020	0.0007	0.6	0.2
08/05/2003	1:00 PM	120	1 of 2	142	10	0.010	0.002	0.0032	0.0008	0.7	0.1
08/05/2003	1:00 PM	120	2 of 2	149	24	0.013	0.001	0.0024	0.0005	0.5	0.1

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued*.

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Iron (Fe)		Gadolinium (Gd)		Holmium (Ho)		Potassium (K)	
				µg/L (01045)		µg/L (01219)		µg/L (01247)		mg/L (00937)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	221	22	0.011	0.003	0.003	0.001	0.8	0.1
10/29/2001	4:15 PM	6	2 of 2	218	5	0.009	0.003	0.003	0.001	0.8	0.0
02/12/2002	1:30 PM	60	1 of 2	186	10	0.024	0.009	0.006	0.000	0.9	0.2
02/12/2002	1:30 PM	60	2 of 2	183	18	0.022	0.005	0.004	0.001	0.9	0.2
04/22/2002	1:50 PM	10	1 of 2	79	1	0.011	0.004	0.0028	0.0003	0.9	0.0
04/22/2002	1:50 PM	10	2 of 2	89	5	0.013	0.003	0.0030	0.0008	0.8	0.0
04/15/2003	12:40 PM	32	1 of 2	94	14	0.012	0.003	0.002	0.002	0.75	0.05
04/15/2003	12:40 PM	32	2 of 2	95	9	0.010	0.002	0.003	0.001	0.69	0.04
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	1,650	21	0.060	0.006	0.012	0.002	0.8	0.0
10/29/2001	2:45 PM	50	2 of 2	1,720	1	0.055	0.001	0.011	0.001	0.8	0.0
02/13/2002	8:30 AM	120	1 of 2	287	22	0.030	0.003	0.006	0.002	0.5	0.1
02/13/2002	8:30 AM	120	2 of 2	267	21	0.030	0.010	0.007	0.002	0.6	0.2
04/22/2002	12:20 PM	120	1 of 2	234	25	0.032	0.004	0.0057	0.0007	0.8	0.0
04/22/2002	12:20 PM	120	2 of 2	233	15	0.031	0.004	0.0064	0.0001	0.8	0.0
08/07/2002	12:10 PM	10	1 of 2	104	12	0.009	0.003	0.0021	0.0004	0.7	0.2
08/07/2002	12:10 PM	10	2 of 2	106	12	0.011	0.004	0.0019	0.0006	0.7	0.0
08/07/2002	12:40 PM	47	1 of 2	146	17	0.014	0.003	0.0030	0.0015	0.7	0.1
08/07/2002	12:40 PM	47	2 of 2	152	9	0.011	0.003	0.0026	0.0011	0.7	0.3
08/08/2002	2:50 PM	80	1 of 2	156	7	0.018	0.000	0.0037	0.0004	0.7	0.2
08/08/2002	2:50 PM	80	2 of 2	159	11	0.018	0.001	0.0028	0.0003	0.7	0.2
11/05/2002	2:30 PM	10	1 of 2	454	28	0.045	0.007	0.0079	0.0010	1.0	0.0
11/05/2002	2:30 PM	10	2 of 2	462	58	0.034	0.003	0.0088	0.0015	1.0	0.0
11/05/2002	2:10 PM	30	1 of 2	1,050	94	0.092	0.000	0.017	0.001	1.1	0.1
11/05/2002	2:10 PM	30	2 of 2	1,020	0	0.091	0.014	0.017	0.001	1.1	0.1
01/29/2003	2:00 PM	10	1 of 2	110	13	0.025	0.007	0.004	0.001	1.0	0.0
01/29/2003	2:00 PM	10	2 of 2	112	13	0.028	0.003	0.004	0.001	0.9	0.0
01/28/2003	3:30 PM	120	1 of 2	152	8	0.030	0.005	0.006	0.001	0.8	0.1
01/28/2003	3:30 PM	120	2 of 2	155	27	0.030	0.003	0.005	0.002	0.8	0.1
04/17/2003	10:30 AM	125	1 of 2	161	3	0.029	0.004	0.004	0.001	0.63	0.10
04/17/2003	10:30 AM	125	2 of 2	166	14	0.024	0.007	0.004	0.000	0.60	0.08
08/07/2003	11:30 AM	1	1 of 2	100	20	<0.004	0.001	0.0020	0.0007	0.7	0.1
08/07/2003	11:30 AM	1	2 of 2	95	7	0.007	0.006	0.0016	0.0011	0.6	0.0
08/07/2003	11:50 AM	100	1 of 2	190	17	0.025	0.002	0.0040	0.0003	0.8	0.1
08/07/2003	11:50 AM	100	2 of 2	207	8	0.020	0.004	0.0045	0.0024	0.7	0.0

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Iron (Fe)		Gadolinium (Gd)		Holmium (Ho)		Potassium (K)	
				µg/L (01045)		µg/L (01219)		µg/L (01247)		mg/L (00937)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)											
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	736	13	0.033	0.004	0.006	0.001	0.8	0.0
10/31/2001	10:15 AM	12	2 of 2	694	14	0.036	0.006	0.007	0.002	0.7	0.0
02/13/2002	9:00 AM	80	1 of 2	296	8	0.036	0.004	0.006	0.001	0.6	0.1
02/13/2002	9:00 AM	80	2 of 2	305	22	0.029	0.007	0.005	0.001	0.5	0.1
04/22/2002	10:40 AM	80	1 of 2	232	19	0.028	0.002	0.0061	0.0007	0.8	0.0
04/22/2002	10:40 AM	80	2 of 2	234	21	0.023	0.004	0.0061	0.0003	0.8	0.1
08/06/2002	5:50 PM	10	1 of 2	127	15	0.013	0.001	0.0018	0.0004	0.7	0.1
08/06/2002	5:50 PM	10	2 of 2	130	13	0.011	0.004	<0.0007	0.0003	0.6	0.1
08/06/2002	6:20 PM	55	1 of 2	661	48	0.020	0.004	0.0033	0.0011	0.6	0.0
08/06/2002	6:20 PM	55	2 of 2	653	11	0.019	0.005	0.0054	0.0000	0.6	0.1
11/05/2002	4:10 PM	7	1 of 2	522	32	0.041	0.004	0.0083	0.0013	1.4	0.1
11/05/2002	4:10 PM	7	2 of 2	502	30	0.052	0.007	0.0097	0.0011	1.4	0.2
01/29/2003	1:20 PM	10	1 of 2	104	8	0.029	0.005	0.006	0.001	0.8	0.1
01/29/2003	1:20 PM	10	2 of 2	109	6	0.023	0.005	0.005	0.000	0.8	0.1
01/28/2003	2:50 PM	85	1 of 2	147	4	0.027	0.007	0.005	0.001	0.7	0.0
01/28/2003	2:50 PM	85	2 of 2	152	25	0.030	0.003	0.005	0.001	0.8	0.1
04/17/2003	11:30 AM	90	1 of 2	245	23	0.037	0.005	0.005	0.002	0.70	0.05
04/17/2003	11:30 AM	90	2 of 2	231	25	0.032	0.006	0.006	0.002	0.58	0.14
08/07/2003	10:00 AM	1	1 of 2	173	69	0.005	0.002	0.0016	0.0010	0.8	0.0
08/07/2003	10:00 AM	1	2 of 2	146	21	0.010	0.003	0.0033	0.0004	0.7	0.2
08/06/2003	3:00 PM	100	1 of 2	3,950	680	0.19	0.01	0.034	0.001	0.8	0.1
08/06/2003	3:00 PM	100	2 of 2	3,860	539	0.17	0.00	0.029	0.003	0.6	0.1
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	387	6	0.016	0.001	0.002	0.001	0.7	0.0
10/31/2001	1:00 PM	4	2 of 2	409	20	0.015	0.002	0.004	0.000	0.7	0.0
02/13/2002	1:00 PM	20	1 of 2	196	11	0.027	0.002	0.005	0.001	0.7	0.0
02/13/2002	1:00 PM	20	2 of 2	218	6	0.019	0.008	0.005	0.001	0.6	0.1
04/23/2002	12:10 PM	20	1 of 2	125	13	0.014	0.006	0.0021	0.0017	0.9	0.1
04/23/2002	12:10 PM	20	2 of 2	124	7	0.014	0.001	0.0024	0.0009	0.9	0.1
08/07/2002	6:50 PM	57	1 of 2	255	11	0.024	0.001	0.0043	0.0006	0.6	0.2
08/07/2002	6:50 PM	57	2 of 2	307	32	0.023	0.006	0.0047	0.0007	0.6	0.1
01/30/2003	3:30 PM	55	1 of 2	160	5	0.032	0.004	0.006	0.002	0.9	0.0
01/30/2003	3:30 PM	55	2 of 2	174	21	0.029	0.005	0.007	0.001	0.9	0.1
04/17/2003	2:30 PM	55	1 of 2	282	15	0.031	0.007	0.007	0.002	0.58	0.16
04/17/2003	2:30 PM	55	2 of 2	294	12	0.043	0.009	0.009	0.002	0.77	0.30
08/07/2003	4:00 PM	1	1 of 2	227	31	0.014	0.002	0.0024	0.0010	0.6	0.1
08/07/2003	4:00 PM	1	2 of 2	239	30	0.015	0.003	0.0035	0.0003	0.5	0.1

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Iron (Fe)		Gadolinium (Gd)		Holmium (Ho)		Potassium (K)	
				µg/L (01045)		µg/L (01219)		µg/L (01247)		mg/L (00937)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	113	15	0.012	0.003	0.0027	0.0006	0.7	0.2
08/07/2002	3:40 PM	10	2 of 2	115	7	0.010	0.001	0.0015	0.0009	0.7	0.1
04/17/2003	1:20 PM	80	1 of 2	181	18	0.017	0.004	0.004	0.002	0.69	0.11
04/17/2003	1:20 PM	80	2 of 2	194	18	0.023	0.005	0.004	0.002	0.68	0.12
08/07/2003	1:00 PM	1	1 of 2	149	9	0.010	0.004	0.0032	0.0004	0.5	0.2
08/07/2003	1:00 PM	1	2 of 2	139	25	0.011	0.002	0.0019	0.0004	0.7	0.2
08/07/2003	1:30 PM	40	1 of 2	249	46	0.015	0.003	0.0042	0.0010	0.8	0.1
08/07/2003	1:30 PM	40	2 of 2	245	48	0.016	0.006	0.0025	0.0002	0.5	0.3
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	33,800	142	5.3	0.6	1.4	0.0	4.9	0.0
10/31/2001	2:15 PM	1	2 of 2	34,300	108	5.4	0.5	1.3	0.1	5.0	0.1
02/13/2002	3:10 PM	10	1 of 2	204	11	0.023	0.003	0.005	0.001	0.7	0.1
02/13/2002	3:10 PM	10	2 of 2	215	14	0.023	0.002	0.005	0.001	0.8	0.2
02/13/2002	3:30 PM	35	1of 1	306	12	0.058	0.010	0.014	0.001	0.7	0.1
04/24/2002	11:10 AM	30	1 of 2	168	39	0.022	0.006	0.0047	0.0009	0.7	0.0
04/24/2002	11:10 AM	30	2 of 2	158	10	0.020	0.006	0.0057	0.0001	0.7	0.0
08/07/2002	5:00 PM	1	1 of 2	1,060	47	0.61	0.02	0.16	0.00	1.6	0.2
08/07/2002	5:00 PM	1	2 of 2	1,040	96	0.58	0.01	0.14	0.00	1.6	0.1
11/05/2002	2:50 PM	0	1 of 2	8,110	511	3.3	0.1	0.80	0.02	4.9	0.1
11/05/2002	2:50 PM	0	2 of 2	8,000	595	3.1	0.2	0.78	0.00	5.0	0.0
01/30/2003	12:30 PM	10	1 of 2	89	13	0.028	0.005	0.004	0.001	1.1	0.0
01/30/2003	12:30 PM	10	2 of 2	89	4	0.023	0.006	0.005	0.001	1.0	0.1
01/30/2003	1:20 PM	38	1 of 2	77	12	0.49	0.02	0.11	0.00	1.4	0.1
01/30/2003	1:20 PM	38	2 of 2	76	9	0.50	0.00	0.12	0.00	2.2	0.7
04/17/2003	4:00 PM	40	1 of 2	320	6	0.76	0.01	0.19	0.01	1.3	0.1
04/17/2003	4:00 PM	40	2 of 2	318	25	0.74	0.02	0.21	0.00	1.1	0.0
08/07/2003	4:30 PM	1	1 of 2	133	58	0.028	0.002	0.0067	0.0003	1.0	0.0
08/07/2003	4:30 PM	1	2 of 2	119	24	0.031	0.002	0.0079	0.0005	1.1	0.0
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1of 1	3,980	56	2.1	0.1	0.51	0.02	2.3	0.4
02/13/2002	2:20 PM	52	1 of 2	547	21	0.055	0.009	0.012	0.001	0.8	0.1
02/13/2002	2:20 PM	52	2 of 2	502	31	0.061	0.004	0.012	0.000	0.8	0.1
04/23/2002	1:10 PM	20	1 of 2	117	22	0.013	0.007	0.0021	0.0004	0.8	0.0
04/23/2002	1:10 PM	20	2 of 2	123	21	0.010	0.002	0.0025	0.0009	0.8	0.0
11/05/2002	2:00 PM	1	1 of 2	1,730	189	12	0	3.4	0.0	3.7	0.2
11/05/2002	2:00 PM	1	2 of 2	1,750	40	12	1	3.3	0.1	3.7	0.0

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Lanthanum (La)		Lithium (Li)		Lutetium (Lu)		Magnesium (Mg)	
				µg/L (01182)		µg/L (01132)		µg/L (01244)		mg/L (00921)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	0.071	0.006	0.4	0.2	<0.0009	0.0006	6.4	0.2
10/30/2001	5:15 PM	10	2 of 2	0.065	0.004	0.2	0.1	0.0010	0.0009	6.4	0.4
02/12/2002	12:00 PM	8	1 of 2	0.059	0.005	0.7	0.1	0.002	0.001	4.6	0.3
02/12/2002	12:00 PM	8	2 of 2	0.056	0.002	0.6	0.1	0.002	0.000	3.6	0.3
04/22/2002	3:20 PM	10	1 of 2	0.033	0.003	0.65	0.10	<0.001	0.000	3.3	0.0
04/22/2002	3:20 PM	10	2 of 2	0.029	0.003	0.61	0.17	0.001	0.001	3.5	0.4
08/06/2002	4:30 PM	10	1 of 2	0.022	0.003	0.39	0.10	<0.001	0.000	3.4	0.2
08/06/2002	4:30 PM	10	2 of 2	0.024	0.003	0.46	0.15	<0.001	0.000	3.4	0.2
04/15/2003	10:30 AM	40	1 of 2	0.32	0.00	0.82	0.08	0.007	0.002	3.7	0.2
04/15/2003	10:30 AM	40	2 of 2	0.22	0.01	0.75	0.17	0.004	0.000	3.4	0.2
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	0.23	0.00	0.9	0.6	0.0057	0.0012	5.8	0.3
11/01/2001	8:30 AM	70	2 of 2	0.25	0.01	0.8	0.3	0.0068	0.0034	5.8	0.5
02/12/2002	11:00 AM	140	1 of 2	1.6	0.0	0.5	0.1	0.002	0.000	4.1	0.0
02/12/2002	11:00 AM	140	2 of 2	0.089	0.005	0.6	0.2	0.003	0.001	4.0	0.0
04/22/2002	3:00 PM	140	1 of 2	0.077	0.006	0.64	0.13	0.002	0.001	3.4	0.2
04/22/2002	3:00 PM	140	2 of 2	0.080	0.007	0.63	0.03	0.002	0.001	3.5	0.3
08/08/2002	12:00 PM	45	1 of 2	0.028	0.001	0.43	0.07	0.001	0.001	3.5	0.2
08/08/2002	12:00 PM	45	2 of 2	0.040	0.002	0.42	0.07	0.001	0.001	2.9	0.2
08/08/2002	1:30 PM	113	1 of 2	0.038	0.002	0.46	0.10	0.002	0.001	2.8	0.2
08/08/2002	1:30 PM	113	2 of 2	0.029	0.002	0.36	0.05	<0.001	0.000	3.4	0.3
11/04/2002	3:50 PM	10	1 of 2	0.25	0.01	0.66	0.19	0.0035	0.0016	5.1	0.3
11/04/2002	3:50 PM	10	2 of 2	0.25	0.01	0.66	0.17	0.0044	0.0012	5.0	0.4
11/04/2002	3:20 PM	55	1 of 2	0.18	0.01	0.37	0.03	0.0037	0.0003	5.2	0.3
11/04/2002	3:20 PM	55	2 of 2	0.18	0.00	0.43	0.04	0.0039	0.0011	5.2	0.3
01/29/2003	2:30 PM	10	1 of 2	0.059	0.005	0.51	0.14	0.0024	0.0013	3.6	0.1
01/29/2003	2:30 PM	10	2 of 2	0.056	0.002	0.84	0.27	0.0018	0.0005	3.3	0.4
01/28/2003	4:40 PM	140	1 of 2	0.097	0.006	0.75	0.34	0.0029	0.0001	2.4	0.2
01/28/2003	4:40 PM	140	2 of 2	0.092	0.001	0.72	0.34	0.0025	0.0007	2.5	0.2
04/16/2003	4:00 PM	150	1 of 2	0.055	0.002	0.62	0.12	0.002	0.000	2.6	0.2
04/16/2003	4:00 PM	150	2 of 2	0.054	0.007	0.64	0.19	0.003	0.000	2.6	0.2
08/05/2003	12:30 PM	1	1 of 2	0.022	0.005	0.6	0.0	<0.0008	0.0001	3.1	0.3
08/05/2003	12:30 PM	1	2 of 2	0.024	0.002	0.6	0.1	0.0009	0.0003	3.1	0.4
08/05/2003	3:30 PM	73	1 of 2	0.049	0.005	0.3	0.1	0.0013	0.0007	2.9	0.3
08/05/2003	3:30 PM	73	2 of 2	0.050	0.006	0.6	0.5	0.0017	0.0006	2.9	0.3
08/05/2003	1:00 PM	120	1 of 2	0.043	0.005	0.5	0.2	0.0012	0.0009	3.1	0.3
08/05/2003	1:00 PM	120	2 of 2	0.038	0.003	0.4	0.0	0.0014	0.0002	3.1	0.4

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Lanthanum (La) µg/L (01182)		Lithium (Li) µg/L (01132)		Lutetium (Lu) µg/L (01244)		Magnesium (Mg) mg/L (00921)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	0.046	0.008	0.5	0.1	<0.0009	0.0007	6.4	0.6
10/29/2001	4:15 PM	6	2 of 2	0.042	0.006	0.3	0.1	0.0009	0.0009	6.3	0.1
02/12/2002	1:30 PM	60	1 of 2	0.061	0.006	0.7	0.1	0.003	0.001	4.0	0.2
02/12/2002	1:30 PM	60	2 of 2	0.050	0.001	0.6	0.1	0.002	0.000	4.5	0.2
04/22/2002	1:50 PM	10	1 of 2	0.039	0.007	0.45	0.01	0.002	0.000	3.3	0.3
04/22/2002	1:50 PM	10	2 of 2	0.039	0.005	0.69	0.19	0.001	0.000	3.4	0.2
04/15/2003	12:40 PM	32	1 of 2	0.033	0.003	0.51	0.10	<0.001	0.001	3.0	0.2
04/15/2003	12:40 PM	32	2 of 2	0.039	0.006	0.69	0.09	<0.001	0.001	3.0	0.3
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	0.25	0.03	0.5	0.2	0.0042	0.0006	6.3	0.1
10/29/2001	2:45 PM	50	2 of 2	0.26	0.01	0.5	0.3	0.0041	0.0007	6.4	0.1
02/13/2002	8:30 AM	120	1 of 2	0.086	0.003	0.6	0.2	0.002	0.001	3.7	0.1
02/13/2002	8:30 AM	120	2 of 2	0.082	0.001	0.5	0.1	0.002	0.001	3.7	0.3
04/22/2002	12:20 PM	120	1 of 2	0.088	0.003	0.68	0.24	0.003	0.000	3.5	0.3
04/22/2002	12:20 PM	120	2 of 2	0.090	0.002	0.71	0.18	0.003	0.001	3.5	0.2
08/07/2002	12:10 PM	10	1 of 2	0.029	0.004	0.56	0.08	<0.001	0.001	3.4	0.2
08/07/2002	12:10 PM	10	2 of 2	0.031	0.002	0.55	0.27	<0.001	0.000	3.4	0.3
08/07/2002	12:40 PM	47	1 of 2	0.042	0.003	0.42	0.00	0.002	0.001	3.0	0.3
08/07/2002	12:40 PM	47	2 of 2	0.041	0.001	0.44	0.13	0.001	0.001	3.0	0.2
08/08/2002	2:50 PM	80	1 of 2	0.053	0.004	0.40	0.15	0.002	0.000	3.3	0.3
08/08/2002	2:50 PM	80	2 of 2	0.051	0.001	0.43	0.08	0.002	0.001	3.4	0.3
11/05/2002	2:30 PM	10	1 of 2	0.16	0.01	0.55	0.13	0.0033	0.0007	5.2	0.3
11/05/2002	2:30 PM	10	2 of 2	0.16	0.01	0.64	0.10	0.0031	0.0009	5.2	0.6
11/05/2002	2:10 PM	30	1 of 2	0.32	0.03	0.62	0.13	0.0064	0.0002	5.6	0.5
11/05/2002	2:10 PM	30	2 of 2	0.32	0.03	0.62	0.04	0.0049	0.0014	5.4	0.0
01/29/2003	2:00 PM	10	1 of 2	0.070	0.001	0.86	0.39	0.0028	0.0008	3.1	0.3
01/29/2003	2:00 PM	10	2 of 2	0.071	0.004	0.87	0.53	0.0027	0.0008	3.0	0.2
01/28/2003	3:30 PM	120	1 of 2	0.091	0.004	0.79	0.01	0.0026	0.0004	2.6	0.2
01/28/2003	3:30 PM	120	2 of 2	0.080	0.005	0.67	0.27	0.0025	0.0002	2.7	0.3
04/17/2003	10:30 AM	125	1 of 2	0.072	0.010	0.63	0.26	0.002	0.001	2.7	0.1
04/17/2003	10:30 AM	125	2 of 2	0.066	0.006	0.42	0.03	0.003	0.002	2.8	0.2
08/07/2003	11:30 AM	1	1 of 2	0.026	0.003	0.6	0.3	<0.0008	0.0008	3.1	0.3
08/07/2003	11:30 AM	1	2 of 2	0.022	0.000	0.7	0.3	0.0010	0.0003	3.1	0.3
08/07/2003	11:50 AM	100	1 of 2	0.057	0.005	0.5	0.2	0.0016	0.0003	3.2	0.4
08/07/2003	11:50 AM	100	2 of 2	0.055	0.004	0.6	0.3	0.0014	0.0004	3.2	0.4

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Lanthanum (La) µg/L (01182)		Lithium (Li) µg/L (01132)		Lutetium (Lu) µg/L (01244)		Magnesium (Mg) mg/L (00921)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)											
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	0.14	0.02	0.5	0.2	0.0020	0.0007	6.2	0.1
10/31/2001	10:15 AM	12	2 of 2	0.14	0.01	0.4	0.1	0.0014	0.0004	6.1	0.1
02/13/2002	9:00 AM	80	1 of 2	0.100	0.003	0.6	0.2	<0.001	0.001	3.0	0.1
02/13/2002	9:00 AM	80	2 of 2	0.092	0.003	0.7	0.2	0.003	0.000	3.4	0.2
04/22/2002	10:40 AM	80	1 of 2	0.094	0.006	0.65	0.11	0.002	0.001	3.1	0.3
04/22/2002	10:40 AM	80	2 of 2	0.081	0.006	0.56	0.04	0.002	0.001	3.2	0.3
08/06/2002	5:50 PM	10	1 of 2	0.032	0.005	0.48	0.18	<0.001	0.000	3.6	0.2
08/06/2002	5:50 PM	10	2 of 2	0.030	0.000	0.46	0.22	<0.001	0.000	3.5	0.3
08/06/2002	6:20 PM	55	1 of 2	0.062	0.006	0.40	0.06	0.001	0.001	3.4	0.2
08/06/2002	6:20 PM	55	2 of 2	0.062	0.006	0.54	0.20	0.001	0.000	3.4	0.2
11/05/2002	4:10 PM	7	1 of 2	0.17	0.01	0.50	0.14	0.0024	0.0010	5.3	0.4
11/05/2002	4:10 PM	7	2 of 2	0.16	0.01	0.49	0.11	0.0026	0.0011	5.2	0.3
01/29/2003	1:20 PM	10	1 of 2	0.077	0.005	1.3	0.5	0.0022	0.0007	2.2	0.1
01/29/2003	1:20 PM	10	2 of 2	0.074	0.006	1.0	0.2	0.0021	0.0005	2.2	0.2
01/28/2003	2:50 PM	85	1 of 2	0.083	0.008	0.72	0.20	0.0021	0.0005	2.5	0.1
01/28/2003	2:50 PM	85	2 of 2	0.079	0.004	0.94	0.30	0.0033	0.0003	2.7	0.4
04/17/2003	11:30 AM	90	1 of 2	0.096	0.004	0.55	0.08	0.003	0.001	2.8	0.2
04/17/2003	11:30 AM	90	2 of 2	0.095	0.009	0.68	0.19	0.002	0.001	2.8	0.2
08/07/2003	10:00 AM	1	1 of 2	0.033	0.003	0.7	0.2	0.0009	0.0004	3.3	0.5
08/07/2003	10:00 AM	1	2 of 2	0.031	0.004	0.9	0.4	<0.0008	0.0008	3.3	0.4
08/06/2003	3:00 PM	100	1 of 2	0.63	0.04	1.0	0.2	0.011	0.000	3.7	0.5
08/06/2003	3:00 PM	100	2 of 2	0.60	0.06	1.0	0.2	0.0090	0.0000	3.7	0.4
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	0.061	0.002	0.3	0.3	<0.0009	0.0003	6.5	0.1
10/31/2001	1:00 PM	4	2 of 2	0.058	0.006	<0.2	0.2	0.0009	0.0007	6.5	0.1
02/13/2002	1:00 PM	20	1 of 2	0.060	0.002	0.6	0.1	0.002	0.001	4.2	0.5
02/13/2002	1:00 PM	20	2 of 2	0.066	0.003	0.4	0.1	0.002	0.001	4.2	0.3
04/23/2002	12:10 PM	20	1 of 2	0.034	0.003	0.55	0.11	<0.001	0.000	3.5	0.1
04/23/2002	12:10 PM	20	2 of 2	0.039	0.001	0.63	0.09	0.002	0.001	3.5	0.3
08/07/2002	6:50 PM	57	1 of 2	0.074	0.009	0.48	0.17	0.002	0.001	3.4	0.3
08/07/2002	6:50 PM	57	2 of 2	0.070	0.006	0.45	0.16	0.002	0.001	3.5	0.1
01/30/2003	3:30 PM	55	1 of 2	0.082	0.003	0.82	0.21	0.0027	0.0006	3.0	0.5
01/30/2003	3:30 PM	55	2 of 2	0.080	0.006	0.65	0.06	0.0026	0.0011	2.9	0.3
04/17/2003	2:30 PM	55	1 of 2	0.10	0.00	0.59	0.13	0.003	0.001	3.2	0.1
04/17/2003	2:30 PM	55	2 of 2	0.10	0.01	0.60	0.24	0.002	0.001	3.2	0.1
08/07/2003	4:00 PM	1	1 of 2	0.044	0.005	0.6	0.3	0.0023	0.0003	3.3	0.3
08/07/2003	4:00 PM	1	2 of 2	0.040	0.003	0.6	0.2	0.0014	0.0010	3.3	0.4

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued*.

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Lanthanum (La) µg/L (01182)		Lithium (Li) µg/L (01132)		Lutetium (Lu) µg/L (01244)		Magnesium (Mg) mg/L (00921)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	0.029	0.002	0.41	0.03	<0.001	0.000	3.4	0.3
08/07/2002	3:40 PM	10	2 of 2	0.028	0.004	0.45	0.12	<0.001	0.000	3.3	0.1
04/17/2003	1:20 PM	80	1 of 2	0.066	0.004	0.65	0.16	0.002	0.001	2.9	0.2
04/17/2003	1:20 PM	80	2 of 2	0.067	0.006	0.74	0.11	0.002	0.000	2.8	0.2
08/07/2003	1:00 PM	1	1 of 2	0.049	0.005	0.8	0.4	<0.0008	0.0004	3.2	0.2
08/07/2003	1:00 PM	1	2 of 2	0.031	0.006	0.6	0.3	0.0013	0.0006	3.1	0.3
08/07/2003	1:30 PM	40	1 of 2	0.062	0.007	0.6	0.3	0.0020	0.0007	2.7	0.3
08/07/2003	1:30 PM	40	2 of 2	0.060	0.007	0.6	0.2	0.0023	0.0005	2.7	0.3
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121117101											
10/31/2001	2:15 PM	1	1 of 2	9.7	0.1	6.9	0.8	0.41	0.05	39	0
10/31/2001	2:15 PM	1	2 of 2	9.0	0.8	6.4	0.1	0.40	0.05	40	1
02/13/2002	3:10 PM	10	1 of 2	0.060	0.002	0.6	0.1	0.002	0.000	4.4	0.1
02/13/2002	3:10 PM	10	2 of 2	0.053	0.001	0.7	0.2	0.002	0.002	4.4	0.4
02/13/2002	3:30 PM	35	1of 1	0.10	0.00	0.7	0.2	0.004	0.000	4.4	0.2
04/24/2002	11:10 AM	30	1 of 2	0.065	0.004	0.68	0.10	0.002	0.000	3.1	0.3
04/24/2002	11:10 AM	30	2 of 2	0.062	0.002	0.60	0.16	0.001	0.000	3.2	0.2
08/07/2002	5:00 PM	1	1 of 2	1.1	0.0	1.7	0.2	0.044	0.002	9.5	0.0
08/07/2002	5:00 PM	1	2 of 2	1.1	0.0	1.8	0.2	0.045	0.001	9.1	0.7
11/05/2002	2:50 PM	0	1 of 2	5.7	0.1	5.7	0.5	0.26	0.01	24	1
11/05/2002	2:50 PM	0	2 of 2	5.6	0.1	5.8	0.1	0.25	0.00	24	2
01/30/2003	12:30 PM	10	1 of 2	0.057	0.004	0.58	0.04	0.0018	0.0005	3.3	0.4
01/30/2003	12:30 PM	10	2 of 2	0.056	0.003	0.73	0.28	0.0028	0.0002	3.1	0.3
01/30/2003	1:20 PM	38	1 of 2	0.84	0.01	1.6	0.1	0.039	0.001	7.3	0.1
01/30/2003	1:20 PM	38	2 of 2	0.82	0.01	1.6	0.1	0.039	0.001	6.8	0.5
04/17/2003	4:00 PM	40	1 of 2	1.4	0.0	1.7	0.2	0.063	0.006	6.7	0.3
04/17/2003	4:00 PM	40	2 of 2	1.5	0.1	1.6	0.2	0.068	0.001	6.6	0.4
08/07/2003	4:30 PM	1	1 of 2	0.075	0.009	1.2	0.2	0.0018	0.0000	4.9	0.6
08/07/2003	4:30 PM	1	2 of 2	0.075	0.004	1.0	0.2	0.0025	0.0005	5.0	0.6
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 3901521211171001											
10/31/2001	2:40 PM	1	1of 1	3.8	0.4	1.9	0.3	0.152	0.017	50	0
02/13/2002	2:20 PM	52	1 of 2	0.12	0.00	0.8	0.1	0.005	0.001	4.9	0.2
02/13/2002	2:20 PM	52	2 of 2	0.12	0.00	0.6	0.1	0.004	0.001	4.7	0.2
04/23/2002	1:10 PM	20	1 of 2	0.037	0.004	0.67	0.08	0.001	0.000	3.3	0.2
04/23/2002	1:10 PM	20	2 of 2	0.038	0.004	0.56	0.07	0.001	0.001	3.5	0.3
11/05/2002	2:00 PM	1	1 of 2	15	1	8.0	0.0	1.0	0.1	131	12
11/05/2002	2:00 PM	1	2 of 2	14	1	7.6	0.0	0.99	0.09	128	10

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Manganese (Mn)		Molybdenum (Mo)		Sodium (Na)		Neodymium (Nd)	
				µg/L (01055)		µg/L (01062)		mg/L (00923)		µg/L (01237)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	55	1	<0.4	0.3	5.2	0.2	0.086	0.002
10/30/2001	5:15 PM	10	2 of 2	56	3	0.5	0.7	5.3	0.3	0.083	0.015
02/12/2002	12:00 PM	8	1 of 2	7.4	0.6	0.5	0.5	3.7	0.1	0.07	0.01
02/12/2002	12:00 PM	8	2 of 2	5.9	0.6	0.7	0.4	3.7	0.2	0.07	0.00
04/22/2002	3:20 PM	10	1 of 2	3.7	0.3	0.5	0.1	4.4	0.2	0.046	0.006
04/22/2002	3:20 PM	10	2 of 2	3.8	0.6	<0.4	0.4	4.0	0.1	0.046	0.003
08/06/2002	4:30 PM	10	1 of 2	12	1	0.4	0.4	4.5	0.5	0.034	0.009
08/06/2002	4:30 PM	10	2 of 2	12	1	0.5	0.1	4.5	0.4	0.030	0.005
04/15/2003	10:30 AM	40	1 of 2	91	10	1.6	0.3	3.1	0.2	0.42	0.03
04/15/2003	10:30 AM	40	2 of 2	37	2	0.6	0.7	3.1	0.1	0.29	0.02
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	3,500	42	<0.7	0.2	5.0	0.3	0.31	0.02
11/01/2001	8:30 AM	70	2 of 2	3,550	303	<0.7	0.5	5.0	0.3	0.32	0.01
02/12/2002	11:00 AM	140	1 of 2	24	1	0.4	0.6	3.5	0.2	0.73	0.01
02/12/2002	11:00 AM	140	2 of 2	24	1	1.8	0.4	3.5	0.1	0.13	0.01
04/22/2002	3:00 PM	140	1 of 2	21	2	0.8	0.7	3.9	0.1	0.095	0.004
04/22/2002	3:00 PM	140	2 of 2	20	0	0.8	0.8	4.1	0.1	0.11	0.01
08/08/2002	12:00 PM	45	1 of 2	152	11	0.8	0.7	3.9	0.3	0.038	0.003
08/08/2002	12:00 PM	45	2 of 2	21	1	0.8	0.7	3.9	0.2	0.053	0.003
08/08/2002	1:30 PM	113	1 of 2	20	1	<0.4	0.2	3.5	0.3	0.046	0.009
08/08/2002	1:30 PM	113	2 of 2	157	4	<0.4	0.1	3.8	0.4	0.043	0.002
11/04/2002	3:50 PM	10	1 of 2	1,380	79	<0.3	0.0	5.3	0.3	0.29	0.00
11/04/2002	3:50 PM	10	2 of 2	1,370	99	0.5	0.2	5.4	0.2	0.30	0.01
11/04/2002	3:20 PM	55	1 of 2	338	1	0.4	0.1	5.6	0.2	0.21	0.01
11/04/2002	3:20 PM	55	2 of 2	347	18	0.3	0.2	5.9	0.2	0.22	0.02
01/29/2003	2:30 PM	10	1 of 2	3.0	0.5	<0.4	0.1	4.0	0.1	0.073	0.012
01/29/2003	2:30 PM	10	2 of 2	3.4	0.9	<0.4	0.3	3.8	0.0	0.092	0.004
01/28/2003	4:40 PM	140	1 of 2	43	1	<0.4	0.2	3.4	0.1	0.13	0.00
01/28/2003	4:40 PM	140	2 of 2	44	5	<0.4	0.2	3.3	0.1	0.15	0.01
04/16/2003	4:00 PM	150	1 of 2	46	1	<0.5	0.3	3.0	0.4	0.07	0.01
04/16/2003	4:00 PM	150	2 of 2	46	0	<0.5	0.2	2.8	0.0	0.08	0.01
08/05/2003	12:30 PM	1	1 of 2	7.8	0.6	<0.4	0.3	4.1	0.2	0.024	0.010
08/05/2003	12:30 PM	1	2 of 2	7.9	0.7	<0.4	0.3	4.2	0.1	0.030	0.003
08/05/2003	3:30 PM	73	1 of 2	15	1	<0.4	0.3	3.9	0.3	0.066	0.007
08/05/2003	3:30 PM	73	2 of 2	15	2	0.9	0.0	3.7	0.3	0.062	0.009
08/05/2003	1:00 PM	120	1 of 2	502	47	<0.4	0.4	3.9	0.6	0.055	0.009
08/05/2003	1:00 PM	120	2 of 2	488	60	<0.4	0.0	3.8	0.2	0.047	0.002

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued*.

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Manganese (Mn)		Molybdenum (Mo)		Sodium (Na)		Neodymium (Nd)	
				µg/L (01055)		µg/L (01062)		mg/L (00923)		µg/L (01237)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	62	4	<0.4	0.2	5.2	0.1	0.054	0.003
10/29/2001	4:15 PM	6	2 of 2	62	1	<0.4	0.3	5.2	0.1	0.052	0.008
02/12/2002	1:30 PM	60	1 of 2	6.9	2.1	0.4	0.2	3.8	0.1	0.10	0.01
02/12/2002	1:30 PM	60	2 of 2	7.6	0.4	0.4	0.4	3.5	0.2	0.06	0.00
04/22/2002	1:50 PM	10	1 of 2	4.1	0.0	<0.4	0.4	3.9	0.2	0.052	0.007
04/22/2002	1:50 PM	10	2 of 2	4.4	0.3	<0.4	0.1	4.2	0.1	0.044	0.007
04/15/2003	12:40 PM	32	1 of 2	5.4	0.4	<0.5	0.2	3.1	0.3	0.04	0.00
04/15/2003	12:40 PM	32	2 of 2	5.1	0.6	<0.5	0.0	2.9	0.1	0.05	0.01
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	322	1	<0.4	0.2	5.2	0.0	0.28	0.01
10/29/2001	2:45 PM	50	2 of 2	318	1	<0.4	0.4	5.5	0.2	0.32	0.00
02/13/2002	8:30 AM	120	1 of 2	20	0	0.4	0.3	3.4	0.1	0.12	0.01
02/13/2002	8:30 AM	120	2 of 2	19	2	<0.3	0.2	3.4	0.2	0.12	0.01
04/22/2002	12:20 PM	120	1 of 2	19	3	<0.4	0.1	4.2	0.1	0.11	0.02
04/22/2002	12:20 PM	120	2 of 2	20	2	0.4	0.4	3.9	0.1	0.11	0.01
08/07/2002	12:10 PM	10	1 of 2	15	1	0.6	0.3	4.3	0.4	0.031	0.005
08/07/2002	12:10 PM	10	2 of 2	16	1	<0.4	0.1	4.3	0.2	0.034	0.010
08/07/2002	12:40 PM	47	1 of 2	75	7	<0.4	0.1	3.8	0.4	0.063	0.005
08/07/2002	12:40 PM	47	2 of 2	77	4	<0.4	0.3	3.8	0.1	0.048	0.001
08/08/2002	2:50 PM	80	1 of 2	44	3	<0.4	0.3	3.9	0.3	0.069	0.012
08/08/2002	2:50 PM	80	2 of 2	44	0	<0.4	0.2	3.8	0.2	0.066	0.005
11/05/2002	2:30 PM	10	1 of 2	224	13	0.4	0.3	5.7	0.1	0.19	0.00
11/05/2002	2:30 PM	10	2 of 2	224	25	0.8	0.2	5.9	0.3	0.18	0.01
11/05/2002	2:10 PM	30	1 of 2	290	28	0.5	0.2	6.2	0.1	0.39	0.04
11/05/2002	2:10 PM	30	2 of 2	284	2	<0.3	0.1	6.1	0.5	0.41	0.02
01/29/2003	2:00 PM	10	1 of 2	6.0	0.6	0.4	0.4	4.0	0.1	0.096	0.007
01/29/2003	2:00 PM	10	2 of 2	5.6	0.5	<0.4	0.1	3.7	0.0	0.096	0.027
01/28/2003	3:30 PM	120	1 of 2	24	3	0.5	0.4	3.5	0.1	0.12	0.01
01/28/2003	3:30 PM	120	2 of 2	23	2	0.5	0.1	3.4	0.1	0.14	0.01
04/17/2003	10:30 AM	125	1 of 2	45	2	<0.5	0.2	3.1	0.1	0.08	0.02
04/17/2003	10:30 AM	125	2 of 2	43	0	<0.5	0.1	3.1	0.2	0.09	0.01
08/07/2003	11:30 AM	1	1 of 2	11	1	0.5	0.6	4.2	0.2	0.028	0.011
08/07/2003	11:30 AM	1	2 of 2	11	0	<0.4	0.2	4.2	0.1	0.046	0.026
08/07/2003	11:50 AM	100	1 of 2	409	43	<0.4	0.3	3.8	0.3	0.064	0.004
08/07/2003	11:50 AM	100	2 of 2	423	46	<0.4	0.0	3.9	0.4	0.065	0.006

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Manganese (Mn)		Molybdenum (Mo)		Sodium (Na)		Neodymium (Nd)	
				µg/L (01055)		µg/L (01062)		mg/L (00923)		µg/L (01237)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)											
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	103	1	<0.4	0.2	5.3	0.1	0.17	0.01
10/31/2001	10:15 AM	12	2 of 2	100	0	<0.4	0.3	5.3	0.1	0.16	0.01
02/13/2002	9:00 AM	80	1 of 2	21	0	1.4	0.2	3.4	0.2	0.14	0.01
02/13/2002	9:00 AM	80	2 of 2	24	1	0.7	0.5	3.4	0.1	0.13	0.00
04/22/2002	10:40 AM	80	1 of 2	24	2	0.4	0.4	4.1	0.2	0.11	0.00
04/22/2002	10:40 AM	80	2 of 2	24	2	0.6	0.2	3.9	0.1	0.11	0.01
08/06/2002	5:50 PM	10	1 of 2	19	1	0.5	0.2	4.3	0.2	0.039	0.006
08/06/2002	5:50 PM	10	2 of 2	18	1	0.5	0.4	4.2	0.2	0.033	0.005
08/06/2002	6:20 PM	55	1 of 2	341	24	1.0	0.6	4.0	0.3	0.075	0.002
08/06/2002	6:20 PM	55	2 of 2	341	18	0.5	0.6	4.1	0.2	0.078	0.006
11/05/2002	4:10 PM	7	1 of 2	133	10	0.3	0.0	6.1	0.3	0.20	0.03
11/05/2002	4:10 PM	7	2 of 2	131	6	0.6	0.3	5.9	0.2	0.19	0.00
01/29/2003	1:20 PM	10	1 of 2	7.0	1.0	<0.4	0.0	3.5	0.2	0.11	0.01
01/29/2003	1:20 PM	10	2 of 2	7.3	1.3	<0.4	0.1	3.5	0.2	0.12	0.00
01/28/2003	2:50 PM	85	1 of 2	21	1	<0.4	0.2	3.4	0.3	0.10	0.00
01/28/2003	2:50 PM	85	2 of 2	23	3	<0.4	0.0	3.5	0.2	0.12	0.01
04/17/2003	11:30 AM	90	1 of 2	29	2	<0.5	0.3	3.0	0.3	0.13	0.02
04/17/2003	11:30 AM	90	2 of 2	29	3	<0.5	0.2	3.0	0.3	0.14	0.01
08/07/2003	10:00 AM	1	1 of 2	15	2	<0.4	0.2	4.3	0.6	0.037	0.004
08/07/2003	10:00 AM	1	2 of 2	15	1	<0.4	0.2	4.3	0.4	0.039	0.007
08/06/2003	3:00 PM	100	1 of 2	846	113	1.4	1.4	4.1	0.3	0.78	0.00
08/06/2003	3:00 PM	100	2 of 2	847	86	0.8	0.9	4.2	0.0	0.77	0.06
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	89	1	<0.4	0.5	5.5	0.3	0.073	0.003
10/31/2001	1:00 PM	4	2 of 2	90	1	0.8	0.9	5.3	0.1	0.081	0.013
02/13/2002	1:00 PM	20	1 of 2	9.3	1.6	<0.3	0.1	3.6	0.1	0.09	0.01
02/13/2002	1:00 PM	20	2 of 2	9.7	0.5	0.4	0.2	3.6	0.1	0.09	0.01
04/23/2002	12:10 PM	20	1 of 2	6.0	0.2	0.5	0.5	4.1	0.3	0.050	0.003
04/23/2002	12:10 PM	20	2 of 2	6.3	0.3	0.9	0.7	4.2	0.4	0.053	0.008
08/07/2002	6:50 PM	57	1 of 2	186	19	<0.4	0.1	4.2	0.2	0.081	0.001
08/07/2002	6:50 PM	57	2 of 2	187	2	0.6	0.3	4.2	0.2	0.089	0.002
01/30/2003	3:30 PM	55	1 of 2	12	2	<0.4	0.0	3.6	0.1	0.13	0.01
01/30/2003	3:30 PM	55	2 of 2	12	1	0.5	0.3	3.7	0.1	0.13	0.01
04/17/2003	2:30 PM	55	1 of 2	30	2	<0.5	0.2	3.4	0.2	0.14	0.01
04/17/2003	2:30 PM	55	2 of 2	30	2	0.5	0.6	3.4	0.1	0.15	0.02
08/07/2003	4:00 PM	1	1 of 2	23	2	<0.4	0.1	4.1	0.3	0.048	0.004
08/07/2003	4:00 PM	1	2 of 2	24	2	<0.4	0.3	4.2	0.3	0.044	0.003

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued*.

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Manganese (Mn) µg/L (01055)		Molybdenum (Mo) µg/L (01062)		Sodium (Na) mg/L (00923)		Neodymium (Nd) µg/L (01237)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	19	2	<0.4	0.0	4.1	0.2	0.041	0.013
08/07/2002	3:40 PM	10	2 of 2	19	1	<0.4	0.1	4.1	0.4	0.037	0.014
04/17/2003	1:20 PM	80	1 of 2	15	1	<0.5	0.4	3.2	0.2	0.09	0.02
04/17/2003	1:20 PM	80	2 of 2	14	1	<0.5	0.1	3.1	0.2	0.08	0.02
08/07/2003	1:00 PM	1	1 of 2	15	2	<0.4	0.3	4.1	0.3	0.053	0.004
08/07/2003	1:00 PM	1	2 of 2	15	2	<0.4	0.1	4.2	0.1	0.035	0.004
08/07/2003	1:30 PM	40	1 of 2	81	4	<0.4	0.1	4.1	0.4	0.082	0.007
08/07/2003	1:30 PM	40	2 of 2	80	4	<0.4	0.1	3.9	0.2	0.063	0.004
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	3,990	27	<0.4	0.1	6.6	0.0	16	2
10/31/2001	2:15 PM	1	2 of 2	4,090	33	<0.4	0.2	6.8	0.4	16	1
02/13/2002	3:10 PM	10	1 of 2	10	1	0.6	0.2	3.6	0.1	0.10	0.01
02/13/2002	3:10 PM	10	2 of 2	11	0	0.4	0.2	3.6	0.1	0.09	0.01
02/13/2002	3:30 PM	35	1 of 1	45	2	<0.3	0.2	3.5	0.1	0.15	0.01
04/24/2002	11:10 AM	30	1 of 2	22	0	0.4	0.4	4.1	0.2	0.081	0.005
04/24/2002	11:10 AM	30	2 of 2	19	0	<0.4	0.0	3.9	0.2	0.10	0.01
08/07/2002	5:00 PM	1	1 of 2	724	6	<0.4	0.0	4.8	0.5	1.6	0.0
08/07/2002	5:00 PM	1	2 of 2	698	51	<0.4	0.3	4.6	0.3	1.6	0.0
11/05/2002	2:50 PM	0	1 of 2	2,260	132	<0.3	0.1	6.9	0.0	9.6	0.2
11/05/2002	2:50 PM	0	2 of 2	2,240	162	<0.3	0.2	7.1	0.1	9.5	0.2
01/30/2003	12:30 PM	10	1 of 2	5.7	0.7	<0.4	0.1	3.9	0.2	0.079	0.006
01/30/2003	12:30 PM	10	2 of 2	4.9	0.3	0.4	0.4	3.8	0.2	0.086	0.001
01/30/2003	1:20 PM	38	1 of 2	331	19	<0.4	0.3	4.4	0.0	1.4	0.0
01/30/2003	1:20 PM	38	2 of 2	324	18	0.8	0.5	5.9	0.4	1.3	0.0
04/17/2003	4:00 PM	40	1 of 2	452	5	0.7	0.1	3.2	0.3	2.0	0.0
04/17/2003	4:00 PM	40	2 of 2	443	26	<0.5	0.4	3.1	0.2	2.2	0.2
08/07/2003	4:30 PM	1	1 of 2	200	22	0.5	0.6	3.8	0.0	0.076	0.008
08/07/2003	4:30 PM	1	2 of 2	206	21	0.5	0.7	4.3	0.3	0.089	0.016
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1 of 1	5,860	100	<0.7	0.4	11	0	6.0	0.2
02/13/2002	2:20 PM	52	1 of 2	51	0	<0.3	0.1	3.5	0.1	0.17	0.01
02/13/2002	2:20 PM	52	2 of 2	49	3	<0.3	0.2	3.6	0.1	0.17	0.01
04/23/2002	1:10 PM	20	1 of 2	5.8	1.1	0.6	0.4	4.0	0.1	0.052	0.004
04/23/2002	1:10 PM	20	2 of 2	5.8	0.8	<0.4	0.1	4.0	0.2	0.049	0.007
11/05/2002	2:00 PM	1	1 of 2	17,900	1,662	0.6	0.4	15	1	26	1
11/05/2002	2:00 PM	1	2 of 2	17,500	1,308	0.3	0.3	15	0	26	2

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Nickel (Ni)		Lead (Pb)		Praseodymium (Pr)		Rubidium (Rb)	
				µg/L (01067)		µg/L (01051)		µg/L (010238)		µg/L (01137)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	1.8	0.1	0.14	0.02	0.014	0.004	1.1	0.1
10/30/2001	5:15 PM	10	2 of 2	1.7	0.1	0.15	0.04	0.018	0.005	1.1	0.1
02/12/2002	12:00 PM	8	1 of 2	1.4	0.0	<0.4	0.2	0.015	0.002	0.63	0.03
02/12/2002	12:00 PM	8	2 of 2	2.3	0.2	<0.4	0.2	0.016	0.007	0.58	0.00
04/22/2002	3:20 PM	10	1 of 2	1.4	0.0	0.44	0.12	0.010	0.001	0.69	0.00
04/22/2002	3:20 PM	10	2 of 2	1.3	0.0	0.14	0.06	0.008	0.001	0.61	0.01
08/06/2002	4:30 PM	10	1 of 2	0.92	0.08	0.15	0.05	0.006	0.000	0.61	0.04
08/06/2002	4:30 PM	10	2 of 2	0.89	0.07	0.12	0.01	0.006	0.000	0.60	0.04
04/15/2003	10:30 AM	40	1 of 2	4.2	0.1	0.88	0.21	0.092	0.004	1.9	0.0
04/15/2003	10:30 AM	40	2 of 2	3.6	0.3	0.44	0.03	0.065	0.011	1.3	0.1
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	2.8	0.2	0.54	0.03	0.066	0.006	1.48	0.13
11/01/2001	8:30 AM	70	2 of 2	2.7	0.3	0.49	0.04	0.060	0.008	1.43	0.10
02/12/2002	11:00 AM	140	1 of 2	3.3	0.1	<0.4	0.3	0.21	0.00	0.68	0.03
02/12/2002	11:00 AM	140	2 of 2	3.2	0.1	<0.4	0.1	0.027	0.003	0.70	0.04
04/22/2002	3:00 PM	140	1 of 2	1.7	0.1	0.19	0.11	0.023	0.000	0.73	0.02
04/22/2002	3:00 PM	140	2 of 2	1.6	0.1	0.38	0.10	0.023	0.002	0.74	0.03
08/08/2002	12:00 PM	45	1 of 2	0.85	0.03	0.13	0.08	0.008	0.003	0.85	0.03
08/08/2002	12:00 PM	45	2 of 2	0.95	0.16	0.15	0.09	0.011	0.001	0.72	0.05
08/08/2002	1:30 PM	113	1 of 2	0.86	0.09	0.09	0.03	0.011	0.003	0.70	0.05
08/08/2002	1:30 PM	113	2 of 2	1.0	0.1	0.12	0.07	0.009	0.001	0.87	0.05
11/04/2002	3:50 PM	10	1 of 2	2.7	0.1	0.44	0.03	0.069	0.001	1.4	0.1
11/04/2002	3:50 PM	10	2 of 2	2.8	0.1	0.47	0.03	0.074	0.001	1.3	0.1
11/04/2002	3:20 PM	55	1 of 2	2.2	0.1	0.38	0.03	0.049	0.004	1.1	0.1
11/04/2002	3:20 PM	55	2 of 2	2.5	0.2	0.36	0.00	0.051	0.002	1.1	0.1
01/29/2003	2:30 PM	10	1 of 2	1.6	0.1	0.08	0.02	0.017	0.002	0.70	0.02
01/29/2003	2:30 PM	10	2 of 2	1.7	0.1	0.11	0.02	0.018	0.002	0.71	0.03
01/28/2003	4:40 PM	140	1 of 2	1.6	0.1	0.16	0.02	0.030	0.005	0.83	0.04
01/28/2003	4:40 PM	140	2 of 2	1.6	0.0	0.11	0.01	0.034	0.003	0.82	0.02
04/16/2003	4:00 PM	150	1 of 2	1.4	0.2	0.20	0.10	0.016	0.003	0.72	0.04
04/16/2003	4:00 PM	150	2 of 2	1.3	0.2	0.08	0.03	0.018	0.002	0.73	0.05
08/05/2003	12:30 PM	1	1 of 2	<0.8	0.2	<0.2	0.0	0.006	0.001	0.63	0.04
08/05/2003	12:30 PM	1	2 of 2	<0.8	0.3	<0.2	0.1	0.006	0.002	0.62	0.01
08/05/2003	3:30 PM	73	1 of 2	1.4	0.1	<0.2	0.1	0.015	0.001	0.80	0.03
08/05/2003	3:30 PM	73	2 of 2	1.5	0.1	<0.2	0.2	0.014	0.002	0.75	0.04
08/05/2003	1:00 PM	120	1 of 2	1.3	0.1	<0.2	0.0	0.011	0.003	0.84	0.00
08/05/2003	1:00 PM	120	2 of 2	1.1	0.1	<0.2	0.0	0.011	0.000	0.79	0.08

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued*.

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Nickel (Ni)		Lead (Pb)		Praseodymium (Pr)		Rubidium (Rb)	
				µg/L (01067)		µg/L (01051)		µg/L (010238)		µg/L (01137)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	1.2	0.2	0.10	0.01	0.004	0.001	1.0	0.0
10/29/2001	4:15 PM	6	2 of 2	1.1	0.1	0.13	0.03	0.006	0.002	1.0	0.1
02/12/2002	1:30 PM	60	1 of 2	1.8	0.0	<0.4	0.2	0.012	0.005	0.63	0.06
02/12/2002	1:30 PM	60	2 of 2	1.7	0.1	<0.4	0.1	0.013	0.006	0.59	0.00
04/22/2002	1:50 PM	10	1 of 2	1.3	0.2	0.11	0.02	0.011	0.001	0.65	0.04
04/22/2002	1:50 PM	10	2 of 2	1.3	0.0	0.09	0.04	0.009	0.002	0.68	0.02
04/15/2003	12:40 PM	32	1 of 2	1.3	0.1	0.08	0.05	0.012	0.003	0.67	0.06
04/15/2003	12:40 PM	32	2 of 2	1.2	0.0	0.03	0.02	0.010	0.001	0.67	0.05
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	2.4	0.0	0.59	0.00	0.062	0.005	1.4	0.1
10/29/2001	2:45 PM	50	2 of 2	2.8	0.2	0.81	0.03	0.066	0.001	1.5	0.0
02/13/2002	8:30 AM	120	1 of 2	1.9	0.0	<0.4	0.1	0.020	0.005	0.72	0.03
02/13/2002	8:30 AM	120	2 of 2	2.4	0.1	<0.4	0.1	0.022	0.006	0.70	0.03
04/22/2002	12:20 PM	120	1 of 2	1.8	0.1	0.18	0.08	0.023	0.003	0.75	0.02
04/22/2002	12:20 PM	120	2 of 2	1.7	0.0	0.31	0.04	0.023	0.001	0.69	0.04
08/07/2002	12:10 PM	10	1 of 2	0.90	0.09	0.24	0.10	0.007	0.001	0.63	0.05
08/07/2002	12:10 PM	10	2 of 2	1.2	0.0	0.18	0.03	0.009	0.001	0.63	0.01
08/07/2002	12:40 PM	47	1 of 2	1.6	0.2	0.22	0.03	0.014	0.002	0.79	0.03
08/07/2002	12:40 PM	47	2 of 2	1.6	0.1	0.15	0.02	0.012	0.003	0.81	0.06
08/08/2002	2:50 PM	80	1 of 2	1.4	0.1	0.20	0.04	0.017	0.003	0.94	0.08
08/08/2002	2:50 PM	80	2 of 2	1.6	0.4	0.11	0.00	0.014	0.000	0.90	0.07
11/05/2002	2:30 PM	10	1 of 2	2.0	0.1	0.41	0.08	0.044	0.003	1.0	0.0
11/05/2002	2:30 PM	10	2 of 2	2.0	0.0	0.39	0.05	0.040	0.002	1.1	0.0
11/05/2002	2:10 PM	30	1 of 2	3.2	0.2	0.76	0.07	0.094	0.001	1.3	0.1
11/05/2002	2:10 PM	30	2 of 2	3.2	0.3	0.70	0.04	0.089	0.008	1.3	0.1
01/29/2003	2:00 PM	10	1 of 2	2.2	0.2	0.20	0.03	0.020	0.001	0.78	0.01
01/29/2003	2:00 PM	10	2 of 2	1.7	0.1	0.12	0.04	0.023	0.001	0.76	0.04
01/28/2003	3:30 PM	120	1 of 2	1.6	0.1	0.45	0.00	0.027	0.002	0.82	0.05
01/28/2003	3:30 PM	120	2 of 2	1.7	0.0	0.13	0.01	0.026	0.003	0.82	0.02
04/17/2003	10:30 AM	125	1 of 2	1.5	0.0	0.12	0.01	0.018	0.003	0.79	0.08
04/17/2003	10:30 AM	125	2 of 2	1.4	0.1	0.12	0.03	0.021	0.001	0.77	0.07
08/07/2003	11:30 AM	1	1 of 2	<0.8	0.3	<0.2	0.1	0.008	0.002	0.71	0.07
08/07/2003	11:30 AM	1	2 of 2	<0.8	0.1	<0.2	0.1	0.007	0.001	0.71	0.05
08/07/2003	11:50 AM	100	1 of 2	2.0	0.2	<0.2	0.0	0.016	0.002	0.98	0.01
08/07/2003	11:50 AM	100	2 of 2	2.1	0.1	<0.2	0.1	0.016	0.005	1.0	0.1

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Nickel (Ni)		Lead (Pb)		Praseodymium (Pr)		Rubidium (Rb)	
				µg/L (01067)		µg/L (01051)		µg/L (010238)		µg/L (01137)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)											
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	0.92	0.08	0.46	0.02	0.033	0.003	1.2	0.1
10/31/2001	10:15 AM	12	2 of 2	0.85	0.06	0.44	0.04	0.033	0.004	1.1	0.2
02/13/2002	9:00 AM	80	1 of 2	1.4	0.1	<0.4	0.2	0.028	0.003	0.73	0.02
02/13/2002	9:00 AM	80	2 of 2	1.5	0.1	<0.4	0.2	0.022	0.002	0.73	0.00
04/22/2002	10:40 AM	80	1 of 2	2.2	0.0	0.28	0.11	0.026	0.001	0.75	0.04
04/22/2002	10:40 AM	80	2 of 2	2.1	0.1	0.38	0.06	0.031	0.004	0.73	0.04
08/06/2002	5:50 PM	10	1 of 2	0.65	0.06	0.18	0.06	0.008	0.002	0.60	0.04
08/06/2002	5:50 PM	10	2 of 2	0.69	0.05	0.11	0.04	0.008	0.000	0.63	0.03
08/06/2002	6:20 PM	55	1 of 2	1.8	0.0	0.27	0.05	0.018	0.002	0.81	0.03
08/06/2002	6:20 PM	55	2 of 2	1.8	0.2	0.22	0.07	0.018	0.003	0.81	0.05
11/05/2002	4:10 PM	7	1 of 2	3.9	0.2	0.47	0.06	0.044	0.007	1.2	0.0
11/05/2002	4:10 PM	7	2 of 2	2.5	0.1	0.49	0.02	0.043	0.002	1.2	0.0
01/29/2003	1:20 PM	10	1 of 2	1.3	0.1	0.08	0.01	0.027	0.003	0.85	0.04
01/29/2003	1:20 PM	10	2 of 2	1.3	0.1	0.11	0.02	0.022	0.002	0.84	0.03
01/28/2003	2:50 PM	85	1 of 2	1.6	0.1	0.14	0.02	0.027	0.004	0.81	0.06
01/28/2003	2:50 PM	85	2 of 2	1.7	0.1	0.16	0.02	0.026	0.001	0.82	0.02
04/17/2003	11:30 AM	90	1 of 2	1.9	0.1	0.37	0.18	0.029	0.004	0.77	0.06
04/17/2003	11:30 AM	90	2 of 2	2.0	0.0	0.29	0.06	0.030	0.004	0.76	0.06
08/07/2003	10:00 AM	1	1 of 2	1.0	0.6	0.4	0.1	0.007	0.001	0.74	0.05
08/07/2003	10:00 AM	1	2 of 2	1.5	0.3	<0.2	0.0	0.009	0.001	0.77	0.05
08/06/2003	3:00 PM	100	1 of 2	7.1	0.2	2.4	0.2	0.18	0.00	1.6	0.0
08/06/2003	3:00 PM	100	2 of 2	6.1	0.2	2.2	0.3	0.18	0.02	1.5	0.1
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	1.5	0.1	0.42	0.03	0.009	0.002	1.0	0.0
10/31/2001	1:00 PM	4	2 of 2	1.3	0.1	0.21	0.05	0.008	0.001	1.0	0.1
02/13/2002	1:00 PM	20	1 of 2	1.5	0.0	<0.4	0.2	0.017	0.006	0.74	0.09
02/13/2002	1:00 PM	20	2 of 2	1.9	0.1	<0.4	0.2	0.012	0.000	0.66	0.01
04/23/2002	12:10 PM	20	1 of 2	1.3	0.0	0.16	0.03	0.010	0.002	0.66	0.03
04/23/2002	12:10 PM	20	2 of 2	1.4	0.1	0.25	0.07	0.010	0.002	0.67	0.03
08/07/2002	6:50 PM	57	1 of 2	1.7	0.0	0.32	0.14	0.021	0.001	0.86	0.10
08/07/2002	6:50 PM	57	2 of 2	1.7	0.0	0.26	0.03	0.019	0.001	0.86	0.03
01/30/2003	3:30 PM	55	1 of 2	1.6	0.1	0.16	0.05	0.027	0.001	0.82	0.01
01/30/2003	3:30 PM	55	2 of 2	1.7	0.0	0.18	0.00	0.028	0.003	0.78	0.05
04/17/2003	2:30 PM	55	1 of 2	1.8	0.1	0.28	0.08	0.031	0.000	0.77	0.05
04/17/2003	2:30 PM	55	2 of 2	2.1	0.1	0.35	0.06	0.032	0.001	0.83	0.01
08/07/2003	4:00 PM	1	1 of 2	<0.8	0.1	0.3	0.0	0.013	0.001	0.71	0.03
08/07/2003	4:00 PM	1	2 of 2	<0.8	0.1	0.2	0.0	0.012	0.002	0.67	0.05

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Nickel (Ni)		Lead (Pb)		Praseodymium (Pr)		Rubidium (Rb)	
				µg/L (01067)		µg/L (01051)		µg/L (010238)		µg/L (01137)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	0.71	0.05	0.08	0.03	0.009	0.000	0.61	0.04
08/07/2002	3:40 PM	10	2 of 2	0.77	0.08	0.19	0.05	0.009	0.001	0.61	0.06
04/17/2003	1:20 PM	80	1 of 2	1.3	0.0	0.12	0.01	0.019	0.002	0.76	0.07
04/17/2003	1:20 PM	80	2 of 2	1.4	0.0	0.14	0.02	0.018	0.004	0.76	0.08
08/07/2003	1:00 PM	1	1 of 2	<0.8	0.1	<0.2	0.1	0.013	0.003	0.65	0.04
08/07/2003	1:00 PM	1	2 of 2	1.0	0.1	<0.2	0.0	0.008	0.001	0.76	0.04
08/07/2003	1:30 PM	40	1 of 2	1.8	0.9	0.2	0.1	0.018	0.002	1.1	0.3
08/07/2003	1:30 PM	40	2 of 2	1.1	0.2	<0.2	0.1	0.018	0.001	0.90	0.07
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	95	10	49	1	3.2	0.3	11	1
10/31/2001	2:15 PM	1	2 of 2	94	6	47	4	3.3	0.3	11	1
02/13/2002	3:10 PM	10	1 of 2	1.7	0.0	<0.4	0.2	0.010	0.005	0.62	0.03
02/13/2002	3:10 PM	10	2 of 2	1.8	0.1	<0.4	0.2	0.018	0.005	0.65	0.06
02/13/2002	3:30 PM	35	1of 1	2.4	0.1	<0.4	0.2	0.035	0.005	0.66	0.02
04/24/2002	11:10 AM	30	1 of 2	1.8	0.0	0.20	0.07	0.019	0.002	0.73	0.01
04/24/2002	11:10 AM	30	2 of 2	1.9	0.1	0.27	0.06	0.020	0.001	0.73	0.03
08/07/2002	5:00 PM	1	1 of 2	18	2	3.4	0.5	0.33	0.04	2.1	0.2
08/07/2002	5:00 PM	1	2 of 2	19	0	3.3	0.0	0.34	0.00	2.1	0.1
11/05/2002	2:50 PM	0	1 of 2	61	1	35	2	2.1	0.0	7.3	0.1
11/05/2002	2:50 PM	0	2 of 2	64	1	36	1	2.0	0.0	7.8	0.1
01/30/2003	12:30 PM	10	1 of 2	1.7	0.1	0.17	0.02	0.018	0.002	0.80	0.06
01/30/2003	12:30 PM	10	2 of 2	2.0	0.1	0.14	0.07	0.018	0.002	0.73	0.03
01/30/2003	1:20 PM	38	1 of 2	13	0	0.86	0.00	0.28	0.00	1.3	0.1
01/30/2003	1:20 PM	38	2 of 2	13	0	1.1	0.1	0.29	0.01	1.9	0.4
04/17/2003	4:00 PM	40	1 of 2	14	0	2.2	0.0	0.46	0.01	1.6	0.0
04/17/2003	4:00 PM	40	2 of 2	13	1	1.9	0.0	0.48	0.04	1.6	0.1
08/07/2003	4:30 PM	1	1 of 2	5.3	0.7	0.4	0.0	0.016	0.001	1.1	0.1
08/07/2003	4:30 PM	1	2 of 2	5.3	0.3	0.5	0.1	0.021	0.000	1.3	0.1
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1of 1	74	6	0.34	0.04	1.20	0.12	2.4	0.2
02/13/2002	2:20 PM	52	1 of 2	1.9	0.0	<0.4	0.0	0.030	0.003	0.63	0.01
02/13/2002	2:20 PM	52	2 of 2	2.3	0.1	<0.4	0.2	0.032	0.005	0.68	0.01
04/23/2002	1:10 PM	20	1 of 2	1.3	0.1	0.18	0.02	0.009	0.001	0.64	0.03
04/23/2002	1:10 PM	20	2 of 2	1.5	0.0	0.30	0.07	0.010	0.001	0.65	0.02
11/05/2002	2:00 PM	1	1 of 2	281	15	15	1	5.4	0.3	4.7	0.0
11/05/2002	2:00 PM	1	2 of 2	287	2	14	1	5.3	0.5	4.7	0.1

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Rhenium (Re)		Sulfur (S)		Antimony (Sb)		Selenium (Se)	
				µg/L (01242)		mg/L (80107)		µg/L (01097)		µg/L (01147)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	<0.002	0.002	3.5	0.2	0.14	0.13	<0.5	0.3
10/30/2001	5:15 PM	10	2 of 2	<0.002	0.001	3.7	0.2	0.18	0.11	<0.5	0.4
02/12/2002	12:00 PM	8	1 of 2	<0.002	0.001	2.9	0.3	0.12	0.03	<1	1
02/12/2002	12:00 PM	8	2 of 2	<0.002	0.000	2.4	0.0	0.15	0.03	<1	1
04/22/2002	3:20 PM	10	1 of 2	0.002	0.001	2.1	0.0	0.12	0.02	<1	0
04/22/2002	3:20 PM	10	2 of 2	<0.001	0.001	2.2	0.2	0.09	0.02	<1	0
08/06/2002	4:30 PM	10	1 of 2	<0.002	0.000	2.0	0.1	0.15	0.12	<2	1
08/06/2002	4:30 PM	10	2 of 2	<0.002	0.001	2.1	0.0	0.09	0.02	<2	1
04/15/2003	10:30 AM	40	1 of 2	<0.002	0.001	2.0	0.2	0.16	0.11	<0.5	0.9
04/15/2003	10:30 AM	40	2 of 2	<0.002	0.001	1.9	0.2	<0.07	0.01	<0.5	0.7
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	<0.004	0.002	2.6	0.1	0.08	0.07	<0.9	0.4
11/01/2001	8:30 AM	70	2 of 2	<0.004	0.002	2.6	0.1	0.09	0.05	<0.9	0.3
02/12/2002	11:00 AM	140	1 of 2	<0.002	0.001	2.8	0.2	0.13	0.00	<1	0
02/12/2002	11:00 AM	140	2 of 2	<0.002	0.001	2.5	0.1	0.15	0.05	<1	0
04/22/2002	3:00 PM	140	1 of 2	0.002	0.001	2.3	0.1	0.11	0.06	<1	0
04/22/2002	3:00 PM	140	2 of 2	0.002	0.000	2.3	0.1	0.12	0.05	<1	0
08/08/2002	12:00 PM	45	1 of 2	<0.002	0.001	1.9	0.3	0.10	0.04	<2	1
08/08/2002	12:00 PM	45	2 of 2	<0.002	0.000	1.8	0.2	0.06	0.01	<2	0
08/08/2002	1:30 PM	113	1 of 2	<0.002	0.001	1.7	0.1	0.11	0.01	<2	1
08/08/2002	1:30 PM	113	2 of 2	<0.002	0.000	1.9	0.2	0.07	0.02	<2	1
11/04/2002	3:50 PM	10	1 of 2	<0.002	0.002	2.7	0.0	0.13	0.03	<1	1
11/04/2002	3:50 PM	10	2 of 2	0.002	0.002	2.7	0.2	0.13	0.03	<1	1
11/04/2002	3:20 PM	55	1 of 2	<0.002	0.001	2.9	0.1	0.15	0.01	<1	0
11/04/2002	3:20 PM	55	2 of 2	<0.002	0.001	3.0	0.1	0.15	0.04	<1	1
01/29/2003	2:30 PM	10	1 of 2	<0.002	0.001	2.8	0.0	0.08	0.00	<0.9	0.3
01/29/2003	2:30 PM	10	2 of 2	<0.002	0.001	2.5	0.3	0.07	0.01	<0.9	0.8
01/28/2003	4:40 PM	140	1 of 2	<0.002	0.001	1.6	0.2	0.06	0.03	<0.9	0.7
01/28/2003	4:40 PM	140	2 of 2	<0.002	0.001	1.9	0.2	0.07	0.02	<0.9	0.6
04/16/2003	4:00 PM	150	1 of 2	<0.002	0.001	1.9	0.2	0.15	0.08	<0.5	0.3
04/16/2003	4:00 PM	150	2 of 2	<0.002	0.002	1.9	0.2	0.09	0.05	<0.5	0.4
08/05/2003	12:30 PM	1	1 of 2	<0.003	0.003	1.7	0.1	0.06	0.03	<2	1
08/05/2003	12:30 PM	1	2 of 2	<0.003	0.001	1.7	0.3	0.05	0.01	<2	0
08/05/2003	3:30 PM	73	1 of 2	<0.003	0.000	1.8	0.3	0.07	0.02	<2	2
08/05/2003	3:30 PM	73	2 of 2	<0.003	0.000	1.9	0.1	0.06	0.01	<2	0
08/05/2003	1:00 PM	120	1 of 2	<0.003	0.002	1.8	0.2	0.06	0.03	<2	0
08/05/2003	1:00 PM	120	2 of 2	<0.003	0.001	1.7	0.2	<0.02	0.00	<2	0

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued*.

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Rhenium (Re)		Sulfur (S)		Antimony (Sb)		Selenium (Se)	
				µg/L (01242)		mg/L (80107)		µg/L (01097)		µg/L (01147)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	<0.002	0.001	3.4	0.0	0.09	0.07	<0.5	0.3
10/29/2001	4:15 PM	6	2 of 2	<0.002	0.001	3.6	0.1	0.12	0.05	<0.5	0.0
02/12/2002	1:30 PM	60	1 of 2	0.002	0.001	2.7	0.2	0.12	0.01	<1	1
02/12/2002	1:30 PM	60	2 of 2	0.004	0.001	2.9	0.2	0.12	0.04	<1	1
04/22/2002	1:50 PM	10	1 of 2	0.002	0.001	2.0	0.0	0.09	0.02	<1	0
04/22/2002	1:50 PM	10	2 of 2	<0.001	0.001	2.2	0.1	0.11	0.04	<1	0
04/15/2003	12:40 PM	32	1 of 2	<0.002	0.001	2.2	0.2	0.13	0.09	<0.5	0.6
04/15/2003	12:40 PM	32	2 of 2	<0.002	0.001	2.0	0.0	0.11	0.04	<0.5	0.3
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	<0.002	0.000	3.2	0.1	0.19	0.11	<0.5	0.4
10/29/2001	2:45 PM	50	2 of 2	<0.002	0.002	3.1	0.1	0.21	0.11	<0.5	0.3
02/13/2002	8:30 AM	120	1 of 2	<0.002	0.000	2.4	0.3	0.12	0.02	<1	0
02/13/2002	8:30 AM	120	2 of 2	0.003	0.002	2.5	0.2	0.12	0.01	<1	1
04/22/2002	12:20 PM	120	1 of 2	0.002	0.002	2.3	0.1	0.10	0.02	<1	0
04/22/2002	12:20 PM	120	2 of 2	<0.001	0.001	2.2	0.1	0.09	0.02	<1	0
08/07/2002	12:10 PM	10	1 of 2	<0.002	0.001	2.0	0.1	0.09	0.01	<2	1
08/07/2002	12:10 PM	10	2 of 2	<0.002	0.001	1.9	0.1	0.08	0.02	<2	0
08/07/2002	12:40 PM	47	1 of 2	<0.002	0.002	1.6	0.1	0.09	0.03	<2	1
08/07/2002	12:40 PM	47	2 of 2	<0.002	0.000	1.7	0.2	0.06	0.02	<2	1
08/08/2002	2:50 PM	80	1 of 2	<0.002	0.001	1.9	0.2	0.07	0.02	<2	2
08/08/2002	2:50 PM	80	2 of 2	<0.002	0.001	1.8	0.3	0.06	0.01	<2	1
11/05/2002	2:30 PM	10	1 of 2	0.002	0.000	3.2	0.1	0.12	0.01	<1	0
11/05/2002	2:30 PM	10	2 of 2	<0.002	0.001	3.1	0.2	0.17	0.01	<1	0
11/05/2002	2:10 PM	30	1 of 2	<0.002	0.000	3.6	0.2	0.13	0.02	<1	0
11/05/2002	2:10 PM	30	2 of 2	<0.002	0.002	3.7	0.2	0.14	0.03	<1	1
01/29/2003	2:00 PM	10	1 of 2	<0.002	0.000	2.1	0.3	0.07	0.01	<0.9	0.6
01/29/2003	2:00 PM	10	2 of 2	<0.002	0.001	2.1	0.0	0.07	0.01	<0.9	0.7
01/28/2003	3:30 PM	120	1 of 2	<0.002	0.002	1.9	0.1	0.07	0.03	<0.9	0.7
01/28/2003	3:30 PM	120	2 of 2	<0.002	0.001	1.9	0.2	0.07	0.01	<0.9	0.4
04/17/2003	10:30 AM	125	1 of 2	<0.002	0.001	1.9	0.2	0.12	0.07	<0.5	0.5
04/17/2003	10:30 AM	125	2 of 2	<0.002	0.002	1.8	0.2	0.12	0.06	<0.5	0.4
08/07/2003	11:30 AM	1	1 of 2	0.005	0.000	1.7	0.1	0.10	0.06	<2	0
08/07/2003	11:30 AM	1	2 of 2	<0.003	0.001	1.7	0.1	0.06	0.03	<2	1
08/07/2003	11:50 AM	100	1 of 2	<0.003	0.001	1.7	0.2	0.05	0.02	<2	1
08/07/2003	11:50 AM	100	2 of 2	<0.003	0.001	1.7	0.2	0.06	0.02	<2	1

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Rhenium (Re)		Sulfur (S)		Antimony (Sb)		Selenium (Se)	
				µg/L (01242)		mg/L (80107)		µg/L (01097)		µg/L (01147)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)											
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	<0.002	0.000	3.5	0.0	0.14	0.15	<0.5	0.3
10/31/2001	10:15 AM	12	2 of 2	<0.002	0.001	3.3	0.1	0.21	0.01	<0.5	0.3
02/13/2002	9:00 AM	80	1 of 2	<0.002	0.002	2.1	0.0	0.10	0.00	<1	1
02/13/2002	9:00 AM	80	2 of 2	<0.002	0.000	2.3	0.1	0.14	0.04	<1	1
04/22/2002	10:40 AM	80	1 of 2	<0.001	0.001	2.1	0.2	0.10	0.01	<1	0
04/22/2002	10:40 AM	80	2 of 2	<0.001	0.001	2.1	0.3	0.07	0.01	<1	1
08/06/2002	5:50 PM	10	1 of 2	<0.002	0.000	2.0	0.2	0.08	0.01	<2	1
08/06/2002	5:50 PM	10	2 of 2	0.002	0.001	2.0	0.2	0.07	0.01	<2	0
08/06/2002	6:20 PM	55	1 of 2	<0.002	0.000	1.7	0.1	0.10	0.06	<2	1
08/06/2002	6:20 PM	55	2 of 2	<0.002	0.001	1.8	0.1	0.09	0.04	<2	1
11/05/2002	4:10 PM	7	1 of 2	0.002	0.001	3.3	0.3	0.16	0.05	<1	1
11/05/2002	4:10 PM	7	2 of 2	<0.002	0.001	3.3	0.2	0.13	0.02	<1	0
01/29/2003	1:20 PM	10	1 of 2	0.002	0.000	1.5	0.2	0.04	0.01	<0.9	0.9
01/29/2003	1:20 PM	10	2 of 2	<0.002	0.001	1.5	0.1	0.06	0.02	<0.9	0.5
01/28/2003	2:50 PM	85	1 of 2	<0.002	0.002	1.8	0.1	0.08	0.01	<0.9	0.6
01/28/2003	2:50 PM	85	2 of 2	<0.002	0.002	1.9	0.2	0.05	0.01	<0.9	0.7
04/17/2003	11:30 AM	90	1 of 2	<0.002	0.001	1.8	0.1	0.08	0.06	<0.5	0.8
04/17/2003	11:30 AM	90	2 of 2	<0.002	0.000	1.5	0.1	0.14	0.10	<0.5	0.5
08/07/2003	10:00 AM	1	1 of 2	<0.003	0.000	1.5	0.0	0.06	0.01	<2	0
08/07/2003	10:00 AM	1	2 of 2	<0.003	0.002	1.8	0.2	0.06	0.01	<2	1
08/06/2003	3:00 PM	100	1 of 2	<0.003	0.002	1.8	0.3	0.09	0.02	<2	1
08/06/2003	3:00 PM	100	2 of 2	<0.003	0.002	1.8	0.2	0.08	0.02	<2	1
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	<0.002	0.000	4.2	0.0	0.13	0.10	<0.5	0.5
10/31/2001	1:00 PM	4	2 of 2	<0.002	0.001	4.3	0.1	0.06	0.04	<0.5	0.6
02/13/2002	1:00 PM	20	1 of 2	<0.002	0.001	3.0	0.6	0.13	0.04	<1	0
02/13/2002	1:00 PM	20	2 of 2	<0.002	0.001	3.2	0.4	0.18	0.10	<1	0
04/23/2002	12:10 PM	20	1 of 2	<0.001	0.001	2.2	0.1	0.15	0.06	<1	0
04/23/2002	12:10 PM	20	2 of 2	0.002	0.002	2.3	0.3	0.10	0.04	<1	0
08/07/2002	6:50 PM	57	1 of 2	<0.002	0.001	1.9	0.3	0.07	0.03	<2	1
08/07/2002	6:50 PM	57	2 of 2	<0.002	0.001	1.9	0.1	0.07	0.04	<2	1
01/30/2003	3:30 PM	55	1 of 2	<0.002	0.001	2.1	0.3	0.08	0.01	<0.9	0.6
01/30/2003	3:30 PM	55	2 of 2	<0.002	0.002	2.0	0.1	0.07	0.01	<0.9	0.5
04/17/2003	2:30 PM	55	1 of 2	<0.002	0.002	2.1	0.1	0.17	0.12	<0.5	0.6
04/17/2003	2:30 PM	55	2 of 2	<0.002	0.000	2.5	0.0	0.19	0.15	<0.5	0.4
08/07/2003	4:00 PM	1	1 of 2	<0.003	0.002	2.4	0.2	0.07	0.03	<2	0
08/07/2003	4:00 PM	1	2 of 2	<0.003	0.001	2.7	0.2	0.09	0.06	<2	1

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued*.

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Rhenium (Re)		Sulfur (S)		Antimony (Sb)		Selenium (Se)	
				µg/L (01242)		mg/L (80107)		µg/L (01097)		µg/L (01147)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	<0.002	0.001	2.0	0.2	0.07	0.02	<2	1
08/07/2002	3:40 PM	10	2 of 2	0.003	0.000	1.8	0.2	0.07	0.02	<2	1
04/17/2003	1:20 PM	80	1 of 2	<0.002	0.001	1.9	0.2	0.11	0.04	<0.5	0.4
04/17/2003	1:20 PM	80	2 of 2	<0.002	0.002	1.8	0.0	0.12	0.04	<0.5	0.4
08/07/2003	1:00 PM	1	1 of 2	<0.003	0.001	1.8	0.2	0.06	0.01	<2	0
08/07/2003	1:00 PM	1	2 of 2	<0.003	0.002	1.6	0.1	0.05	0.01	<2	0
08/07/2003	1:30 PM	40	1 of 2	<0.003	0.002	1.8	0.1	0.07	0.01	<2	2
08/07/2003	1:30 PM	40	2 of 2	<0.003	0.001	1.6	0.3	0.05	0.01	<2	0
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	0.014	0.002	241	5	<0.06	0.14	1.9	0.5
10/31/2001	2:15 PM	1	2 of 2	0.014	0.001	244	0	<0.06	0.06	1.6	0.1
02/13/2002	3:10 PM	10	1 of 2	<0.002	0.001	2.9	0.2	0.14	0.02	<1	1
02/13/2002	3:10 PM	10	2 of 2	<0.002	0.001	3.1	0.2	0.13	0.02	<1	1
02/13/2002	3:30 PM	35	1of 1	<0.002	0.001	5.5	0.3	0.12	0.03	<1	0
04/24/2002	11:10 AM	30	1 of 2	0.002	0.001	3.2	0.3	0.09	0.02	<1	1
04/24/2002	11:10 AM	30	2 of 2	<0.001	0.001	3.2	0.2	0.09	0.02	<1	0
08/07/2002	5:00 PM	1	1 of 2	0.004	0.001	39	2	0.05	0.01	<2	0
08/07/2002	5:00 PM	1	2 of 2	0.003	0.001	39	3	0.07	0.02	<2	1
11/05/2002	2:50 PM	0	1 of 2	0.011	0.001	134	3	<0.04	0.01	<1	1
11/05/2002	2:50 PM	0	2 of 2	0.013	0.001	137	9	<0.04	0.01	<1	1
01/30/2003	12:30 PM	10	1 of 2	<0.002	0.001	2.7	0.2	0.07	0.03	<0.9	0.3
01/30/2003	12:30 PM	10	2 of 2	<0.002	0.001	2.6	0.1	0.07	0.03	<0.9	0.1
01/30/2003	1:20 PM	38	1 of 2	0.003	0.001	28	2	0.07	0.05	<0.9	0.5
01/30/2003	1:20 PM	38	2 of 2	0.003	0.002	27	2	0.09	0.01	<0.9	0.7
04/17/2003	4:00 PM	40	1 of 2	0.003	0.002	34	1	0.13	0.05	<0.5	0.1
04/17/2003	4:00 PM	40	2 of 2	0.002	0.001	35	0	<0.07	0.05	<0.5	0.6
08/07/2003	4:30 PM	1	1 of 2	<0.003	0.002	15	2	0.11	0.07	<2	0
08/07/2003	4:30 PM	1	2 of 2	<0.003	0.001	15	2	0.05	0.02	<2	1
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1of 1	0.008	0.002	137	1	<0.04	0.05	1.3	0.6
02/13/2002	2:20 PM	52	1 of 2	0.002	0.001	4.7	0.2	0.12	0.01	<1	1
02/13/2002	2:20 PM	52	2 of 2	<0.002	0.001	4.7	0.3	0.15	0.05	<1	0
04/23/2002	1:10 PM	20	1 of 2	0.002	0.002	2.3	0.2	0.09	0.01	<1	0
04/23/2002	1:10 PM	20	2 of 2	<0.001	0.001	2.5	0.3	0.09	0.02	<1	0
11/05/2002	2:00 PM	1	1 of 2	0.037	0.002	431	41	0.07	0.01	5	0
11/05/2002	2:00 PM	1	2 of 2	0.029	0.001	423	37	<0.04	0.01	5	0

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Silica (as SiO ₂) mg/L (00956)		Samarium (Sm) µg/L (82322)		Strontium (Sr) µg/L (01084)		Terbium (Tb) µg/L (01218)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
				Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3 mile north of dam abutment)							
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	11	0	0.022	0.009	69	2	0.003	0.001
10/30/2001	5:15 PM	10	2 of 2	11	1	0.018	0.004	70	4	0.003	0.000
02/12/2002	12:00 PM	8	1 of 2	11	1	0.014	0.005	51	3	0.004	0.001
02/12/2002	12:00 PM	8	2 of 2	9.1	0.6	0.020	0.008	41	4	0.003	0.001
04/22/2002	3:20 PM	10	1 of 2	8.7	1.2	0.009	0.003	48	2	0.0027	0.0008
04/22/2002	3:20 PM	10	2 of 2	8.6	0.9	0.010	0.006	43	0	0.0017	0.0009
08/06/2002	4:30 PM	10	1 of 2	8.2	0.5	<0.008	0.003	43	2	<0.001	0.000
08/06/2002	4:30 PM	10	2 of 2	8.3	0.4	0.010	0.005	43	3	<0.001	0.001
04/15/2003	10:30 AM	40	1 of 2	15	1	0.098	0.032	41	3	0.015	0.002
04/15/2003	10:30 AM	40	2 of 2	13	1	0.063	0.015	40	2	0.009	0.001
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	15	1	0.095	0.003	71	6	0.009	0.002
11/01/2001	8:30 AM	70	2 of 2	15	1	0.080	0.009	69	4	0.009	0.003
02/12/2002	11:00 AM	140	1 of 2	12	0	0.028	0.006	52	1	0.006	0.002
02/12/2002	11:00 AM	140	2 of 2	12	0	0.017	0.003	49	1	0.004	0.002
04/22/2002	3:00 PM	140	1 of 2	11	1	0.032	0.003	47	1	0.0035	0.0005
04/22/2002	3:00 PM	140	2 of 2	11	1	0.023	0.002	45	1	0.0038	0.0001
08/08/2002	12:00 PM	45	1 of 2	12	1	<0.008	0.008	47	2	0.001	0.001
08/08/2002	12:00 PM	45	2 of 2	9.2	0.7	0.011	0.005	39	1	<0.001	0.000
08/08/2002	1:30 PM	113	1 of 2	8.8	0.5	0.011	0.006	42	0	0.002	0.001
08/08/2002	1:30 PM	113	2 of 2	12	1	0.012	0.005	48	2	<0.001	0.000
11/04/2002	3:50 PM	10	1 of 2	13	1	0.071	0.003	59	2	0.0097	0.0014
11/04/2002	3:50 PM	10	2 of 2	13	1	0.065	0.013	59	1	0.0092	0.0013
11/04/2002	3:20 PM	55	1 of 2	12	1	0.040	0.005	57	2	0.0055	0.0013
11/04/2002	3:20 PM	55	2 of 2	12	1	0.048	0.007	58	1	0.0079	0.0016
01/29/2003	2:30 PM	10	1 of 2	11	0	0.022	0.005	41	2	0.0029	0.0006
01/29/2003	2:30 PM	10	2 of 2	10	1	0.023	0.008	41	1	0.0023	0.0007
01/28/2003	4:40 PM	140	1 of 2	9.3	1.1	0.028	0.004	39	1	0.0061	0.0004
01/28/2003	4:40 PM	140	2 of 2	9.9	0.9	0.026	0.011	39	0	0.0058	0.0001
04/16/2003	4:00 PM	150	1 of 2	9.7	0.8	0.020	0.012	39	3	0.002	0.001
04/16/2003	4:00 PM	150	2 of 2	9.9	0.6	0.026	0.006	40	3	0.003	0.002
08/05/2003	12:30 PM	1	1 of 2	8.7	0.9	<0.004	0.002	41	4	<0.001	0.001
08/05/2003	12:30 PM	1	2 of 2	8.8	1.1	0.009	0.001	41	2	<0.001	0.001
08/05/2003	3:30 PM	73	1 of 2	11	1	0.006	0.001	42	5	0.003	0.000
08/05/2003	3:30 PM	73	2 of 2	11	1	0.010	0.002	41	3	0.002	0.001
08/05/2003	1:00 PM	120	1 of 2	12	1	0.009	0.004	46	5	<0.001	0.001
08/05/2003	1:00 PM	120	2 of 2	12	1	0.011	0.002	46	5	0.002	0.001

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Silica (as SiO ₂) mg/L (00956)		Samarium (Sm) µg/L (82322)		Strontium (Sr) µg/L (01084)		Terbium (Tb) µg/L (01218)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	10	1	0.010	0.002	71	6	0.001	0.000
10/29/2001	4:15 PM	6	2 of 2	10	0	0.011	0.001	71	1	0.002	0.001
02/12/2002	1:30 PM	60	1 of 2	10	1	0.022	0.012	46	2	0.002	0.001
02/12/2002	1:30 PM	60	2 of 2	11	0	0.015	0.003	52	2	0.003	0.000
04/22/2002	1:50 PM	10	1 of 2	8.6	0.8	0.015	0.005	43	2	0.0023	0.0003
04/22/2002	1:50 PM	10	2 of 2	8.7	0.7	0.011	0.004	44	1	0.0024	0.0011
04/15/2003	12:40 PM	32	1 of 2	9.4	0.6	0.018	0.006	40	4	0.002	0.002
04/15/2003	12:40 PM	32	2 of 2	9.5	0.8	0.011	0.007	41	3	0.002	0.002
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	14	0	0.062	0.000	74	1	0.009	0.000
10/29/2001	2:45 PM	50	2 of 2	14	0	0.058	0.005	74	1	0.011	0.005
02/13/2002	8:30 AM	120	1 of 2	11	0	0.039	0.004	47	1	0.004	0.001
02/13/2002	8:30 AM	120	2 of 2	11	1	0.029	0.002	47	4	0.004	0.000
04/22/2002	12:20 PM	120	1 of 2	11	1	0.025	0.007	47	1	0.0046	0.0005
04/22/2002	12:20 PM	120	2 of 2	11	1	0.024	0.006	45	1	0.0041	0.0012
08/07/2002	12:10 PM	10	1 of 2	8.2	0.5	0.012	0.005	44	4	0.003	0.000
08/07/2002	12:10 PM	10	2 of 2	8.3	0.8	<0.008	0.003	43	2	0.001	0.000
08/07/2002	12:40 PM	47	1 of 2	9.2	0.9	0.015	0.005	41	2	0.002	0.001
08/07/2002	12:40 PM	47	2 of 2	9.4	0.6	0.012	0.008	41	4	<0.001	0.000
08/08/2002	2:50 PM	80	1 of 2	11	1	0.019	0.011	47	4	0.003	0.000
08/08/2002	2:50 PM	80	2 of 2	11	0	0.014	0.004	46	4	0.002	0.001
11/05/2002	2:30 PM	10	1 of 2	11	1	0.043	0.010	58	2	0.0055	0.0011
11/05/2002	2:30 PM	10	2 of 2	11	1	0.039	0.002	58	1	0.0073	0.0007
11/05/2002	2:10 PM	30	1 of 2	12	1	0.10	0.00	62	5	0.014	0.003
11/05/2002	2:10 PM	30	2 of 2	13	1	0.092	0.008	63	5	0.014	0.003
01/29/2003	2:00 PM	10	1 of 2	10	1	0.024	0.008	40	2	0.0031	0.0001
01/29/2003	2:00 PM	10	2 of 2	10	0	0.025	0.005	41	1	0.0042	0.0002
01/28/2003	3:30 PM	120	1 of 2	10	1	0.027	0.007	39	2	0.0042	0.0003
01/28/2003	3:30 PM	120	2 of 2	11	1	0.029	0.012	39	2	0.0048	0.0002
04/17/2003	10:30 AM	125	1 of 2	10	0	0.021	0.005	41	4	0.004	0.001
04/17/2003	10:30 AM	125	2 of 2	10	1	0.028	0.006	40	3	0.003	0.001
08/07/2003	11:30 AM	1	1 of 2	8.7	0.9	0.013	0.007	41	4	0.001	0.000
08/07/2003	11:30 AM	1	2 of 2	8.6	0.9	0.006	0.004	41	2	<0.001	0.000
08/07/2003	11:50 AM	100	1 of 2	12	1	0.016	0.003	47	4	0.004	0.001
08/07/2003	11:50 AM	100	2 of 2	12	2	0.016	0.003	48	6	0.003	0.000

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Silica (as SiO ₂) mg/L (00956)		Samarium (Sm) µg/L (82322)		Strontium (Sr) µg/L (01084)		Terbium (Tb) µg/L (01218)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
				Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)							
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	11	0	0.038	0.009	69	1	0.005	0.001
10/31/2001	10:15 AM	12	2 of 2	11	0	0.035	0.007	68	1	0.004	0.001
02/13/2002	9:00 AM	80	1 of 2	9.6	0.2	0.031	0.004	44	1	0.005	0.001
02/13/2002	9:00 AM	80	2 of 2	11	1	0.028	0.010	48	4	0.003	0.001
04/22/2002	10:40 AM	80	1 of 2	11	1	0.024	0.005	43	1	0.0040	0.0004
04/22/2002	10:40 AM	80	2 of 2	11	1	0.028	0.002	42	1	0.0034	0.0010
08/06/2002	5:50 PM	10	1 of 2	8.7	0.5	0.013	0.007	44	3	0.002	0.001
08/06/2002	5:50 PM	10	2 of 2	8.6	0.7	0.010	0.003	43	3	0.002	0.001
08/06/2002	6:20 PM	55	1 of 2	10	1	0.025	0.000	45	2	0.003	0.000
08/06/2002	6:20 PM	55	2 of 2	10	1	0.013	0.004	45	2	0.003	0.001
11/05/2002	4:10 PM	7	1 of 2	11	1	0.050	0.014	66	3	0.0067	0.0006
11/05/2002	4:10 PM	7	2 of 2	10	1	0.043	0.009	65	2	0.0065	0.0011
01/29/2003	1:20 PM	10	1 of 2	9.2	0.6	0.030	0.008	39	2	0.0047	0.0008
01/29/2003	1:20 PM	10	2 of 2	9.2	1.3	0.032	0.007	39	1	0.0036	0.0011
01/28/2003	2:50 PM	85	1 of 2	9.8	0.6	0.027	0.000	37	0	0.0038	0.0002
01/28/2003	2:50 PM	85	2 of 2	10	1	0.037	0.001	39	2	0.0030	0.0006
04/17/2003	11:30 AM	90	1 of 2	10	1	0.031	0.008	40	3	0.005	0.001
04/17/2003	11:30 AM	90	2 of 2	10	1	0.039	0.008	41	3	0.006	0.001
08/07/2003	10:00 AM	1	1 of 2	9.2	1.4	0.008	0.001	42	4	0.001	0.001
08/07/2003	10:00 AM	1	2 of 2	9.2	1.1	0.009	0.005	42	3	0.002	0.000
08/06/2003	3:00 PM	100	1 of 2	17	2	0.16	0.01	51	3	0.030	0.001
08/06/2003	3:00 PM	100	2 of 2	17	2	0.17	0.03	51	5	0.027	0.000
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	11	0	0.013	0.004	70	1	0.002	0.001
10/31/2001	1:00 PM	4	2 of 2	11	0	0.015	0.006	70	1	0.002	0.001
02/13/2002	1:00 PM	20	1 of 2	10	0	0.017	0.001	44	2	0.005	0.001
02/13/2002	1:00 PM	20	2 of 2	11	1	0.018	0.004	49	4	0.003	0.001
04/23/2002	12:10 PM	20	1 of 2	8.9	0.4	0.013	0.004	44	2	0.0021	0.0006
04/23/2002	12:10 PM	20	2 of 2	8.8	0.7	0.016	0.003	44	0	0.0018	0.0002
08/07/2002	6:50 PM	57	1 of 2	9.8	1.0	0.025	0.005	44	2	0.004	0.001
08/07/2002	6:50 PM	57	2 of 2	10	1	0.021	0.002	44	2	0.003	0.000
01/30/2003	3:30 PM	55	1 of 2	11	1	0.032	0.005	40	1	0.0045	0.0006
01/30/2003	3:30 PM	55	2 of 2	10	1	0.025	0.006	43	0	0.0051	0.0003
04/17/2003	2:30 PM	55	1 of 2	11	0	0.035	0.005	43	4	0.007	0.001
04/17/2003	2:30 PM	55	2 of 2	11	0	0.033	0.006	44	4	0.006	0.001
08/07/2003	4:00 PM	1	1 of 2	8.9	0.8	0.014	0.006	41	3	0.003	0.001
08/07/2003	4:00 PM	1	2 of 2	8.9	1.1	0.020	0.006	41	4	0.003	0.001

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Silica (as SiO ₂) mg/L (00956)		Samarium (Sm) µg/L (82322)		Strontium (Sr) µg/L (01084)		Terbium (Tb) µg/L (01218)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	8.3	0.7	0.012	0.003	43	4	0.001	0.001
08/07/2002	3:40 PM	10	2 of 2	8.2	0.4	0.011	0.003	43	4	0.002	0.001
04/17/2003	1:20 PM	80	1 of 2	10	1	0.019	0.006	42	3	0.005	0.001
04/17/2003	1:20 PM	80	2 of 2	9.9	0.6	0.026	0.004	41	3	0.003	0.001
08/07/2003	1:00 PM	1	1 of 2	9.0	0.6	0.015	0.012	41	4	0.002	0.001
08/07/2003	1:00 PM	1	2 of 2	8.9	1.0	0.006	0.001	41	1	0.001	0.001
08/07/2003	1:30 PM	40	1 of 2	10	1	0.016	0.005	39	4	0.003	0.001
08/07/2003	1:30 PM	40	2 of 2	10	1	0.015	0.003	38	3	0.002	0.001
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	55	1	4.4	0.1	146	2	0.95	0.10
10/31/2001	2:15 PM	1	2 of 2	55	0	4.2	0.4	149	3	0.97	0.09
02/13/2002	3:10 PM	10	1 of 2	11	0	0.017	0.006	50	2	0.004	0.001
02/13/2002	3:10 PM	10	2 of 2	11	1	0.023	0.001	50	3	0.003	0.001
02/13/2002	3:30 PM	35	1of 1	11	0	0.034	0.004	49	2	0.010	0.001
04/24/2002	11:10 AM	30	1 of 2	10	1	0.020	0.005	42	1	0.0038	0.0007
04/24/2002	11:10 AM	30	2 of 2	10	1	0.015	0.003	42	2	0.0044	0.0004
08/07/2002	5:00 PM	1	1 of 2	24	1	0.39	0.05	62	7	0.11	0.00
08/07/2002	5:00 PM	1	2 of 2	23	2	0.42	0.01	62	3	0.098	0.001
11/05/2002	2:50 PM	0	1 of 2	47	3	2.6	0.1	105	2	0.56	0.01
11/05/2002	2:50 PM	0	2 of 2	47	3	2.5	0.0	109	5	0.56	0.01
01/30/2003	12:30 PM	10	1 of 2	11	1	0.023	0.005	41	1	0.0025	0.0003
01/30/2003	12:30 PM	10	2 of 2	10.0	1.2	0.017	0.001	40	2	0.0033	0.0006
01/30/2003	1:20 PM	38	1 of 2	16	1	0.38	0.02	56	1	0.080	0.003
01/30/2003	1:20 PM	38	2 of 2	16	1	0.36	0.03	57	0	0.085	0.000
04/17/2003	4:00 PM	40	1 of 2	19	1	0.53	0.05	50	4	0.14	0.01
04/17/2003	4:00 PM	40	2 of 2	19	1	0.55	0.03	50	4	0.14	0.00
08/07/2003	4:30 PM	1	1 of 2	15	2	0.021	0.007	46	6	0.005	0.001
08/07/2003	4:30 PM	1	2 of 2	15	2	0.021	0.004	46	3	0.004	0.001
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1of 1	21	0	1.48	0.15	94	11	0.38	0.04
02/13/2002	2:20 PM	52	1 of 2	12	0	0.042	0.005	54	1	0.009	0.002
02/13/2002	2:20 PM	52	2 of 2	11	1	0.057	0.002	54	5	0.008	0.000
04/23/2002	1:10 PM	20	1 of 2	8.5	0.5	0.011	0.003	44	1	0.0013	0.0001
04/23/2002	1:10 PM	20	2 of 2	8.9	0.8	0.013	0.004	42	2	0.0028	0.0009
11/05/2002	2:00 PM	1	1 of 2	53	4	7.8	0.4	181	6	2.2	0.1
11/05/2002	2:00 PM	1	2 of 2	52	5	7.5	0.6	184	4	2.1	0.2

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Tellurium (Te)		Thorium (Th)		Thallium (Tl)		Thulium (Tm)	
				µg/L (01064)		µg/L (82364)		µg/L (01059)		µg/L —	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	<0.06	0.00	<0.008	0.001	<0.06	0.01	<0.001	0.001
10/30/2001	5:15 PM	10	2 of 2	<0.06	0.01	<0.008	0.001	<0.06	0.01	<0.001	0.000
02/12/2002	12:00 PM	8	1 of 2	<0.09	0.04	0.007	0.003	<0.1	0.1	<0.001	0.000
02/12/2002	12:00 PM	8	2 of 2	<0.09	0.03	0.011	0.007	<0.1	0.1	0.0011	0.0007
04/22/2002	3:20 PM	10	1 of 2	<0.03	0.00	0.014	0.010	<0.02	0.02	0.0009	0.0005
04/22/2002	3:20 PM	10	2 of 2	<0.03	0.02	<0.007	0.001	<0.02	0.01	0.0018	0.0003
08/06/2002	4:30 PM	10	1 of 2	<0.07	0.04	<0.008	0.003	<0.02	0.02	0.001	0.000
08/06/2002	4:30 PM	10	2 of 2	<0.07	0.03	0.012	0.009	<0.02	0.02	<0.001	0.000
04/15/2003	10:30 AM	40	1 of 2	<0.06	0.02	0.014	0.001	<0.06	0.04	0.006	0.001
04/15/2003	10:30 AM	40	2 of 2	<0.06	0.00	<0.007	0.004	<0.06	0.06	0.003	0.001
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	<0.11	0.01	<0.014	0.002	<0.11	0.07	0.006	0.002
11/01/2001	8:30 AM	70	2 of 2	<0.11	0.02	<0.014	0.002	<0.11	0.03	0.004	0.001
02/12/2002	11:00 AM	140	1 of 2	<0.09	0.05	0.025	0.011	<0.1	0.2	<0.001	0.000
02/12/2002	11:00 AM	140	2 of 2	<0.09	0.02	0.015	0.008	<0.1	0.1	0.0019	0.0003
04/22/2002	3:00 PM	140	1 of 2	<0.03	0.01	0.007	0.001	<0.02	0.01	0.0029	0.0005
04/22/2002	3:00 PM	140	2 of 2	<0.03	0.02	0.010	0.008	<0.02	0.02	0.0018	0.0007
08/08/2002	12:00 PM	45	1 of 2	<0.07	0.02	<0.008	0.004	<0.02	0.01	<0.001	0.001
08/08/2002	12:00 PM	45	2 of 2	<0.07	0.05	<0.008	0.001	<0.02	0.01	0.001	0.000
08/08/2002	1:30 PM	113	1 of 2	<0.07	0.02	0.009	0.011	<0.02	0.04	0.002	0.000
08/08/2002	1:30 PM	113	2 of 2	<0.07	0.04	<0.008	0.010	<0.02	0.04	<0.001	0.001
11/04/2002	3:50 PM	10	1 of 2	<0.07	0.04	0.020	0.004	<0.04	0.00	0.005	0.002
11/04/2002	3:50 PM	10	2 of 2	<0.07	0.05	0.028	0.014	<0.04	0.01	0.005	0.000
11/04/2002	3:20 PM	55	1 of 2	<0.07	0.04	0.025	0.010	<0.04	0.05	0.003	0.000
11/04/2002	3:20 PM	55	2 of 2	<0.07	0.02	0.020	0.003	<0.04	0.04	0.004	0.001
01/29/2003	2:30 PM	10	1 of 2	<0.07	0.03	<0.01	0.00	<0.03	0.01	0.002	0.001
01/29/2003	2:30 PM	10	2 of 2	<0.07	0.03	<0.01	0.00	<0.03	0.00	0.001	0.000
01/28/2003	4:40 PM	140	1 of 2	<0.07	0.02	<0.01	0.00	<0.03	0.01	0.002	0.001
01/28/2003	4:40 PM	140	2 of 2	<0.07	0.03	<0.01	0.01	<0.03	0.02	0.002	0.000
04/16/2003	4:00 PM	150	1 of 2	<0.06	0.03	<0.007	0.000	<0.06	0.01	0.002	0.000
04/16/2003	4:00 PM	150	2 of 2	<0.06	0.01	<0.007	0.001	<0.06	0.01	0.002	0.000
08/05/2003	12:30 PM	1	1 of 2	<0.04	0.03	<0.009	0.001	<0.02	0.04	<0.0007	0.0003
08/05/2003	12:30 PM	1	2 of 2	<0.04	0.03	<0.009	0.001	<0.02	0.00	0.0007	0.0009
08/05/2003	3:30 PM	73	1 of 2	0.04	0.02	<0.009	0.001	<0.02	0.01	0.0016	0.0017
08/05/2003	3:30 PM	73	2 of 2	<0.04	0.04	<0.009	0.000	<0.02	0.02	0.0012	0.0006
08/05/2003	1:00 PM	120	1 of 2	<0.04	0.00	<0.009	0.007	<0.02	0.05	0.0021	0.0004
08/05/2003	1:00 PM	120	2 of 2	<0.04	0.04	<0.009	0.000	<0.02	0.01	0.0016	0.0012

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Tellurium (Te) µg/L (01064)		Thorium (Th) µg/L (82364)		Thallium (Tl) µg/L (01059)		Thulium (Tm) µg/L —	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
				Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)							
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	<0.06	0.02	<0.008	0.001	<0.06	0.00	<0.001	0.001
10/29/2001	4:15 PM	6	2 of 2	<0.06	0.02	<0.008	0.001	<0.06	0.00	<0.001	0.001
02/12/2002	1:30 PM	60	1 of 2	<0.09	0.00	0.010	0.004	<0.1	0.1	0.0012	0.001
02/12/2002	1:30 PM	60	2 of 2	<0.09	0.04	0.018	0.016	<0.1	0.1	0.0011	0.000
04/22/2002	1:50 PM	10	1 of 2	<0.03	0.03	<0.007	0.004	<0.02	0.01	0.0016	0.000
04/22/2002	1:50 PM	10	2 of 2	<0.03	0.01	<0.007	0.004	<0.02	0.02	0.0011	0.001
04/15/2003	12:40 PM	32	1 of 2	<0.06	0.02	<0.007	0.000	<0.06	0.06	0.002	0.001
04/15/2003	12:40 PM	32	2 of 2	<0.06	0.03	<0.007	0.001	<0.06	0.07	0.002	0.002
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	<0.06	0.01	<0.008	0.001	<0.06	0.01	0.005	0.001
10/29/2001	2:45 PM	50	2 of 2	<0.06	0.01	<0.008	0.002	<0.06	0.01	0.005	0.001
02/13/2002	8:30 AM	120	1 of 2	<0.09	0.00	0.018	0.004	<0.1	0.1	0.0022	0.0006
02/13/2002	8:30 AM	120	2 of 2	<0.09	0.01	0.018	0.003	<0.1	0.1	0.0024	0.0007
04/22/2002	12:20 PM	120	1 of 2	<0.03	0.03	0.021	0.003	<0.02	0.01	0.0024	0.0004
04/22/2002	12:20 PM	120	2 of 2	<0.03	0.02	0.017	0.004	<0.02	0.00	0.0021	0.0004
08/07/2002	12:10 PM	10	1 of 2	<0.07	0.02	0.012	0.007	0.03	0.05	<0.001	0.001
08/07/2002	12:10 PM	10	2 of 2	<0.07	0.01	0.018	0.005	<0.02	0.02	<0.001	0.001
08/07/2002	12:40 PM	47	1 of 2	<0.07	0.02	<0.008	0.003	<0.02	0.01	0.001	0.001
08/07/2002	12:40 PM	47	2 of 2	<0.07	0.03	<0.008	0.001	<0.02	0.02	<0.001	0.000
08/08/2002	2:50 PM	80	1 of 2	<0.07	0.03	<0.008	0.014	<0.02	0.00	0.001	0.001
08/08/2002	2:50 PM	80	2 of 2	<0.07	0.02	<0.008	0.008	<0.02	0.02	0.002	0.000
11/05/2002	2:30 PM	10	1 of 2	<0.07	0.02	0.014	0.000	<0.04	0.01	0.003	0.000
11/05/2002	2:30 PM	10	2 of 2	<0.07	0.02	0.029	0.016	<0.04	0.01	0.002	0.001
11/05/2002	2:10 PM	30	1 of 2	<0.07	0.01	0.035	0.008	<0.04	0.02	0.007	0.002
11/05/2002	2:10 PM	30	2 of 2	<0.07	0.04	0.049	0.017	<0.04	0.04	0.006	0.001
01/29/2003	2:00 PM	10	1 of 2	<0.07	0.03	0.01	0.01	<0.03	0.03	0.002	0.001
01/29/2003	2:00 PM	10	2 of 2	<0.07	0.03	0.02	0.01	<0.03	0.01	0.001	0.001
01/28/2003	3:30 PM	120	1 of 2	<0.07	0.02	<0.01	0.00	<0.03	0.03	0.002	0.001
01/28/2003	3:30 PM	120	2 of 2	<0.07	0.04	0.01	0.01	<0.03	0.01	0.002	0.000
04/17/2003	10:30 AM	125	1 of 2	<0.06	0.04	<0.007	0.001	<0.06	0.01	0.002	0.000
04/17/2003	10:30 AM	125	2 of 2	<0.06	0.04	<0.007	0.000	<0.06	0.08	<0.002	0.000
08/07/2003	11:30 AM	1	1 of 2	<0.04	0.01	<0.009	0.002	<0.02	0.00	0.0010	0.0011
08/07/2003	11:30 AM	1	2 of 2	<0.04	0.00	<0.009	0.001	<0.02	0.03	0.0017	0.0007
08/07/2003	11:50 AM	100	1 of 2	<0.04	0.03	<0.009	0.000	<0.02	0.05	0.0017	0.0007
08/07/2003	11:50 AM	100	2 of 2	<0.04	0.02	<0.009	0.003	<0.02	0.07	0.0026	0.0008

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Tellurium (Te)		Thorium (Th)		Thallium (Tl)		Thulium (Tm)	
				µg/L (01064)		µg/L (82364)		µg/L (01059)		µg/L —	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)											
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	<0.06	0.01	<0.008	0.000	<0.06	0.00	0.003	0.001
10/31/2001	10:15 AM	12	2 of 2	<0.06	0.02	<0.008	0.001	<0.06	0.01	0.003	0.001
02/13/2002	9:00 AM	80	1 of 2	<0.09	0.02	0.024	0.001	<0.1	0.1	0.0016	0.0006
02/13/2002	9:00 AM	80	2 of 2	<0.09	0.02	0.017	0.011	<0.1	0.0	0.0020	0.0002
04/22/2002	10:40 AM	80	1 of 2	<0.03	0.02	0.013	0.006	<0.02	0.03	0.0020	0.0005
04/22/2002	10:40 AM	80	2 of 2	<0.03	0.00	0.016	0.006	<0.02	0.01	0.0021	0.0008
08/06/2002	5:50 PM	10	1 of 2	<0.07	0.01	0.014	0.007	<0.02	0.03	<0.001	0.001
08/06/2002	5:50 PM	10	2 of 2	<0.07	0.03	0.017	0.016	<0.02	0.02	<0.001	0.001
08/06/2002	6:20 PM	55	1 of 2	<0.07	0.05	0.019	0.013	0.03	0.05	0.002	0.001
08/06/2002	6:20 PM	55	2 of 2	<0.07	0.01	<0.008	0.000	<0.02	0.05	<0.001	0.000
11/05/2002	4:10 PM	7	1 of 2	<0.07	0.01	0.027	0.012	<0.04	0.01	0.004	0.000
11/05/2002	4:10 PM	7	2 of 2	<0.07	0.01	0.027	0.007	<0.04	0.02	0.003	0.001
01/29/2003	1:20 PM	10	1 of 2	<0.07	0.02	0.01	0.01	<0.03	0.00	0.002	0.000
01/29/2003	1:20 PM	10	2 of 2	<0.07	0.01	<0.01	0.01	<0.03	0.01	0.002	0.001
01/28/2003	2:50 PM	85	1 of 2	<0.07	0.03	<0.01	0.00	<0.03	0.03	0.003	0.000
01/28/2003	2:50 PM	85	2 of 2	<0.07	0.01	<0.01	0.01	<0.03	0.01	0.002	0.000
04/17/2003	11:30 AM	90	1 of 2	<0.06	0.05	<0.007	0.001	<0.06	0.06	0.002	0.001
04/17/2003	11:30 AM	90	2 of 2	<0.06	0.00	<0.007	0.001	<0.06	0.11	0.002	0.001
08/07/2003	10:00 AM	1	1 of 2	<0.04	0.00	<0.009	0.004	<0.02	0.01	0.0012	0.0011
08/07/2003	10:00 AM	1	2 of 2	<0.04	0.04	<0.009	0.002	<0.02	0.02	<0.0007	0.0004
08/06/2003	3:00 PM	100	1 of 2	<0.04	0.04	0.061	0.003	0.08	0.12	0.014	0.001
08/06/2003	3:00 PM	100	2 of 2	<0.04	0.03	0.037	0.008	<0.02	0.03	0.012	0.003
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	<0.06	0.01	<0.008	0.001	<0.06	0.02	<0.001	0.002
10/31/2001	1:00 PM	4	2 of 2	<0.06	0.02	<0.008	0.001	<0.06	0.00	<0.001	0.000
02/13/2002	1:00 PM	20	1 of 2	<0.09	0.03	0.011	0.006	<0.1	0.1	0.0010	0.0002
02/13/2002	1:00 PM	20	2 of 2	<0.09	0.01	0.036	0.000	<0.1	0.2	0.0014	0.0006
04/23/2002	12:10 PM	20	1 of 2	<0.03	0.01	<0.007	0.004	<0.02	0.03	0.0014	0.0003
04/23/2002	12:10 PM	20	2 of 2	<0.03	0.02	0.015	0.014	0.06	0.02	0.0008	0.0005
08/07/2002	6:50 PM	57	1 of 2	<0.07	0.03	0.009	0.010	<0.02	0.01	0.002	0.001
08/07/2002	6:50 PM	57	2 of 2	<0.07	0.01	0.015	0.002	<0.02	0.02	0.002	0.000
01/30/2003	3:30 PM	55	1 of 2	<0.07	0.03	<0.01	0.00	<0.03	0.01	0.002	0.001
01/30/2003	3:30 PM	55	2 of 2	<0.07	0.04	0.01	0.00	<0.03	0.03	0.002	0.001
04/17/2003	2:30 PM	55	1 of 2	<0.06	0.04	<0.007	0.001	<0.06	0.17	0.004	0.000
04/17/2003	2:30 PM	55	2 of 2	<0.06	0.02	<0.007	0.000	<0.06	0.18	0.002	0.002
08/07/2003	4:00 PM	1	1 of 2	<0.04	0.03	<0.009	0.003	<0.02	0.03	0.0017	0.0003
08/07/2003	4:00 PM	1	2 of 2	<0.04	0.01	<0.009	0.001	<0.02	0.03	0.0014	0.0010

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Tellurium (Te) µg/L (01064)		Thorium (Th) µg/L (82364)		Thallium (Tl) µg/L (01059)		Thulium (Tm) µg/L —	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
				Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)							
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	<0.07	0.04	<0.008	0.001	<0.02	0.01	<0.001	0.000
08/07/2002	3:40 PM	10	2 of 2	<0.07	0.04	0.011	0.003	<0.02	0.01	<0.001	0.001
04/17/2003	1:20 PM	80	1 of 2	<0.06	0.03	<0.007	0.001	<0.06	0.04	0.002	0.001
04/17/2003	1:20 PM	80	2 of 2	<0.06	0.03	<0.007	0.000	<0.06	0.05	<0.002	0.001
08/07/2003	1:00 PM	1	1 of 2	<0.04	0.00	<0.009	0.001	<0.02	0.01	0.0013	0.0005
08/07/2003	1:00 PM	1	2 of 2	<0.04	0.04	<0.009	0.000	<0.02	0.02	0.0007	0.0007
08/07/2003	1:30 PM	40	1 of 2	<0.04	0.03	<0.009	0.002	<0.02	0.02	0.0010	0.0005
08/07/2003	1:30 PM	40	2 of 2	<0.04	0.02	<0.009	0.001	<0.02	0.03	0.0018	0.0011
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121117101											
10/31/2001	2:15 PM	1	1 of 2	0.06	0.00	0.23	0.09	0.55	0.08	0.52	0.02
10/31/2001	2:15 PM	1	2 of 2	<0.06	0.02	0.20	0.04	0.55	0.08	0.49	0.04
02/13/2002	3:10 PM	10	1 of 2	<0.09	0.03	0.012	0.003	<0.1	0.1	0.0013	0.0003
02/13/2002	3:10 PM	10	2 of 2	<0.09	0.03	0.010	0.007	<0.1	0.1	0.0019	0.0003
02/13/2002	3:30 PM	35	1of 1	<0.09	0.03	0.014	0.006	<0.1	0.0	0.0050	0.0006
04/24/2002	11:10 AM	30	1 of 2	<0.03	0.00	0.021	0.017	<0.02	0.00	0.0019	0.0004
04/24/2002	11:10 AM	30	2 of 2	<0.03	0.02	0.017	0.007	<0.02	0.01	0.0024	0.0004
08/07/2002	5:00 PM	1	1 of 2	<0.07	0.03	0.028	0.012	0.11	0.01	0.056	0.000
08/07/2002	5:00 PM	1	2 of 2	<0.07	0.03	0.045	0.005	0.11	0.01	0.053	0.001
11/05/2002	2:50 PM	0	1 of 2	<0.07	0.01	0.093	0.000	0.42	0.02	0.31	0.01
11/05/2002	2:50 PM	0	2 of 2	<0.07	0.05	0.11	0.03	0.43	0.03	0.31	0.02
01/30/2003	12:30 PM	10	1 of 2	<0.07	0.02	0.01	0.00	<0.03	0.01	0.001	0.000
01/30/2003	12:30 PM	10	2 of 2	<0.07	0.02	0.03	0.00	<0.03	0.00	0.001	0.001
01/30/2003	1:20 PM	38	1 of 2	<0.07	0.00	0.05	0.04	0.08	0.02	0.043	0.001
01/30/2003	1:20 PM	38	2 of 2	<0.07	0.04	0.05	0.04	0.08	0.01	0.046	0.005
04/17/2003	4:00 PM	40	1 of 2	<0.06	0.05	<0.007	0.000	<0.06	0.10	0.071	0.008
04/17/2003	4:00 PM	40	2 of 2	<0.06	0.04	<0.007	0.001	<0.06	0.05	0.076	0.001
08/07/2003	4:30 PM	1	1 of 2	<0.04	0.01	<0.009	0.002	<0.05	0.05	0.0033	0.0006
08/07/2003	4:30 PM	1	2 of 2	<0.04	0.05	<0.009	0.002	<0.05	0.01	0.0030	0.0004
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 3901521211171001											
10/31/2001	2:40 PM	1	1of 1	<0.11	0.01	<0.014	0.001	<0.11	0.01	0.22	0.00
02/13/2002	2:20 PM	52	1 of 2	<0.09	0.05	0.019	0.011	<0.1	0.1	0.0050	0.0017
02/13/2002	2:20 PM	52	2 of 2	<0.09	0.00	0.009	0.009	<0.1	0.1	0.0037	0.0013
04/23/2002	1:10 PM	20	1 of 2	<0.03	0.01	0.010	0.004	0.04	0.01	0.0016	0.0003
04/23/2002	1:10 PM	20	2 of 2	<0.03	0.01	0.012	0.008	<0.02	0.02	0.0015	0.0007
11/05/2002	2:00 PM	1	1 of 2	<0.07	0.02	0.13	0.04	0.51	0.01	1.2	0.0
11/05/2002	2:00 PM	1	2 of 2	<0.07	0.02	0.100	0.011	0.51	0.00	1.2	0.0

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Uranium (U)		Vanadium (V)		Yttrium (Y)		Ytterbium (Yb)	
				µg/L (28011)		µg/L (01087)		µg/L (01203)		µg/L (01196)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	0.066	0.009	2	1	0.094	0.012	0.009	0.001
10/30/2001	5:15 PM	10	2 of 2	0.067	0.003	3	0	0.095	0.010	0.012	0.003
02/12/2002	12:00 PM	8	1 of 2	0.014	0.005	<4	1	0.12	0.00	0.013	0.003
02/12/2002	12:00 PM	8	2 of 2	0.017	0.005	<4	1	0.12	0.00	0.011	0.001
04/22/2002	3:20 PM	10	1 of 2	0.022	0.002	<2	0	0.074	0.004	0.004	0.000
04/22/2002	3:20 PM	10	2 of 2	0.021	0.002	<2	1	0.068	0.005	0.006	0.002
08/06/2002	4:30 PM	10	1 of 2	0.012	0.001	2	1	0.043	0.006	<0.004	0.001
08/06/2002	4:30 PM	10	2 of 2	0.016	0.002	2	1	0.047	0.001	<0.004	0.002
04/15/2003	10:30 AM	40	1 of 2	0.064	0.001	6	3	0.46	0.02	0.059	0.003
04/15/2003	10:30 AM	40	2 of 2	0.037	0.008	5	1	0.30	0.00	0.032	0.004
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	0.047	0.000	<2	1	0.42	0.01	0.036	0.006
11/01/2001	8:30 AM	70	2 of 2	0.042	0.008	3	1	0.42	0.02	0.041	0.004
02/12/2002	11:00 AM	140	1 of 2	0.021	0.003	<4	1	0.16	0.01	0.012	0.002
02/12/2002	11:00 AM	140	2 of 2	0.027	0.008	<4	1	0.15	0.01	0.014	0.000
04/22/2002	3:00 PM	140	1 of 2	0.022	0.002	<2	2	0.15	0.01	0.015	0.001
04/22/2002	3:00 PM	140	2 of 2	0.024	0.001	<2	2	0.14	0.00	0.017	0.001
08/08/2002	12:00 PM	45	1 of 2	0.016	0.002	<2	1	0.063	0.005	0.008	0.001
08/08/2002	12:00 PM	45	2 of 2	0.012	0.001	<2	0	0.077	0.006	<0.004	0.002
08/08/2002	1:30 PM	113	1 of 2	0.010	0.002	<2	1	0.069	0.006	0.006	0.002
08/08/2002	1:30 PM	113	2 of 2	0.017	0.000	<2	1	0.065	0.002	0.005	0.002
11/04/2002	3:50 PM	10	1 of 2	0.048	0.002	4	1	0.35	0.01	0.033	0.004
11/04/2002	3:50 PM	10	2 of 2	0.052	0.004	3	1	0.35	0.02	0.030	0.004
11/04/2002	3:20 PM	55	1 of 2	0.046	0.005	3	1	0.26	0.01	0.015	0.004
11/04/2002	3:20 PM	55	2 of 2	0.045	0.000	4	1	0.25	0.01	0.022	0.004
01/29/2003	2:30 PM	10	1 of 2	0.018	0.003	<2	2	0.14	0.00	0.014	0.004
01/29/2003	2:30 PM	10	2 of 2	0.020	0.004	<2	1	0.13	0.01	0.013	0.004
01/28/2003	4:40 PM	140	1 of 2	0.028	0.003	<2	1	0.17	0.01	0.016	0.003
01/28/2003	4:40 PM	140	2 of 2	0.027	0.004	<2	1	0.17	0.01	0.014	0.003
04/16/2003	4:00 PM	150	1 of 2	0.019	0.000	<2	2	0.11	0.01	0.011	0.001
04/16/2003	4:00 PM	150	2 of 2	0.022	0.004	<2	1	0.11	0.00	0.009	0.000
08/05/2003	12:30 PM	1	1 of 2	<0.01	0.00	3	2	0.033	0.003	<0.003	0.003
08/05/2003	12:30 PM	1	2 of 2	<0.01	0.00	<2	1	0.038	0.003	<0.003	0.000
08/05/2003	3:30 PM	73	1 of 2	0.02	0.00	<2	0	0.10	0.00	0.008	0.001
08/05/2003	3:30 PM	73	2 of 2	0.02	0.01	<2	1	0.090	0.010	0.007	0.001
08/05/2003	1:00 PM	120	1 of 2	0.01	0.00	<2	1	0.092	0.016	0.009	0.001
08/05/2003	1:00 PM	120	2 of 2	<0.01	0.00	<2	0	0.081	0.011	0.010	0.003

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued*.

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Uranium (U)		Vanadium (V)		Yttrium (Y)		Ytterbium (Yb)	
				µg/L (28011)		µg/L (01087)		µg/L (01203)		µg/L (01196)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	0.067	0.002	<1	1	0.063	0.012	0.008	0.005
10/29/2001	4:15 PM	6	2 of 2	0.063	0.009	2	1	0.058	0.001	0.008	0.001
02/12/2002	1:30 PM	60	1 of 2	0.017	0.002	<4	1	0.13	0.00	0.011	0.003
02/12/2002	1:30 PM	60	2 of 2	0.017	0.003	<4	0	0.12	0.01	0.011	0.002
04/22/2002	1:50 PM	10	1 of 2	0.020	0.001	<2	0	0.073	0.003	0.004	0.002
04/22/2002	1:50 PM	10	2 of 2	0.019	0.001	<2	0	0.075	0.008	0.006	0.002
04/15/2003	12:40 PM	32	1 of 2	0.018	0.001	<2	1	0.087	0.007	0.007	0.002
04/15/2003	12:40 PM	32	2 of 2	0.014	0.006	<2	1	0.083	0.009	0.007	0.001
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	0.094	0.004	4	1	0.30	0.00	0.032	0.000
10/29/2001	2:45 PM	50	2 of 2	0.099	0.009	4	1	0.31	0.00	0.026	0.004
02/13/2002	8:30 AM	120	1 of 2	0.019	0.002	<4	1	0.14	0.01	0.015	0.002
02/13/2002	8:30 AM	120	2 of 2	0.019	0.003	<4	1	0.16	0.00	0.016	0.004
04/22/2002	12:20 PM	120	1 of 2	0.021	0.000	<2	1	0.16	0.01	0.013	0.003
04/22/2002	12:20 PM	120	2 of 2	0.021	0.001	<2	1	0.15	0.00	0.012	0.001
08/07/2002	12:10 PM	10	1 of 2	0.034	0.015	2	1	0.053	0.008	<0.004	0.001
08/07/2002	12:10 PM	10	2 of 2	0.013	0.002	2	1	0.054	0.004	0.005	0.004
08/07/2002	12:40 PM	47	1 of 2	0.012	0.004	<2	1	0.083	0.006	0.011	0.002
08/07/2002	12:40 PM	47	2 of 2	0.012	0.000	<2	0	0.080	0.006	0.007	0.002
08/08/2002	2:50 PM	80	1 of 2	0.018	0.006	<2	2	0.091	0.007	0.009	0.001
08/08/2002	2:50 PM	80	2 of 2	0.014	0.001	<2	1	0.093	0.004	0.006	0.003
11/05/2002	2:30 PM	10	1 of 2	0.049	0.001	2	2	0.22	0.01	0.021	0.004
11/05/2002	2:30 PM	10	2 of 2	0.050	0.005	3	1	0.21	0.01	0.023	0.004
11/05/2002	2:10 PM	30	1 of 2	0.067	0.003	4	1	0.47	0.01	0.037	0.002
11/05/2002	2:10 PM	30	2 of 2	0.064	0.001	3	1	0.44	0.02	0.037	0.012
01/29/2003	2:00 PM	10	1 of 2	0.025	0.005	<2	0	0.15	0.01	0.009	0.003
01/29/2003	2:00 PM	10	2 of 2	0.029	0.004	<2	1	0.15	0.01	0.016	0.005
01/28/2003	3:30 PM	120	1 of 2	0.026	0.000	<2	1	0.16	0.00	0.016	0.003
01/28/2003	3:30 PM	120	2 of 2	0.027	0.001	<2	1	0.17	0.00	0.015	0.002
04/17/2003	10:30 AM	125	1 of 2	0.019	0.003	<2	0	0.12	0.01	0.011	0.002
04/17/2003	10:30 AM	125	2 of 2	0.022	0.007	<2	3	0.12	0.01	0.014	0.000
08/07/2003	11:30 AM	1	1 of 2	0.01	0.00	3	1	0.043	0.005	0.007	0.001
08/07/2003	11:30 AM	1	2 of 2	<0.01	0.00	<2	0	0.043	0.001	0.004	0.002
08/07/2003	11:50 AM	100	1 of 2	0.01	0.00	<2	1	0.098	0.003	0.008	0.001
08/07/2003	11:50 AM	100	2 of 2	0.01	0.00	<2	1	0.11	0.01	0.013	0.002

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Uranium (U)		Vanadium (V)		Yttrium (Y)		Ytterbium (Yb)	
				µg/L (28011)		µg/L (01087)		µg/L (01203)		µg/L (01196)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)											
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	0.065	0.008	2	2	0.18	0.02	0.017	0.004
10/31/2001	10:15 AM	12	2 of 2	0.066	0.012	2	1	0.17	0.01	0.013	0.002
02/13/2002	9:00 AM	80	1 of 2	0.024	0.006	<4	0	0.16	0.01	0.010	0.001
02/13/2002	9:00 AM	80	2 of 2	0.023	0.001	<4	1	0.15	0.00	0.011	0.002
04/22/2002	10:40 AM	80	1 of 2	0.022	0.001	<2	0	0.14	0.01	0.011	0.002
04/22/2002	10:40 AM	80	2 of 2	0.027	0.006	<2	1	0.14	0.01	0.010	0.000
08/06/2002	5:50 PM	10	1 of 2	0.015	0.004	2	1	0.054	0.005	0.005	0.001
08/06/2002	5:50 PM	10	2 of 2	0.017	0.005	<2	0	0.054	0.006	<0.004	0.001
08/06/2002	6:20 PM	55	1 of 2	0.018	0.003	<2	1	0.10	0.01	0.007	0.002
08/06/2002	6:20 PM	55	2 of 2	0.016	0.003	<2	0	0.099	0.004	0.009	0.003
11/05/2002	4:10 PM	7	1 of 2	0.056	0.001	2	0	0.23	0.02	0.019	0.004
11/05/2002	4:10 PM	7	2 of 2	0.053	0.006	4	1	0.24	0.00	0.018	0.005
01/29/2003	1:20 PM	10	1 of 2	0.029	0.002	<2	0	0.14	0.01	0.012	0.002
01/29/2003	1:20 PM	10	2 of 2	0.027	0.002	<2	2	0.18	0.01	0.013	0.004
01/28/2003	2:50 PM	85	1 of 2	0.026	0.006	<2	1	0.14	0.00	0.009	0.002
01/28/2003	2:50 PM	85	2 of 2	0.026	0.002	<2	2	0.16	0.01	0.014	0.005
04/17/2003	11:30 AM	90	1 of 2	0.023	0.002	<2	1	0.18	0.02	0.014	0.001
04/17/2003	11:30 AM	90	2 of 2	0.021	0.002	<2	1	0.18	0.02	0.016	0.000
08/07/2003	10:00 AM	1	1 of 2	<0.01	0.00	2	0	0.055	0.006	<0.003	0.001
08/07/2003	10:00 AM	1	2 of 2	<0.01	0.00	2	1	0.058	0.004	0.003	0.003
08/06/2003	3:00 PM	100	1 of 2	0.08	0.00	4	0	0.89	0.01	0.074	0.007
08/06/2003	3:00 PM	100	2 of 2	0.05	0.01	6	0	0.91	0.02	0.074	0.005
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	0.064	0.006	2	1	0.092	0.007	0.007	0.003
10/31/2001	1:00 PM	4	2 of 2	0.064	0.000	2	0	0.097	0.013	0.007	0.002
02/13/2002	1:00 PM	20	1 of 2	0.016	0.004	<4	0	0.15	0.00	0.013	0.003
02/13/2002	1:00 PM	20	2 of 2	0.037	0.016	<4	1	0.14	0.01	0.012	0.003
04/23/2002	12:10 PM	20	1 of 2	0.024	0.001	<2	0	0.080	0.004	0.009	0.001
04/23/2002	12:10 PM	20	2 of 2	0.024	0.005	<2	2	0.084	0.002	0.010	0.001
08/07/2002	6:50 PM	57	1 of 2	0.012	0.000	<2	2	0.14	0.00	0.011	0.003
08/07/2002	6:50 PM	57	2 of 2	0.016	0.003	2	1	0.14	0.01	0.013	0.002
01/30/2003	3:30 PM	55	1 of 2	0.023	0.000	<2	2	0.19	0.01	0.016	0.002
01/30/2003	3:30 PM	55	2 of 2	0.026	0.002	<2	1	0.19	0.02	0.013	0.003
04/17/2003	2:30 PM	55	1 of 2	0.023	0.000	<2	1	0.25	0.02	0.029	0.001
04/17/2003	2:30 PM	55	2 of 2	0.023	0.004	<2	0	0.23	0.01	0.018	0.004
08/07/2003	4:00 PM	1	1 of 2	0.09	0.08	2	0	0.089	0.005	0.011	0.001
08/07/2003	4:00 PM	1	2 of 2	<0.01	0.00	2	0	0.092	0.009	0.005	0.002

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued*.

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Uranium (U)		Vanadium (V)		Yttrium (Y)		Ytterbium (Yb)	
				µg/L (28011)		µg/L (01087)		µg/L (01203)		µg/L (01196)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	0.012	0.002	2	1	0.055	0.001	0.005	0.004
08/07/2002	3:40 PM	10	2 of 2	0.014	0.000	2	1	0.056	0.003	<0.004	0.001
04/17/2003	1:20 PM	80	1 of 2	0.022	0.007	<2	1	0.15	0.00	0.011	0.004
04/17/2003	1:20 PM	80	2 of 2	0.020	0.003	<2	1	0.14	0.02	0.011	0.000
08/07/2003	1:00 PM	1	1 of 2	<0.01	0.00	<2	0	0.078	0.006	0.006	0.001
08/07/2003	1:00 PM	1	2 of 2	<0.01	0.00	<2	1	0.062	0.006	0.007	0.001
08/07/2003	1:30 PM	40	1 of 2	<0.01	0.00	<2	1	0.12	0.00	0.014	0.002
08/07/2003	1:30 PM	40	2 of 2	<0.01	0.00	2	0	0.11	0.00	0.011	0.002
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	0.50	0.06	<1	0	36	3	3.0	0.3
10/31/2001	2:15 PM	1	2 of 2	0.51	0.06	<1	1	36	2	3.0	0.3
02/13/2002	3:10 PM	10	1 of 2	0.018	0.003	<4	1	0.13	0.01	0.011	0.004
02/13/2002	3:10 PM	10	2 of 2	0.015	0.003	<4	1	0.14	0.00	0.010	0.001
02/13/2002	3:30 PM	35	1of 1	0.018	0.010	<4	1	0.36	0.01	0.027	0.001
04/24/2002	11:10 AM	30	1 of 2	0.019	0.003	<2	1	0.15	0.01	0.014	0.001
04/24/2002	11:10 AM	30	2 of 2	0.023	0.001	<2	1	0.15	0.00	0.015	0.003
08/07/2002	5:00 PM	1	1 of 2	0.057	0.001	<2	1	4.7	0.1	0.34	0.01
08/07/2002	5:00 PM	1	2 of 2	0.051	0.003	<2	0	4.4	0.3	0.34	0.01
11/05/2002	2:50 PM	0	1 of 2	0.32	0.00	<2	2	22	1	1.8	0.1
11/05/2002	2:50 PM	0	2 of 2	0.31	0.00	<2	2	23	0	1.8	0.0
01/30/2003	12:30 PM	10	1 of 2	0.023	0.002	<2	1	0.14	0.00	0.008	0.002
01/30/2003	12:30 PM	10	2 of 2	0.022	0.002	<2	1	0.13	0.00	0.011	0.001
01/30/2003	1:20 PM	38	1 of 2	0.074	0.002	<2	1	3.7	0.1	0.29	0.00
01/30/2003	1:20 PM	38	2 of 2	0.090	0.017	<2	0	3.5	0.1	0.28	0.03
04/17/2003	4:00 PM	40	1 of 2	0.11	0.00	<2	1	5.4	0.1	0.47	0.04
04/17/2003	4:00 PM	40	2 of 2	0.13	0.00	<2	1	5.5	0.5	0.46	0.01
08/07/2003	4:30 PM	1	1 of 2	<0.01	0.00	<2	2	0.26	0.03	0.017	0.005
08/07/2003	4:30 PM	1	2 of 2	<0.01	0.00	<2	0	0.27	0.01	0.019	0.002
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1of 1	0.13	0.02	<2	0	17.7	2.0	1.11	0.02
02/13/2002	2:20 PM	52	1 of 2	0.017	0.003	<4	2	0.33	0.02	0.026	0.002
02/13/2002	2:20 PM	52	2 of 2	0.017	0.001	<4	2	0.34	0.01	0.033	0.000
04/23/2002	1:10 PM	20	1 of 2	0.021	0.004	<2	1	0.079	0.003	0.007	0.003
04/23/2002	1:10 PM	20	2 of 2	0.019	0.001	<2	1	0.079	0.002	0.008	0.001
11/05/2002	2:00 PM	1	1 of 2	0.49	0.00	<2	0	103	4	7.5	0.1
11/05/2002	2:00 PM	1	2 of 2	0.47	0.04	<2	2	106	3	7.1	0.6

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Zinc (U)Zn	Zirconium (Zr)		
				µg/L (01092)	µg/L (01162)		
				Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3 mile north of dam abutment)							
Station number 390317121185001							
10/30/2001	5:15 PM	10	1 of 2	4.3	0.1	0.03	0.01
10/30/2001	5:15 PM	10	2 of 2	5.5	0.1	0.03	0.01
02/12/2002	12:00 PM	8	1 of 2	8.6	0.7	0.040	0.007
02/12/2002	12:00 PM	8	2 of 2	9.7	1.5	0.035	0.012
04/22/2002	3:20 PM	10	1 of 2	4.6	0.1	0.04	0.01
04/22/2002	3:20 PM	10	2 of 2	4.9	0.8	0.03	0.01
08/06/2002	4:30 PM	10	1 of 2	10	2	0.008	0.005
08/06/2002	4:30 PM	10	2 of 2	6.9	1.0	0.021	0.013
04/15/2003	10:30 AM	40	1 of 2	14	1	0.06	0.00
04/15/2003	10:30 AM	40	2 of 2	9.2	0.2	0.05	0.01
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)							
Station number 390307121183801							
11/01/2001	8:30 AM	70	1 of 2	9.7	1.5	0.10	0.01
11/01/2001	8:30 AM	70	2 of 2	10	1	0.09	0.01
02/12/2002	11:00 AM	140	1 of 2	9.0	0.3	0.057	0.013
02/12/2002	11:00 AM	140	2 of 2	7.3	0.6	0.055	0.008
04/22/2002	3:00 PM	140	1 of 2	18	15	0.07	0.02
04/22/2002	3:00 PM	140	2 of 2	7.3	0.2	0.04	0.01
08/08/2002	12:00 PM	45	1 of 2	7.3	1.7	0.027	0.011
08/08/2002	12:00 PM	45	2 of 2	9.7	1.5	0.011	0.002
08/08/2002	1:30 PM	113	1 of 2	7.4	0.7	0.013	0.004
08/08/2002	1:30 PM	113	2 of 2	11	1	0.019	0.005
11/04/2002	3:50 PM	10	1 of 2	6.9	0.7	0.088	0.004
11/04/2002	3:50 PM	10	2 of 2	7.8	0.2	0.089	0.004
11/04/2002	3:20 PM	55	1 of 2	7.6	0.7	0.070	0.009
11/04/2002	3:20 PM	55	2 of 2	9.6	0.3	0.070	0.008
01/29/2003	2:30 PM	10	1 of 2	5.2	1.5	0.044	0.016
01/29/2003	2:30 PM	10	2 of 2	4.3	0.5	0.034	0.008
01/28/2003	4:40 PM	140	1 of 2	6.7	0.5	0.050	0.005
01/28/2003	4:40 PM	140	2 of 2	4.1	0.5	0.050	0.005
04/16/2003	4:00 PM	150	1 of 2	8.4	0.4	0.03	0.01
04/16/2003	4:00 PM	150	2 of 2	4.0	0.5	0.02	0.01
08/05/2003	12:30 PM	1	1 of 2	<4	6	<0.02	0.01
08/05/2003	12:30 PM	1	2 of 2	<4	2	<0.02	0.00
08/05/2003	3:30 PM	73	1 of 2	23	1	<0.02	0.01
08/05/2003	3:30 PM	73	2 of 2	11	11	<0.02	0.01
08/05/2003	1:00 PM	120	1 of 2	10	5	0.03	0.01
08/05/2003	1:00 PM	120	2 of 2	<4	1	<0.02	0.01

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued*.

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Zinc (U)Zn µg/L (01092)		Zirconium (Zr) µg/L (01162)	
				Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)							
Station number 390244121171801							
10/29/2001	4:15 PM	6	1 of 2	3.6	0.9	0.02	0.01
10/29/2001	4:15 PM	6	2 of 2	3.8	0.2	<0.01	0.00
02/12/2002	1:30 PM	60	1 of 2	11	0	0.040	0.008
02/12/2002	1:30 PM	60	2 of 2	14	5	0.033	0.009
04/22/2002	1:50 PM	10	1 of 2	7.1	0.8	0.02	0.00
04/22/2002	1:50 PM	10	2 of 2	4.7	1.1	0.03	0.01
04/15/2003	12:40 PM	32	1 of 2	4.9	0.1	0.02	0.01
04/15/2003	12:40 PM	32	2 of 2	4.6	1.0	0.02	0.01
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)							
Station number 390238121173101							
10/29/2001	2:45 PM	50	1 of 2	20	5	0.08	0.01
10/29/2001	2:45 PM	50	2 of 2	11	1	0.08	0.02
02/13/2002	8:30 AM	120	1 of 2	12	1	0.053	0.008
02/13/2002	8:30 AM	120	2 of 2	17	0	0.052	0.010
04/22/2002	12:20 PM	120	1 of 2	8.8	0.7	0.06	0.01
04/22/2002	12:20 PM	120	2 of 2	9.2	0.1	0.10	0.01
08/07/2002	12:10 PM	10	1 of 2	8.0	2.8	0.014	0.003
08/07/2002	12:10 PM	10	2 of 2	9.9	1.0	0.034	0.002
08/07/2002	12:40 PM	47	1 of 2	17	3	0.021	0.008
08/07/2002	12:40 PM	47	2 of 2	18	1	0.023	0.004
08/08/2002	2:50 PM	80	1 of 2	12	1	0.032	0.004
08/08/2002	2:50 PM	80	2 of 2	5.7	0.2	0.025	0.005
11/05/2002	2:30 PM	10	1 of 2	11	0	0.055	0.006
11/05/2002	2:30 PM	10	2 of 2	6.8	0.9	0.065	0.017
11/05/2002	2:10 PM	30	1 of 2	14	2	0.11	0.03
11/05/2002	2:10 PM	30	2 of 2	19	0	0.12	0.01
01/29/2003	2:00 PM	10	1 of 2	14	2	0.039	0.006
01/29/2003	2:00 PM	10	2 of 2	5.0	0.3	0.039	0.010
01/28/2003	3:30 PM	120	1 of 2	4.5	0.8	0.048	0.007
01/28/2003	3:30 PM	120	2 of 2	4.2	0.4	0.046	0.011
04/17/2003	10:30 AM	125	1 of 2	4.4	0.4	0.04	0.02
04/17/2003	10:30 AM	125	2 of 2	5.4	0.7	0.03	0.01
08/07/2003	11:30 AM	1	1 of 2	<4	3	<0.02	0.00
08/07/2003	11:30 AM	1	2 of 2	<4	2	0.04	0.01
08/07/2003	11:50 AM	100	1 of 2	<4	3	0.03	0.01
08/07/2003	11:50 AM	100	2 of 2	10	2	0.03	0.01

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Zinc (U)Zn µg/L (01092)		Zirconium (Zr) µg/L (01162)	
				Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)							
Station number 390202121162201							
10/31/2001	10:15 AM	12	1 of 2	6.4	0.6	0.02	0.00
10/31/2001	10:15 AM	12	2 of 2	6.3	0.8	<0.01	0.00
02/13/2002	9:00 AM	80	1 of 2	6.1	0.1	0.064	0.005
02/13/2002	9:00 AM	80	2 of 2	6.1	0.1	0.057	0.014
04/22/2002	10:40 AM	80	1 of 2	10	2	0.05	0.01
04/22/2002	10:40 AM	80	2 of 2	9.5	0.9	0.05	0.01
08/06/2002	5:50 PM	10	1 of 2	4.4	0.0	0.014	0.005
08/06/2002	5:50 PM	10	2 of 2	4.4	1.2	0.030	0.012
08/06/2002	6:20 PM	55	1 of 2	7.7	2.2	0.026	0.009
08/06/2002	6:20 PM	55	2 of 2	18	16	0.025	0.003
11/05/2002	4:10 PM	7	1 of 2	20	1	0.15	0.01
11/05/2002	4:10 PM	7	2 of 2	12	0	0.083	0.011
01/29/2003	1:20 PM	10	1 of 2	3.4	0.2	0.044	0.015
01/29/2003	1:20 PM	10	2 of 2	4.2	1.6	0.052	0.015
01/28/2003	2:50 PM	85	1 of 2	2.6	0.2	0.038	0.010
01/28/2003	2:50 PM	85	2 of 2	5.4	1.3	0.084	0.000
04/17/2003	11:30 AM	90	1 of 2	8.1	0.6	0.04	0.01
04/17/2003	11:30 AM	90	2 of 2	6.6	1.2	0.03	0.00
08/07/2003	10:00 AM	1	1 of 2	<4	4	<0.02	0.00
08/07/2003	10:00 AM	1	2 of 2	19	13	<0.02	0.01
08/06/2003	3:00 PM	100	1 of 2	11	3	0.10	0.01
08/06/2003	3:00 PM	100	2 of 2	5	1	0.08	0.02

Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)

Station number 390159121171401

10/31/2001	1:00 PM	4	1 of 2	24	1	<0.01	0.01
10/31/2001	1:00 PM	4	2 of 2	25	0	0.02	0.01
02/13/2002	1:00 PM	20	1 of 2	11	1	0.054	0.007
02/13/2002	1:00 PM	20	2 of 2	9.6	0.0	0.038	0.002
04/23/2002	12:10 PM	20	1 of 2	11	4	0.02	0.01
04/23/2002	12:10 PM	20	2 of 2	8.1	0.3	0.02	0.00
08/07/2002	6:50 PM	57	1 of 2	28	8	0.031	0.009
08/07/2002	6:50 PM	57	2 of 2	23	1	0.028	0.004
01/30/2003	3:30 PM	55	1 of 2	12	0	0.038	0.003
01/30/2003	3:30 PM	55	2 of 2	11	0	0.038	0.009
04/17/2003	2:30 PM	55	1 of 2	30	0	0.03	0.00
04/17/2003	2:30 PM	55	2 of 2	28	0	0.04	0.01
08/07/2003	4:00 PM	1	1 of 2	19	1	0.04	0.05
08/07/2003	4:00 PM	1	2 of 2	17	1	<0.02	0.00

Table G3. Concentrations of trace metals and selected major elements in unfiltered water samples, Camp Far West Reservoir, California—*Continued.*

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Avg, average; thalweg, former river channel (low elevation path); ft, feet; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); s.d., standard deviation; <, less than]

Date	Time	Depth (ft)	Replicate	Zinc (U)Zn µg/L (01092)		Zirconium (Zr) µg/L (01162)	
				Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)							
Station number 390331121174101							
08/07/2002	3:40 PM	10	1 of 2	5.4	0.7	0.018	0.010
08/07/2002	3:40 PM	10	2 of 2	4.3	0.7	0.034	0.012
04/17/2003	1:20 PM	80	1 of 2	4.3	0.6	0.03	0.01
04/17/2003	1:20 PM	80	2 of 2	5.4	0.5	0.03	0.01
08/07/2003	1:00 PM	1	1 of 2	<4	2	<0.02	0.01
08/07/2003	1:00 PM	1	2 of 2	19	7	<0.02	0.00
08/07/2003	1:30 PM	40	1 of 2	39	38	<0.02	0.01
08/07/2003	1:30 PM	40	2 of 2	<4	2	<0.02	0.00
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)							
Station number 390148121171701							
10/31/2001	2:15 PM	1	1 of 2	5,222	423	<0.01	0.01
10/31/2001	2:15 PM	1	2 of 2	5,220	259	0.03	0.02
02/13/2002	3:10 PM	10	1 of 2	13	1	0.036	0.010
02/13/2002	3:10 PM	10	2 of 2	11	1	0.041	0.012
02/13/2002	3:30 PM	35	1 of 1	72	1	0.044	0.003
04/24/2002	11:10 AM	30	1 of 2	29	2	0.04	0.01
04/24/2002	11:10 AM	30	2 of 2	32	1	0.04	0.01
08/07/2002	5:00 PM	1	1 of 2	961	110	0.026	0.009
08/07/2002	5:00 PM	1	2 of 2	995	16	0.039	0.002
11/05/2002	2:50 PM	0	1 of 2	2,910	10	0.034	0.003
11/05/2002	2:50 PM	0	2 of 2	2,970	97	0.049	0.020
01/30/2003	12:30 PM	10	1 of 2	11	2	0.058	0.019
01/30/2003	12:30 PM	10	2 of 2	12	1	0.036	0.015
01/30/2003	1:20 PM	38	1 of 2	720	12	0.021	0.013
01/30/2003	1:20 PM	38	2 of 2	729	51	0.084	0.015
04/17/2003	4:00 PM	40	1 of 2	794	38	<0.02	0.01
04/17/2003	4:00 PM	40	2 of 2	753	16	0.02	0.01
08/07/2003	4:30 PM	1	1 of 2	243	23	<0.02	0.01
08/07/2003	4:30 PM	1	2 of 2	261	0	0.03	0.03
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)							
Station number 390152121171001							
10/31/2001	2:40 PM	1	1 of 1	7,720	59	<0.02	0.02
02/13/2002	2:20 PM	52	1 of 2	53	1	0.045	0.002
02/13/2002	2:20 PM	52	2 of 2	53	1	0.048	0.002
04/23/2002	1:10 PM	20	1 of 2	7.5	0.2	0.03	0.01
04/23/2002	1:10 PM	20	2 of 2	11	7	0.03	0.00
11/05/2002	2:00 PM	1	1 of 2	37,000	2,202	0.056	0.002
11/05/2002	2:00 PM	1	2 of 2	37,800	363	0.060	0.000

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California.

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. Thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (feet)	Replicate	Aluminum (Al)		Arsenic (As)		Boron (B)		Barium (Ba)	
				µg/L (01105)		µg/L (01000)		µg/L (01020)		µg/L (01005)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3:00 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	1.3	0.0	0.91	0.03	8	1	21	1
10/30/2001	5:15 PM	10	2 of 2	1.3	0.1	0.92	0.02	8	1	22	0
02/12/2002	12:00 PM	8	1 of 2	7.0	0.4	0.58	0.02	8	1	15	0
02/12/2002	12:00 PM	8	2 of 2	7.0	0.5	0.58	0.02	7	1	16	1
04/22/2002	3:20 PM	10	1 of 2	4.3	0.1	0.49	0.01	5.3	0.1	14	0
04/22/2002	3:20 PM	10	2 of 2	4.4	0.2	0.49	0.01	5.5	0.4	13	0
08/06/2002	4:30 PM	10	1 of 2	2.2	0.2	0.56	0.03	5.3	0.9	11	0
08/06/2002	4:30 PM	10	2 of 2	2.5	0.0	0.57	0.00	5.4	0.8	11	0
04/15/2003	10:30 AM	40	1 of 2	5.7	0.2	0.43	0.02	5.8	0.8	12	0
04/15/2003	10:30 AM	40	2 of 2	5.8	0.2	0.42	0.02	5.5	0.4	12	0
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	1.2	0.1	2.3	0.0	6	0	26	0
11/01/2001	8:30 AM	70	2 of 2	1.3	0.0	2.5	0.0	7	0	28	1
02/12/2002	11:00 AM	140	1 of 2	6.3	0.1	0.51	0.01	5.8	0.4	16	1
02/12/2002	11:00 AM	140	2 of 2	6.5	0.2	0.52	0.00	6.8	0.8	17	0
04/22/2002	3:00 PM	140	1 of 2	6.3	0.2	0.46	0.01	5.6	0.1	15	0
04/22/2002	3:00 PM	140	2 of 2	6.0	0.1	0.48	0.01	5.4	0.2	15	0
08/08/2002	12:00 PM	45	1 of 2	1.6	0.1	0.58	0.01	4.2	0.5	13	0
08/08/2002	12:00 PM	45	2 of 2	1.3	0.1	0.55	0.02	4.3	0.5	13	0
08/08/2002	1:30 PM	113	1 of 2	1.0	0.1	0.41	0.02	4.8	0.1	10	0
08/08/2002	1:30 PM	113	2 of 2	1.0	0.0	0.42	0.01	5.0	0.4	11	0
11/04/2002	3:50 PM	10	1 of 2	0.91	0.00	0.68	0.02	7.4	0.4	25	0
11/04/2002	3:50 PM	10	2 of 2	0.95	0.06	0.64	0.01	6.6	0.2	25	0
11/04/2002	3:20 PM	55	1 of 2	1.6	0.1	0.80	0.03	6.8	0.2	21	1
11/04/2002	3:20 PM	55	2 of 2	2.0	0.1	0.83	0.03	8.0	1.2	20	1
01/29/2003	2:30 PM	10	1 of 2	6.1	0.1	0.53	0.01	6.4	0.0	13	0
01/29/2003	2:30 PM	10	2 of 2	6.0	0.1	0.54	0.02	6.4	0.3	13	0
01/28/2003	4:40 PM	140	1 of 2	4.4	0.0	0.45	0.02	4.5	0.4	12	0
01/28/2003	4:40 PM	140	2 of 2	4.3	0.0	0.45	0.03	4.4	0.2	12	0
04/16/2003	4:00 PM	150	1 of 2	4.1	0.4	0.43	0.01	4.2	0.3	12	0
04/16/2003	4:00 PM	150	2 of 2	4.5	0.0	0.42	0.03	4.3	0.9	12	0
08/05/2003	12:30 PM	1	1 of 2	2.5	0.1	0.53	0.04	4.9	0.1	10	0
08/05/2003	12:30 PM	1	2 of 2	2.4	0.2	0.52	0.01	4.6	0.5	11	0
08/05/2003	1:00 PM	120	1 of 2	0.91	0.21	0.60	0.02	4.7	0.6	11	0
08/05/2003	1:00 PM	120	2 of 2	0.86	0.25	0.61	0.02	4.6	0.4	12	0
08/05/2003	3:30 PM	73	1 of 2	1.4	0.2	0.41	0.02	4.7	0.8	15	0
08/05/2003	3:30 PM	73	2 of 2	1.3	0.2	0.41	0.02	4.0	0.1	15	0

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (feet)	Replicate	Aluminum (Al) µg/L (01105)		Arsenic (As) µg/L (01000)		Boron (B) µg/L (01020)		Barium (Ba) µg/L (01005)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	1.6	0.2	0.98	0.02	9	0	20	0
10/29/2001	4:15 PM	6	2 of 2	1.4	0.1	0.98	0.01	9	0	20	1
02/12/2002	1:30 PM	60	1 of 2	7.9	0.1	0.57	0.02	7	1	16	0
02/12/2002	1:30 PM	60	2 of 2	8.1	0.5	0.58	0.02	7	1	16	0
04/22/2002	1:50 PM	10	1 of 2	5.1	0.1	0.51	0.01	5.3	0.1	14	0
04/22/2002	1:50 PM	10	2 of 2	5.1	0.3	0.51	0.01	5.5	0.1	14	0
04/15/2003	12:40 PM	32	1 of 2	7.5	0.5	0.44	0.03	4.9	0.5	13	0
04/15/2003	12:40 PM	32	2 of 2	7.4	0.2	0.45	0.01	5.0	0.5	12	0
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	1.6	0.1	1.4	0.0	7	1	24	0
10/29/2001	2:45 PM	50	2 of 2	1.5	0.2	1.4	0.0	7	1	23	0
02/13/2002	8:30 AM	120	1 of 2	6.4	0.3	0.51	0.01	6	1	15	0
02/13/2002	8:30 AM	120	2 of 2	6.4	0.4	0.52	0.01	6	2	16	0
04/22/2002	12:20 PM	120	1 of 2	5.6	0.1	0.47	0.01	5.4	0.4	15	0
04/22/2002	12:20 PM	120	2 of 2	5.4	0.0	0.48	0.00	5.4	0.2	15	0
08/07/2002	12:10 PM	10	1 of 2	3.3	0.1	0.62	0.02	5.2	0.2	12	0
08/07/2002	12:10 PM	10	2 of 2	3.1	0.1	0.65	0.00	4.9	0.1	12	0
08/07/2002	12:40 PM	47	1 of 2	1.9	0.1	0.82	0.02	4.3	0.1	14	0
08/07/2002	12:40 PM	47	2 of 2	1.9	0.1	0.80	0.02	4.3	0.3	14	1
08/08/2002	2:50 PM	80	1 of 2	1.5	0.0	0.41	0.01	4.6	0.2	14	0
08/08/2002	2:50 PM	80	2 of 2	1.5	0.1	0.40	0.01	4.4	0.0	14	0
11/05/2002	2:30 PM	10	1 of 2	1.2	0.3	1.3	0.1	9.3	2.6	19	1
11/05/2002	2:30 PM	10	2 of 2	1.1	0.1	1.3	0.0	7.9	0.5	19	1
11/05/2002	2:10 PM	30	1 of 2	1.6	0.2	1.7	0.0	7.7	0.4	22	0
11/05/2002	2:10 PM	30	2 of 2	1.4	0.1	1.6	0.1	8.2	0.8	22	0
01/29/2003	2:00 PM	10	1 of 2	6.7	0.1	0.50	0.02	6.2	0.7	12	0
01/29/2003	2:00 PM	10	2 of 2	6.9	0.0	0.48	0.01	5.6	0.2	12	0
01/28/2003	3:30 PM	120	1 of 2	5.4	0.2	0.44	0.03	4.6	0.4	12	0
01/28/2003	3:30 PM	120	2 of 2	5.0	0.1	0.45	0.02	5.1	1.0	12	0
04/17/2003	10:30 AM	125	1 of 2	3.4	0.1	0.44	0.03	4.4	0.6	13	0
04/17/2003	10:30 AM	125	2 of 2	3.4	0.1	0.45	0.02	4.9	0.1	13	0
08/07/2003	11:30 AM	1	1 of 2	4.1	0.1	0.55	0.02	4.7	0.2	11	0
08/07/2003	11:30 AM	1	2 of 2	3.8	0.2	0.54	0.03	4.8	0.4	11	0
08/07/2003	11:50 AM	100	1 of 2	0.95	0.23	0.45	0.01	4.8	0.3	12	0
08/07/2003	11:50 AM	100	2 of 2	0.85	0.29	0.46	0.01	4.9	0.6	12	0

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (feet)	Replicate	Aluminum (Al) µg/L (01105)		Arsenic (As) µg/L (01000)		Boron (B) µg/L (01020)		Barium (Ba) µg/L (01005)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)											
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	1.8	0.1	2.2	0.0	9	0	22	0
10/31/2001	10:15 AM	12	2 of 2	1.9	0.1	2.1	0.0	9	1	22	0
02/13/2002	9:00 AM	80	1 of 2	4.3	0.1	0.50	0.02	5	1	15	1
02/13/2002	9:00 AM	80	2 of 2	4.1	0.4	0.51	0.01	6	0	15	1
04/22/2002	10:40 AM	80	1 of 2	5.3	0.2	0.51	0.01	5.1	0.2	15	0
04/22/2002	10:40 AM	80	2 of 2	5.6	0.0	0.52	0.01	5.3	0.1	15	0
08/06/2002	5:50 PM	10	1 of 2	2.4	0.1	0.67	0.01	5.3	0.4	13	0
08/06/2002	5:50 PM	10	2 of 2	2.6	0.1	0.66	0.02	4.9	0.0	13	0
08/06/2002	6:20 PM	55	1 of 2	1.1	0.0	2.1	0.0	5.3	1.1	14	0
08/06/2002	6:20 PM	55	2 of 2	1.1	0.1	2.1	0.1	5.9	0.4	15	0
11/05/2002	4:10 PM	7	1 of 2	3.8	0.4	1.8	0.0	7.9	0.2	20	1
11/05/2002	4:10 PM	7	2 of 2	3.3	0.0	1.7	0.1	7.9	0.2	19	0
01/29/2003	1:20 PM	10	1 of 2	5.3	0.1	0.44	0.02	3.7	0.2	12	0
01/29/2003	1:20 PM	10	2 of 2	5.6	0.2	0.43	0.01	4.3	0.7	12	0
01/28/2003	2:50 PM	85	1 of 2	5.1	0.1	0.50	0.01	4.7	0.4	12	0
01/28/2003	2:50 PM	85	2 of 2	5.0	0.0	0.48	0.02	4.5	0.3	12	0
04/17/2003	11:30 AM	90	1 of 2	4.7	0.0	0.50	0.03	5.3	0.4	13	0
04/17/2003	11:30 AM	90	2 of 2	4.6	0.1	0.47	0.00	5.3	0.5	13	0
08/07/2003	10:00 AM	1	1 of 2	4.8	0.1	0.65	0.02	5.0	0.5	13	1
08/07/2003	10:00 AM	1	2 of 2	4.7	0.0	0.66	0.01	5.0	0.1	13	0
08/06/2003	3:00 PM	100	1 of 2	0.81	0.06	0.74	0.03	4.7	0.2	22	1
08/06/2003	3:00 PM	100	2 of 2	0.67	0.15	0.72	0.02	4.5	0.2	22	0
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	7.9	4.6	0.91	0.03	7	0	21	0
10/31/2001	1:00 PM	4	2 of 2	3.6	0.2	0.97	0.04	8	1	22	0
02/13/2002	1:00 PM	20	1 of 2	12	0	0.55	0.02	7	0	16	0
02/13/2002	1:00 PM	20	2 of 2	12	0	0.54	0.01	7	1	16	0
04/23/2002	12:10 PM	20	1 of 2	14	0	0.51	0.02	5.5	0.1	14	0
04/23/2002	12:10 PM	20	2 of 2	13	0	0.50	0.02	5.2	0.2	14	0
08/07/2002	6:50 PM	57	1 of 2	2.8	0.1	1.1	0.0	7.0	0.6	14	0
08/07/2002	6:50 PM	57	2 of 2	2.9	0.2	1.1	0.0	5.8	1.8	15	0
01/30/2003	3:30 PM	55	1 of 2	9.9	0.1	0.41	0.01	5.5	0.8	12	0
01/30/2003	3:30 PM	55	2 of 2	10.0	0.2	0.43	0.02	6.2	1.1	12	0
04/17/2003	2:30 PM	55	1 of 2	18	0	0.44	0.03	4.7	0.3	13	0
04/17/2003	2:30 PM	55	2 of 2	17	0	0.43	0.03	5.7	1.2	13	0
08/07/2003	4:00 PM	1	1 of 2	36	0	0.54	0.01	4.9	0.3	12	0
08/07/2003	4:00 PM	1	2 of 2	36	0	0.55	0.02	5.1	0.3	12	0

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (feet)	Replicate	Aluminum (Al) µg/L (01105)		Arsenic (As) µg/L (01000)		Boron (B) µg/L (01020)		Barium (Ba) µg/L (01005)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	1.9	0.2	0.58	0.00	5.1	0.3	11	0
08/07/2002	3:40 PM	10	2 of 2	1.7	0.1	0.57	0.01	4.8	0.3	11	0
04/17/2003	1:20 PM	80	1 of 2	4.1	0.2	0.47	0.03	4.6	0.2	13	0
04/17/2003	1:20 PM	80	2 of 2	4.1	0.1	0.49	0.02	4.8	0.3	13	0
08/07/2003	1:00 PM	1	1 of 2	1.6	0.2	0.54	0.02	4.6	0.5	10	0
08/07/2003	1:00 PM	1	2 of 2	1.6	0.2	0.53	0.02	4.6	0.4	11	0
08/07/2003	1:30 PM	40	1 of 2	0.43	0.20	0.48	0.03	3.8	0.4	13	0
08/07/2003	1:30 PM	40	2 of 2	0.45	0.20	0.47	0.01	4.0	0.3	13	0
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	30,000	0	0.69	0.01	8	0	32	0
10/31/2001	2:15 PM	1	2 of 2	31,000	1000	0.71	0.01	9	0	33	0
02/13/2002	3:10 PM	10	1 of 2	13	0	0.53	0.02	7.8	2.0	14	0
02/13/2002	3:10 PM	10	2 of 2	14	1	0.53	0.01	6.7	1.1	15	0
02/13/2002	3:30 PM	35	1 of 1	18	1	0.25	0.01	10	5	14	0
04/24/2002	11:10 AM	30	1 of 2	16	0	0.42	0.01	4.3	0.5	17	0
04/24/2002	11:10 AM	30	2 of 2	16	0	0.42	0.01	4.4	0.3	17	0
08/07/2002	5:00 PM	1	1 of 2	3,050	56	0.18	0.02	7.4	0.7	60	1
08/07/2002	5:00 PM	1	2 of 2	3,110	1	0.18	0.01	7.2	0.4	62	0
11/05/2002	2:50 PM	0	1 of 2	19,000	172	0.26	0.01	13	0	36	0
11/05/2002	2:50 PM	0	2 of 2	18,900	83	0.24	0.01	13	1	36	1
01/30/2003	12:30 PM	10	1 of 2	16	0	0.51	0.04	7.3	1.6	13	0
01/30/2003	12:30 PM	10	2 of 2	16	0	0.49	0.02	5.9	0.4	13	0
01/30/2003	1:20 PM	38	1 of 2	2,520	28	0.13	0.01	6.9	0.4	31	0
01/30/2003	1:20 PM	38	2 of 2	2,530	3	0.13	0.01	7.0	0.4	31	0
04/17/2003	4:00 PM	40	1 of 2	4,070	96	0.12	0.01	4.1	0.3	23	0
04/17/2003	4:00 PM	40	2 of 2	3,970	16	0.11	0.01	4.1	0.2	23	0
08/07/2003	4:30 PM	1	1 of 2	5.4	0.2	0.30	0.00	5.5	0.2	52	2
08/07/2003	4:30 PM	1	2 of 2	5.6	0.0	0.31	0.01	5.7	0.3	53	0
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1 of 1	3,300	0	0.68	0.02	11	1	31	1
02/13/2002	2:20 PM	52	1 of 2	20	0	0.32	0.01	6.2	0.1	15	0
02/13/2002	2:20 PM	52	2 of 2	21	0	0.30	0.01	6.5	0.4	15	1
04/23/2002	1:10 PM	20	1 of 2	11	0	0.50	0.01	5.3	0.3	14	0
04/23/2002	1:10 PM	20	2 of 2	11	0	0.50	0.00	5.3	0.3	14	0
11/05/2002	2:00 PM	1	1 of 2	30,100	27	0.31	0.02	13	0	24	0
11/05/2002	2:00 PM	1	2 of 2	30,500	16	0.37	0.06	13	0	25	1

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Beryllium (Be)		Bismuth (Bi)		Calcium (Ca)		Cadmium (Cd)	
				µg/L (01010)		µg/L (01015)		µg/L (00915)		µg/L (01025)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3:00 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	<0.005	0.005	<0.0008	0.0006	13	1	0.0077	0.0059
10/30/2001	5:15 PM	10	2 of 2	0.007	0.000	<0.0008	0.0007	13	0	0.0074	0.0037
02/12/2002	12:00 PM	8	1 of 2	<0.006	0.002	0.0076	0.0095	9.4	0.1	<0.004	0.002
02/12/2002	12:00 PM	8	2 of 2	<0.006	0.001	<0.0009	0.0004	9.2	0.2	<0.004	0.003
04/22/2002	3:20 PM	10	1 of 2	<0.006	0.001	0.002	0.003	7.8	0.0	0.006	0.001
04/22/2002	3:20 PM	10	2 of 2	<0.006	0.002	0.002	0.002	7.9	0.0	0.006	0.001
08/06/2002	4:30 PM	10	1 of 2	<0.008	0.003	<0.002	0.000	7.6	0.1	0.003	0.000
08/06/2002	4:30 PM	10	2 of 2	<0.008	0.004	0.004	0.005	7.6	0.1	0.004	0.001
04/15/2003	10:30 AM	40	1 of 2	<0.007	0.003	0.0024	0.0026	7.1	0.1	0.008	0.002
04/15/2003	10:30 AM	40	2 of 2	<0.007	0.002	0.0028	0.0012	7.1	0.1	0.006	0.000
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	<0.005	0.002	<0.0008	0.0001	11	0	0.012	0.002
11/01/2001	8:30 AM	70	2 of 2	<0.005	0.002	0.0011	0.0017	12	0	0.0099	0.0058
02/12/2002	11:00 AM	140	1 of 2	<0.006	0.001	<0.0009	0.0005	8.5	0.1	<0.004	0.002
02/12/2002	11:00 AM	140	2 of 2	<0.006	0.003	0.0009	0.0005	8.7	0.0	<0.004	0.001
04/22/2002	3:00 PM	140	1 of 2	<0.006	0.002	0.003	0.001	8.1	0.1	0.008	0.003
04/22/2002	3:00 PM	140	2 of 2	<0.006	0.003	0.002	0.002	8.1	0.0	0.011	0.002
08/08/2002	12:00 PM	45	1 of 2	<0.008	0.005	<0.002	0.000	6.7	0.0	0.017	0.001
08/08/2002	12:00 PM	45	2 of 2	<0.008	0.002	<0.002	0.001	6.6	0.1	0.017	0.001
08/08/2002	1:30 PM	113	1 of 2	<0.008	0.007	0.002	0.002	8.2	0.1	0.002	0.001
08/08/2002	1:30 PM	113	2 of 2	<0.008	0.003	<0.002	0.002	8.2	0.0	0.001	0.001
11/04/2002	3:50 PM	10	1 of 2	<0.007	0.000	0.005	0.004	11	0	0.010	0.000
11/04/2002	3:50 PM	10	2 of 2	<0.007	0.005	0.002	0.003	11	0	0.008	0.002
11/04/2002	3:20 PM	55	1 of 2	<0.007	0.005	0.001	0.002	11	0	0.010	0.003
11/04/2002	3:20 PM	55	2 of 2	<0.007	0.006	0.013	0.015	11	0	0.006	0.001
01/29/2003	2:30 PM	10	1 of 2	<0.003	0.001	0.0011	0.0008	7.7	0.1	0.006	0.000
01/29/2003	2:30 PM	10	2 of 2	0.004	0.001	0.0010	0.0013	7.8	0.1	0.006	0.001
01/28/2003	4:40 PM	140	1 of 2	<0.003	0.004	<0.0007	0.0009	6.3	0.0	0.006	0.001
01/28/2003	4:40 PM	140	2 of 2	0.005	0.003	<0.0007	0.0002	6.2	0.0	0.007	0.000
04/16/2003	4:00 PM	150	1 of 2	<0.007	0.003	0.0007	0.0010	6.6	0.1	0.008	0.000
04/16/2003	4:00 PM	150	2 of 2	<0.007	0.002	<0.0005	0.0006	6.7	0.1	0.011	0.000
08/05/2003	12:30 PM	1	1 of 2	<0.004	0.002	<0.0008	0.0002	6.8	0.3	<0.003	0.003
08/05/2003	12:30 PM	1	2 of 2	<0.004	0.003	<0.0008	0.0004	6.9	0.1	<0.003	0.001
08/05/2003	3:30 PM	73	1 of 2	<0.004	0.002	<0.0008	0.0003	6.7	0.1	0.008	0.000
08/05/2003	3:30 PM	73	2 of 2	<0.004	0.001	<0.0008	0.0004	6.5	0.1	0.009	0.001
08/05/2003	1:00 PM	120	1 of 2	<0.004	0.004	<0.0008	0.0004	7.5	0.2	0.018	0.002
08/05/2003	1:00 PM	120	2 of 2	<0.004	0.001	<0.0008	0.0005	7.5	0.3	0.017	0.002

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Beryllium (Be)		Bismuth (Bi)		Calcium (Ca)		Cadmium (Cd)	
				µg/L (01010)		µg/L (01015)		µg/L (00915)		µg/L (01025)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	<0.005	0.002	<0.0008	0.0008	13	0	0.0048	0.0018
10/29/2001	4:15 PM	6	2 of 2	<0.005	0.004	<0.0008	0.0001	12	0	0.0055	0.0012
02/12/2002	1:30 PM	60	1 of 2	<0.006	0.001	0.0021	0.0012	9.2	0.6	<0.004	0.002
02/12/2002	1:30 PM	60	2 of 2	<0.006	0.004	<0.0009	0.0010	9.3	0.2	<0.004	0.004
04/22/2002	1:50 PM	10	1 of 2	<0.006	0.003	<0.001	0.001	7.7	0.0	0.005	0.001
04/22/2002	1:50 PM	10	2 of 2	<0.006	0.005	0.002	0.001	7.7	0.0	0.006	0.003
04/15/2003	12:40 PM	32	1 of 2	<0.007	0.001	0.0008	0.0003	7.1	0.1	0.008	0.002
04/15/2003	12:40 PM	32	2 of 2	<0.007	0.003	0.0020	0.0023	7.0	0.1	0.006	0.001
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	<0.005	0.003	<0.0008	0.0015	13	0	0.022	0.001
10/29/2001	2:45 PM	50	2 of 2	<0.005	0.000	<0.0008	0.0002	12	0	0.031	0.025
02/13/2002	8:30 AM	120	1 of 2	<0.006	0.002	0.0013	0.0016	8.1	0.4	0.056	0.003
02/13/2002	8:30 AM	120	2 of 2	<0.006	0.000	<0.0009	0.0004	7.9	0.6	0.055	0.002
04/22/2002	12:20 PM	120	1 of 2	<0.006	0.001	0.002	0.002	8.0	0.0	0.011	0.001
04/22/2002	12:20 PM	120	2 of 2	<0.006	0.004	<0.001	0.002	8.1	0.1	0.012	0.003
08/07/2002	12:10 PM	10	1 of 2	<0.008	0.003	<0.002	0.000	7.7	0.1	0.004	0.001
08/07/2002	12:10 PM	10	2 of 2	<0.008	0.003	<0.002	0.002	7.8	0.1	0.004	0.000
08/07/2002	12:40 PM	47	1 of 2	<0.008	0.004	<0.002	0.001	7.0	0.0	0.048	0.001
08/07/2002	12:40 PM	47	2 of 2	<0.008	0.002	<0.002	0.000	7.0	0.0	0.048	0.003
08/08/2002	2:50 PM	80	1 of 2	<0.008	0.000	<0.002	0.001	8.1	0.0	0.004	0.000
08/08/2002	2:50 PM	80	2 of 2	<0.008	0.002	<0.002	0.001	8.0	0.0	0.004	0.001
11/05/2002	2:30 PM	10	1 of 2	<0.007	0.001	0.003	0.001	11	0	0.008	0.005
11/05/2002	2:30 PM	10	2 of 2	<0.007	0.002	0.002	0.000	11	0	0.005	0.003
11/05/2002	2:10 PM	30	1 of 2	<0.007	0.003	0.003	0.004	12	0	0.011	0.002
11/05/2002	2:10 PM	30	2 of 2	<0.007	0.002	<0.001	0.002	12	0	0.010	0.001
01/29/2003	2:00 PM	10	1 of 2	<0.003	0.002	<0.0007	0.0002	7.1	0.1	0.006	0.000
01/29/2003	2:00 PM	10	2 of 2	<0.003	0.003	<0.0007	0.0003	7.1	0.1	0.006	0.001
01/28/2003	3:30 PM	120	1 of 2	0.005	0.002	0.0027	0.0009	6.2	0.0	0.008	0.001
01/28/2003	3:30 PM	120	2 of 2	<0.003	0.001	0.0031	0.0000	6.2	0.1	0.007	0.001
04/17/2003	10:30 AM	125	1 of 2	<0.007	0.002	0.0015	0.0014	6.9	0.1	0.012	0.002
04/17/2003	10:30 AM	125	2 of 2	<0.007	0.002	0.0016	0.0021	6.8	0.1	0.010	0.001
08/07/2003	11:30 AM	1	1 of 2	<0.004	0.002	<0.0008	0.0004	6.8	0.1	0.004	0.001
08/07/2003	11:30 AM	1	2 of 2	<0.004	0.001	0.0010	0.0011	6.7	0.1	<0.003	0.001
08/07/2003	11:50 AM	100	1 of 2	0.004	0.003	<0.0008	0.0006	7.7	0.2	0.033	0.001
08/07/2003	11:50 AM	100	2 of 2	<0.004	0.000	0.0011	0.0017	7.8	0.3	0.038	0.003

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Beryllium (Be)		Bismuth (Bi)		Calcium (Ca)		Cadmium (Cd)	
				µg/L (01010)		µg/L (01015)		µg/L (00915)		µg/L (01025)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)											
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	<0.005	0.002	<0.0008	0.0008	13	0	0.0063	0.0021
10/31/2001	10:15 AM	12	2 of 2	<0.005	0.004	<0.0008	0.0016	12	1	0.0076	0.0022
02/13/2002	9:00 AM	80	1 of 2	<0.006	0.002	<0.0009	0.0008	7.3	0.2	<0.004	0.001
02/13/2002	9:00 AM	80	2 of 2	<0.006	0.002	0.0011	0.0013	7.3	0.3	<0.004	0.001
04/22/2002	10:40 AM	80	1 of 2	<0.006	0.000	0.002	0.000	7.3	0.0	0.009	0.001
04/22/2002	10:40 AM	80	2 of 2	<0.006	0.004	0.003	0.001	7.2	0.0	0.010	0.000
08/06/2002	5:50 PM	10	1 of 2	<0.008	0.002	<0.002	0.001	7.9	0.1	0.003	0.001
08/06/2002	5:50 PM	10	2 of 2	<0.008	0.001	0.003	0.002	7.8	0.3	0.003	0.001
08/06/2002	6:20 PM	55	1 of 2	<0.008	0.002	<0.002	0.001	8.0	0.0	0.010	0.001
08/06/2002	6:20 PM	55	2 of 2	<0.008	0.002	<0.002	0.002	7.9	0.1	0.010	0.001
11/05/2002	4:10 PM	7	1 of 2	<0.007	0.004	0.005	0.004	12	0	0.007	0.001
11/05/2002	4:10 PM	7	2 of 2	<0.007	0.001	0.002	0.001	12	0	0.006	0.001
01/29/2003	1:20 PM	10	1 of 2	<0.003	0.004	<0.0007	0.0003	6.1	0.0	0.003	0.001
01/29/2003	1:20 PM	10	2 of 2	<0.003	0.003	<0.0007	0.0003	6.1	0.0	0.005	0.001
01/28/2003	2:50 PM	85	1 of 2	0.005	0.002	0.017	0.000	6.3	0.0	0.008	0.001
01/28/2003	2:50 PM	85	2 of 2	<0.003	0.002	<0.0007	0.0006	6.4	0.1	0.007	0.000
04/17/2003	11:30 AM	90	1 of 2	<0.007	0.001	0.0011	0.0010	6.9	0.1	0.008	0.000
04/17/2003	11:30 AM	90	2 of 2	<0.007	0.002	0.0007	0.0001	7.0	0.2	0.008	0.001
08/07/2003	10:00 AM	1	1 of 2	<0.004	0.001	<0.0008	0.0003	7.4	0.1	0.007	0.001
08/07/2003	10:00 AM	1	2 of 2	<0.004	0.001	0.0016	0.0017	7.2	0.1	0.006	0.002
08/06/2003	3:00 PM	100	1 of 2	<0.004	0.002	0.0010	0.0006	8.0	0.3	0.008	0.001
08/06/2003	3:00 PM	100	2 of 2	<0.004	0.000	<0.0008	0.0005	8.1	0.5	0.007	0.000
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	<0.005	0.001	<0.0008	0.0009	12	0	0.057	0.005
10/31/2001	1:00 PM	4	2 of 2	<0.005	0.008	<0.0008	0.0008	13	0	0.055	0.000
02/13/2002	1:00 PM	20	1 of 2	<0.006	0.002	0.0012	0.0006	8.9	0.4	0.008	0.003
02/13/2002	1:00 PM	20	2 of 2	<0.006	0.002	<0.0009	0.0009	9.1	0.3	0.004	0.002
04/23/2002	12:10 PM	20	1 of 2	<0.006	0.003	0.003	0.002	7.7	0.1	0.008	0.002
04/23/2002	12:10 PM	20	2 of 2	<0.006	0.004	0.003	0.002	7.7	0.0	0.010	0.001
08/07/2002	6:50 PM	57	1 of 2	<0.008	0.004	<0.002	0.001	7.7	0.1	0.068	0.000
08/07/2002	6:50 PM	57	2 of 2	<0.008	0.004	<0.002	0.002	7.6	0.2	0.070	0.003
01/30/2003	3:30 PM	55	1 of 2	<0.003	0.003	0.0016	0.0008	7.0	0.1	0.029	0.002
01/30/2003	3:30 PM	55	2 of 2	0.003	0.003	0.0013	0.0017	7.0	0.1	0.030	0.002
04/17/2003	2:30 PM	55	1 of 2	<0.007	0.000	0.0011	0.0004	7.4	0.2	0.070	0.008
04/17/2003	2:30 PM	55	2 of 2	<0.007	0.002	0.0019	0.0016	7.4	0.1	0.067	0.004
08/07/2003	4:00 PM	1	1 of 2	<0.004	0.003	0.0013	0.0014	7.2	0.2	0.041	0.006
08/07/2003	4:00 PM	1	2 of 2	<0.004	0.000	0.0019	0.0025	7.1	0.2	0.042	0.003

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Beryllium (Be)		Bismuth (Bi)		Calcium (Ca)		Cadmium (Cd)	
				µg/L (01010)		µg/L (01015)		µg/L (00915)		µg/L (01025)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	<0.008	0.000	<0.002	0.001	7.8	0.0	0.003	0.000
08/07/2002	3:40 PM	10	2 of 2	<0.008	0.004	0.002	0.001	7.7	0.1	0.002	0.001
04/17/2003	1:20 PM	80	1 of 2	<0.007	0.001	<0.0005	0.0005	7.1	0.1	0.007	0.002
04/17/2003	1:20 PM	80	2 of 2	<0.007	0.003	0.0007	0.0007	7.2	0.1	0.007	0.001
08/07/2003	1:00 PM	1	1 of 2	<0.004	0.002	<0.0008	0.0002	6.8	0.1	<0.003	0.000
08/07/2003	1:00 PM	1	2 of 2	<0.004	0.001	<0.0008	0.0003	6.9	0.3	<0.003	0.002
08/07/2003	1:30 PM	40	1 of 2	<0.004	0.000	<0.0008	0.0009	6.2	0.3	0.013	0.003
08/07/2003	1:30 PM	40	2 of 2	<0.004	0.001	<0.0008	0.0000	6.0	0.3	0.011	0.000
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	0.41	0.05	0.0012	0.0004	34	0	16	0
10/31/2001	2:15 PM	1	2 of 2	0.43	0.01	0.0014	0.0004	35	1	17	0
02/13/2002	3:10 PM	10	1 of 2	<0.006	0.004	<0.0009	0.0009	9.5	0.2	0.015	0.002
02/13/2002	3:10 PM	10	2 of 2	<0.006	0.004	0.0017	0.0014	9.4	0.0	0.013	0.001
02/13/2002	3:30 PM	35	1 of 1	<0.006	0.001	0.0032	0.0017	8.9	0.0	0.21	0.00
04/24/2002	11:10 AM	30	1 of 2	<0.006	0.005	0.003	0.003	7.0	0.0	0.095	0.001
04/24/2002	11:10 AM	30	2 of 2	<0.006	0.003	0.001	0.001	7.0	0.1	0.094	0.004
08/07/2002	5:00 PM	1	1 of 2	0.076	0.002	<0.002	0.001	13	0	3.9	0.0
08/07/2002	5:00 PM	1	2 of 2	0.092	0.005	<0.002	0.000	13	0	4.0	0.0
11/05/2002	2:50 PM	0	1 of 2	0.35	0.02	0.011	0.014	25	0	9.0	0.2
11/05/2002	2:50 PM	0	2 of 2	0.34	0.04	0.001	0.002	25	0	9.0	0.0
01/30/2003	12:30 PM	10	1 of 2	<0.003	0.003	0.0010	0.0005	7.4	0.0	0.024	0.001
01/30/2003	12:30 PM	10	2 of 2	<0.003	0.001	0.0018	0.0008	7.4	0.0	0.025	0.001
01/30/2003	1:20 PM	38	1 of 2	0.062	0.003	<0.0007	0.0000	11	0	2.8	0.0
01/30/2003	1:20 PM	38	2 of 2	0.066	0.002	<0.0007	0.0004	11	0	2.8	0.0
04/17/2003	4:00 PM	40	1 of 2	0.085	0.005	0.0012	0.0008	10	0	2.9	0.0
04/17/2003	4:00 PM	40	2 of 2	0.077	0.001	0.0005	0.0002	10	0	2.8	0.0
08/07/2003	4:30 PM	1	1 of 2	0.015	0.001	0.0008	0.0006	8.0	0.2	1.1	0.0
08/07/2003	4:30 PM	1	2 of 2	0.012	0.002	<0.0008	0.0009	8.0	0.3	1.1	0.0
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1 of 1	0.12	0.00	<0.0008	0.0006	41	0	32	0
02/13/2002	2:20 PM	52	1 of 2	<0.006	0.004	0.0028	0.0035	9.1	0.1	0.19	0.00
02/13/2002	2:20 PM	52	2 of 2	<0.006	0.003	0.0016	0.0027	8.8	0.0	0.18	0.00
04/23/2002	1:10 PM	20	1 of 2	<0.006	0.004	0.002	0.003	7.6	0.0	0.012	0.002
04/23/2002	1:10 PM	20	2 of 2	<0.006	0.004	0.002	0.001	7.7	0.1	0.011	0.001
11/05/2002	2:00 PM	1	1 of 2	0.80	0.04	0.005	0.006	114	0	132	3
11/05/2002	2:00 PM	1	2 of 2	0.82	0.04	0.003	0.001	115	0	137	3

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Cerium (Ce)		Cobalt (Co)		Chromium (Cr)		Cesium (Cs)	
				µg/L (01110)		µg/L (01035)		µg/L (01030)		µg/L (01115)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3:00 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	0.0048	0.0018	<0.003	0.001	<0.2	0.1	<0.009	0.002
10/30/2001	5:15 PM	10	2 of 2	0.0040	0.0004	<0.003	0.001	<0.2	0.1	<0.009	0.003
02/12/2002	12:00 PM	8	1 of 2	0.022	0.001	0.030	0.001	0.13	0.03	<0.003	0.000
02/12/2002	12:00 PM	8	2 of 2	0.023	0.001	0.031	0.000	0.14	0.04	<0.003	0.001
04/22/2002	3:20 PM	10	1 of 2	0.017	0.000	0.027	0.001	0.12	0.01	<0.009	0.004
04/22/2002	3:20 PM	10	2 of 2	0.017	0.000	0.026	0.002	0.11	0.03	<0.009	0.001
08/06/2002	4:30 PM	10	1 of 2	0.0038	0.0003	0.014	0.003	<0.2	0.1	<0.007	0.003
08/06/2002	4:30 PM	10	2 of 2	0.0037	0.0003	0.011	0.000	<0.2	0.1	<0.007	0.003
04/15/2003	10:30 AM	40	1 of 2	0.018	0.001	0.070	0.006	0.39	0.09	<0.008	0.001
04/15/2003	10:30 AM	40	2 of 2	0.019	0.001	0.068	0.002	0.41	0.10	<0.008	0.000
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	0.046	0.002	1.6	0.0	<0.2	0.1	<0.009	0.003
11/01/2001	8:30 AM	70	2 of 2	0.050	0.000	1.8	0.0	<0.2	0.1	<0.009	0.004
02/12/2002	11:00 AM	140	1 of 2	0.024	0.001	0.073	0.004	1.3	0.0	<0.003	0.002
02/12/2002	11:00 AM	140	2 of 2	0.026	0.001	0.073	0.001	1.4	0.1	<0.003	0.001
04/22/2002	3:00 PM	140	1 of 2	0.027	0.000	0.025	0.001	0.13	0.03	<0.009	0.003
04/22/2002	3:00 PM	140	2 of 2	0.028	0.001	0.025	0.000	0.10	0.02	<0.009	0.003
08/08/2002	12:00 PM	45	1 of 2	0.014	0.002	0.014	0.002	<0.2	0.1	<0.007	0.001
08/08/2002	12:00 PM	45	2 of 2	0.013	0.001	0.013	0.000	<0.2	0.1	<0.007	0.007
08/08/2002	1:30 PM	113	1 of 2	0.0034	0.0004	0.017	0.003	<0.2	0.0	<0.007	0.003
08/08/2002	1:30 PM	113	2 of 2	0.0035	0.0001	0.019	0.002	<0.2	0.0	<0.007	0.001
11/04/2002	3:50 PM	10	1 of 2	0.022	0.000	0.44	0.00	<0.4	0.1	0.007	0.002
11/04/2002	3:50 PM	10	2 of 2	0.022	0.001	0.44	0.00	<0.4	0.1	<0.006	0.001
11/04/2002	3:20 PM	55	1 of 2	0.015	0.001	0.065	0.006	<0.4	0.0	<0.006	0.001
11/04/2002	3:20 PM	55	2 of 2	0.015	0.001	0.064	0.004	<0.4	0.0	<0.006	0.004
01/29/2003	2:30 PM	10	1 of 2	0.032	0.000	0.026	0.002	<0.1	0.0	<0.004	0.000
01/29/2003	2:30 PM	10	2 of 2	0.034	0.001	0.027	0.002	<0.1	0.0	<0.004	0.001
01/28/2003	4:40 PM	140	1 of 2	0.036	0.001	0.018	0.001	<0.1	0.0	<0.004	0.001
01/28/2003	4:40 PM	140	2 of 2	0.036	0.001	0.019	0.000	<0.1	0.1	0.005	0.003
04/16/2003	4:00 PM	150	1 of 2	0.017	0.001	0.019	0.001	<0.1	0.0	<0.008	0.003
04/16/2003	4:00 PM	150	2 of 2	0.018	0.002	0.017	0.002	<0.1	0.1	<0.008	0.004
08/05/2003	12:30 PM	1	1 of 2	0.0026	0.0003	0.013	0.004	0.22	0.01	<0.002	0.001
08/05/2003	12:30 PM	1	2 of 2	0.0026	0.0003	0.014	0.002	<0.1	0.1	<0.002	0.000
08/05/2003	3:30 PM	73	1 of 2	0.013	0.001	0.021	0.005	<0.1	0.1	<0.002	0.001
08/05/2003	3:30 PM	73	2 of 2	0.013	0.000	0.021	0.002	<0.1	0.1	<0.002	0.000
08/05/2003	1:00 PM	120	1 of 2	0.0094	0.0002	0.073	0.000	<0.1	0.0	<0.002	0.001
08/05/2003	1:00 PM	120	2 of 2	0.0091	0.0005	0.075	0.002	<0.1	0.0	<0.002	0.001

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Cerium (Ce)		Cobalt (Co)		Chromium (Cr)		Cesium (Cs)	
				µg/L (01110)		µg/L (01035)		µg/L (01030)		µg/L (01115)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	0.0044	0.0006	<0.003	0.003	<0.2	0.2	<0.009	0.004
10/29/2001	4:15 PM	6	2 of 2	0.0042	0.0009	<0.003	0.017	<0.2	0.1	<0.009	0.003
02/12/2002	1:30 PM	60	1 of 2	0.023	0.000	0.038	0.004	0.34	0.02	<0.003	0.002
02/12/2002	1:30 PM	60	2 of 2	0.023	0.002	0.037	0.007	0.36	0.02	0.004	0.004
04/22/2002	1:50 PM	10	1 of 2	0.018	0.001	0.025	0.002	0.07	0.02	<0.009	0.003
04/22/2002	1:50 PM	10	2 of 2	0.017	0.000	0.025	0.002	0.11	0.02	<0.009	0.004
04/15/2003	12:40 PM	32	1 of 2	0.016	0.001	0.028	0.000	<0.1	0.0	<0.008	0.001
04/15/2003	12:40 PM	32	2 of 2	0.016	0.001	0.025	0.001	<0.1	0.1	<0.008	0.002
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	0.041	0.002	0.17	0.01	0.4	0.1	<0.009	0.002
10/29/2001	2:45 PM	50	2 of 2	0.039	0.000	0.16	0.01	0.4	0.0	<0.009	0.002
02/13/2002	8:30 AM	120	1 of 2	0.025	0.000	0.036	0.004	0.27	0.05	<0.003	0.004
02/13/2002	8:30 AM	120	2 of 2	0.025	0.001	0.035	0.000	0.26	0.08	<0.003	0.001
04/22/2002	12:20 PM	120	1 of 2	0.030	0.001	0.026	0.002	0.11	0.03	<0.009	0.002
04/22/2002	12:20 PM	120	2 of 2	0.029	0.001	0.024	0.002	0.12	0.03	<0.009	0.003
08/07/2002	12:10 PM	10	1 of 2	0.0046	0.0003	0.012	0.001	<0.2	0.1	<0.007	0.004
08/07/2002	12:10 PM	10	2 of 2	0.0042	0.0005	0.011	0.000	<0.2	0.1	<0.007	0.001
08/07/2002	12:40 PM	47	1 of 2	0.010	0.000	0.020	0.003	<0.2	0.1	<0.007	0.001
08/07/2002	12:40 PM	47	2 of 2	0.011	0.000	0.019	0.001	<0.2	0.1	<0.007	0.000
08/08/2002	2:50 PM	80	1 of 2	0.0097	0.0003	0.019	0.001	<0.2	0.0	<0.007	0.004
08/08/2002	2:50 PM	80	2 of 2	0.010	0.001	0.022	0.001	<0.2	0.1	<0.007	0.004
11/05/2002	2:30 PM	10	1 of 2	0.015	0.001	0.048	0.004	<0.4	0.0	<0.006	0.009
11/05/2002	2:30 PM	10	2 of 2	0.016	0.001	0.047	0.004	<0.4	0.1	<0.006	0.005
11/05/2002	2:10 PM	30	1 of 2	0.026	0.000	0.17	0.01	<0.4	0.1	<0.006	0.001
11/05/2002	2:10 PM	30	2 of 2	0.025	0.001	0.17	0.00	<0.4	0.1	<0.006	0.003
01/29/2003	2:00 PM	10	1 of 2	0.033	0.000	0.023	0.001	<0.1	0.0	<0.004	0.002
01/29/2003	2:00 PM	10	2 of 2	0.032	0.001	0.024	0.002	<0.1	0.0	<0.004	0.002
01/28/2003	3:30 PM	120	1 of 2	0.033	0.001	0.020	0.001	<0.1	0.0	<0.004	0.001
01/28/2003	3:30 PM	120	2 of 2	0.033	0.001	0.018	0.003	<0.1	0.0	<0.004	0.002
04/17/2003	10:30 AM	125	1 of 2	0.018	0.000	0.022	0.001	<0.1	0.1	<0.008	0.002
04/17/2003	10:30 AM	125	2 of 2	0.019	0.000	0.022	0.001	<0.1	0.0	<0.008	0.003
08/07/2003	11:30 AM	1	1 of 2	0.0041	0.0002	0.009	0.004	<0.1	0.1	<0.002	0.001
08/07/2003	11:30 AM	1	2 of 2	0.0040	0.0004	0.011	0.000	0.10	0.07	<0.002	0.000
08/07/2003	11:50 AM	100	1 of 2	0.0098	0.0005	0.071	0.002	<0.1	0.1	<0.002	0.001
08/07/2003	11:50 AM	100	2 of 2	0.0100	0.0004	0.073	0.003	<0.1	0.1	<0.002	0.000

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Cerium (Ce)		Cobalt (Co)		Chromium (Cr)		Cesium (Cs)	
				µg/L (01110)		µg/L (01035)		µg/L (01030)		µg/L (01115)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)											
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	0.021	0.001	0.096	0.005	<0.2	0.1	<0.009	0.003
10/31/2001	10:15 AM	12	2 of 2	0.021	0.001	0.097	0.006	<0.2	0.1	<0.009	0.003
02/13/2002	9:00 AM	80	1 of 2	0.028	0.001	0.059	0.001	<0.08	0.02	0.005	0.000
02/13/2002	9:00 AM	80	2 of 2	0.027	0.000	0.054	0.001	0.12	0.02	<0.003	0.001
04/22/2002	10:40 AM	80	1 of 2	0.029	0.000	0.033	0.002	0.18	0.02	<0.009	0.001
04/22/2002	10:40 AM	80	2 of 2	0.029	0.001	0.034	0.001	0.16	0.04	<0.009	0.004
08/06/2002	5:50 PM	10	1 of 2	0.0062	0.0002	0.011	0.003	<0.2	0.0	<0.007	0.001
08/06/2002	5:50 PM	10	2 of 2	0.0072	0.0003	0.011	0.001	<0.2	0.1	<0.007	0.002
08/06/2002	6:20 PM	55	1 of 2	0.020	0.001	0.67	0.00	<0.2	0.1	<0.007	0.002
08/06/2002	6:20 PM	55	2 of 2	0.021	0.001	0.66	0.01	<0.2	0.1	<0.007	0.002
11/05/2002	4:10 PM	7	1 of 2	0.021	0.001	0.057	0.002	<0.4	0.2	<0.006	0.008
11/05/2002	4:10 PM	7	2 of 2	0.018	0.000	0.060	0.000	<0.4	0.1	<0.006	0.002
01/29/2003	1:20 PM	10	1 of 2	0.038	0.000	0.017	0.000	<0.1	0.0	<0.004	0.001
01/29/2003	1:20 PM	10	2 of 2	0.040	0.002	0.016	0.001	<0.1	0.0	<0.004	0.002
01/28/2003	2:50 PM	85	1 of 2	0.033	0.001	0.026	0.003	0.2	0.0	<0.004	0.001
01/28/2003	2:50 PM	85	2 of 2	0.033	0.000	0.026	0.003	0.2	0.0	<0.004	0.002
04/17/2003	11:30 AM	90	1 of 2	0.038	0.001	0.026	0.003	<0.1	0.0	<0.008	0.003
04/17/2003	11:30 AM	90	2 of 2	0.038	0.000	0.025	0.003	<0.1	0.1	<0.008	0.002
08/07/2003	10:00 AM	1	1 of 2	0.0051	0.0001	0.011	0.000	<0.1	0.0	<0.002	0.001
08/07/2003	10:00 AM	1	2 of 2	0.0052	0.0005	0.013	0.003	<0.1	0.0	<0.002	0.001
08/06/2003	3:00 PM	100	1 of 2	0.028	0.001	1.5	0.0	<0.1	0.1	<0.002	0.000
08/06/2003	3:00 PM	100	2 of 2	0.027	0.001	1.5	0.0	<0.1	0.1	<0.002	0.001
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	0.013	0.002	0.17	0.02	<0.2	0.1	<0.009	0.002
10/31/2001	1:00 PM	4	2 of 2	0.011	0.000	0.17	0.01	<0.2	0.2	<0.009	0.004
02/13/2002	1:00 PM	20	1 of 2	0.029	0.001	0.034	0.002	0.14	0.01	<0.003	0.004
02/13/2002	1:00 PM	20	2 of 2	0.028	0.001	0.034	0.001	0.11	0.02	<0.003	0.001
04/23/2002	12:10 PM	20	1 of 2	0.019	0.000	0.027	0.001	0.14	0.03	<0.009	0.003
04/23/2002	12:10 PM	20	2 of 2	0.019	0.001	0.026	0.001	0.13	0.02	<0.009	0.006
08/07/2002	6:50 PM	57	1 of 2	0.021	0.001	0.060	0.003	<0.2	0.1	<0.007	0.004
08/07/2002	6:50 PM	57	2 of 2	0.021	0.000	0.062	0.003	<0.2	0.0	<0.007	0.003
01/30/2003	3:30 PM	55	1 of 2	0.040	0.000	0.045	0.004	0.1	0.0	<0.004	0.003
01/30/2003	3:30 PM	55	2 of 2	0.040	0.001	0.044	0.001	<0.1	0.0	<0.004	0.003
04/17/2003	2:30 PM	55	1 of 2	0.039	0.001	0.20	0.00	<0.1	0.1	<0.008	0.003
04/17/2003	2:30 PM	55	2 of 2	0.041	0.001	0.20	0.01	<0.1	0.0	<0.008	0.002
08/07/2003	4:00 PM	1	1 of 2	0.010	0.001	0.013	0.002	<0.1	0.0	<0.002	0.000
08/07/2003	4:00 PM	1	2 of 2	0.0098	0.0008	0.011	0.001	<0.1	0.0	<0.002	0.001

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Cerium (Ce) µg/L (01110)		Cobalt (Co) µg/L (01035)		Chromium (Cr) µg/L (01030)		Cesium (Cs) µg/L (01115)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	0.0040	0.0004	0.012	0.002	<0.2	0.2	<0.007	0.002
08/07/2002	3:40 PM	10	2 of 2	0.0040	0.0004	0.010	0.002	<0.2	0.1	<0.007	0.004
04/17/2003	1:20 PM	80	1 of 2	0.019	0.001	0.021	0.003	<0.1	0.0	<0.008	0.001
04/17/2003	1:20 PM	80	2 of 2	0.020	0.001	0.020	0.001	<0.1	0.1	<0.008	0.004
08/07/2003	1:00 PM	1	1 of 2	0.0044	0.0002	0.009	0.003	0.10	0.07	<0.002	0.001
08/07/2003	1:00 PM	1	2 of 2	0.0038	0.0003	0.010	0.002	<0.1	0.0	<0.002	0.000
08/07/2003	1:30 PM	40	1 of 2	0.0079	0.0007	0.014	0.001	<0.1	0.0	<0.002	0.000
08/07/2003	1:30 PM	40	2 of 2	0.0075	0.0001	0.014	0.001	<0.1	0.0	<0.002	0.001
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	25	0	110	0	11	0	0.063	0.003
10/31/2001	2:15 PM	1	2 of 2	26	0	120	0	11	0	0.070	0.005
02/13/2002	3:10 PM	10	1 of 2	0.028	0.001	0.036	0.001	0.13	0.04	<0.003	0.002
02/13/2002	3:10 PM	10	2 of 2	0.028	0.001	0.038	0.001	0.12	0.02	<0.003	0.001
02/13/2002	3:30 PM	35	1 of 1	0.065	0.001	1.0	0.0	0.11	0.03	0.004	0.001
04/24/2002	11:10 AM	30	1 of 2	0.039	0.000	0.35	0.00	0.06	0.02	<0.009	0.001
04/24/2002	11:10 AM	30	2 of 2	0.039	0.000	0.36	0.00	0.05	0.03	<0.009	0.001
08/07/2002	5:00 PM	1	1 of 2	2.8	0.0	21	1	<0.2	0.1	<0.007	0.003
08/07/2002	5:00 PM	1	2 of 2	2.9	0.0	21	0	<0.2	0.1	<0.007	0.005
11/05/2002	2:50 PM	0	1 of 2	14	0	66	2	4.0	0.1	0.042	0.002
11/05/2002	2:50 PM	0	2 of 2	14	0	66	3	3.9	0.1	0.040	0.001
01/30/2003	12:30 PM	10	1 of 2	0.032	0.001	0.029	0.002	<0.1	0.0	<0.004	0.001
01/30/2003	12:30 PM	10	2 of 2	0.032	0.001	0.029	0.002	<0.1	0.0	<0.004	0.005
01/30/2003	1:20 PM	38	1 of 2	2.1	0.0	11	0	0.4	0.0	<0.004	0.002
01/30/2003	1:20 PM	38	2 of 2	2.0	0.0	11	0	0.5	0.0	<0.004	0.003
04/17/2003	4:00 PM	40	1 of 2	3.3	0.0	14	0	0.23	0.09	<0.008	0.001
04/17/2003	4:00 PM	40	2 of 2	3.4	0.0	14	1	0.21	0.10	<0.008	0.002
08/07/2003	4:30 PM	1	1 of 2	0.085	0.001	4.4	0.1	<0.1	0.1	<0.002	0.000
08/07/2003	4:30 PM	1	2 of 2	0.089	0.000	4.4	0.2	<0.1	0.0	<0.002	0.001
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1 of 1	10	0	120	0	0.8	0.2	0.017	0.005
02/13/2002	2:20 PM	52	1 of 2	0.072	0.003	0.85	0.00	0.10	0.02	<0.003	0.002
02/13/2002	2:20 PM	52	2 of 2	0.068	0.001	0.85	0.01	0.13	0.04	<0.003	0.001
04/23/2002	1:10 PM	20	1 of 2	0.019	0.000	0.027	0.001	0.16	0.05	<0.009	0.003
04/23/2002	1:10 PM	20	2 of 2	0.019	0.001	0.028	0.002	0.07	0.04	<0.009	0.002
11/05/2002	2:00 PM	1	1 of 2	39	1	473	3	2.0	0.2	0.018	0.004
11/05/2002	2:00 PM	1	2 of 2	40	1	482	19	2.2	0.1	0.019	0.005

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Copper (Cu) µg/L (01040)		Dysprosium (Dy) µg/L (82331)		Erbium (Er) µg/L (50573)		Europium (Eu) µg/L (50574)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3:00 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	1.4	0.0	0.0018	0.0004	0.0021	0.0002	0.0020	0.0012
10/30/2001	5:15 PM	10	2 of 2	1.5	0.0	0.0017	0.0003	0.0019	0.0006	0.0017	0.0006
02/12/2002	12:00 PM	8	1 of 2	2.8	0.0	0.0090	0.0007	0.0053	0.0002	0.0020	0.0010
02/12/2002	12:00 PM	8	2 of 2	2.8	0.0	0.0099	0.0007	0.0057	0.0001	0.0023	0.0001
04/22/2002	3:20 PM	10	1 of 2	1.9	0.0	0.0050	0.0006	0.0032	0.0000	0.0012	0.0006
04/22/2002	3:20 PM	10	2 of 2	1.9	0.0	0.0048	0.0001	0.0036	0.0005	0.0008	0.0003
08/06/2002	4:30 PM	10	1 of 2	1.6	0.0	0.0013	0.0003	0.0007	0.0002	0.0006	0.0002
08/06/2002	4:30 PM	10	2 of 2	1.7	0.1	0.0016	0.0003	0.0010	0.0005	<0.0002	0.0002
04/15/2003	10:30 AM	40	1 of 2	2.1	0.0	0.0061	0.0017	0.0044	0.0001	0.0009	0.0002
04/15/2003	10:30 AM	40	2 of 2	2.2	0.0	0.0058	0.0006	0.0044	0.0006	0.0007	0.0002
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	0.89	0.09	0.0078	0.0005	0.0059	0.0005	0.0037	0.0015
11/01/2001	8:30 AM	70	2 of 2	0.59	0.02	0.0086	0.0006	0.0069	0.0004	0.0043	0.0006
02/12/2002	11:00 AM	140	1 of 2	1.9	0.1	0.0093	0.0001	0.0068	0.0002	0.0019	0.0005
02/12/2002	11:00 AM	140	2 of 2	2.0	0.0	0.011	0.000	0.0061	0.0003	0.0018	0.0005
04/22/2002	3:00 PM	140	1 of 2	1.8	0.0	0.0095	0.0006	0.0063	0.0002	0.0026	0.0003
04/22/2002	3:00 PM	140	2 of 2	1.7	0.0	0.010	0.001	0.0074	0.0012	0.0027	0.0009
08/08/2002	12:00 PM	45	1 of 2	2.0	0.1	0.0041	0.0004	0.0022	0.0006	0.0005	0.0002
08/08/2002	12:00 PM	45	2 of 2	2.0	0.1	0.0036	0.0006	0.0028	0.0007	0.0016	0.0001
08/08/2002	1:30 PM	113	1 of 2	1.4	0.0	0.0036	0.0002	0.0034	0.0005	0.0010	0.0001
08/08/2002	1:30 PM	113	2 of 2	1.6	0.0	0.0040	0.0007	0.0028	0.0009	0.0008	0.0003
11/04/2002	3:50 PM	10	1 of 2	1.0	0.0	0.0039	0.0001	0.004	0.001	0.0010	0.0007
11/04/2002	3:50 PM	10	2 of 2	1.0	0.0	0.0044	0.0003	0.003	0.000	0.0020	0.0021
11/04/2002	3:20 PM	55	1 of 2	1.5	0.0	0.0033	0.0000	0.002	0.000	0.0013	0.0007
11/04/2002	3:20 PM	55	2 of 2	1.4	0.0	0.0032	0.0007	0.003	0.000	0.0017	0.0014
01/29/2003	2:30 PM	10	1 of 2	2.2	0.0	0.013	0.000	0.0093	0.0007	0.0034	0.0002
01/29/2003	2:30 PM	10	2 of 2	2.2	0.0	0.013	0.001	0.0099	0.0007	0.0031	0.0002
01/28/2003	4:40 PM	140	1 of 2	1.1	0.0	0.011	0.000	0.0080	0.0007	0.0026	0.0004
01/28/2003	4:40 PM	140	2 of 2	1.0	0.0	0.011	0.001	0.0076	0.0005	0.0027	0.0003
04/16/2003	4:00 PM	150	1 of 2	1.5	0.0	0.0086	0.0013	0.0050	0.0008	0.0013	0.0001
04/16/2003	4:00 PM	150	2 of 2	1.4	0.0	0.0069	0.0011	0.0052	0.0004	0.0017	0.0004
08/05/2003	12:30 PM	1	1 of 2	1.3	0.0	0.0016	0.0002	0.0009	0.0003	<0.0002	0.0007
08/05/2003	12:30 PM	1	2 of 2	1.3	0.0	0.0018	0.0006	0.0012	0.0003	<0.0002	0.0003
08/05/2003	3:30 PM	73	1 of 2	1.3	0.0	0.0046	0.0007	0.0045	0.0005	0.0015	0.0002
08/05/2003	3:30 PM	73	2 of 2	1.4	0.0	0.0054	0.0007	0.0048	0.0003	0.0016	0.0001
08/05/2003	1:00 PM	120	1 of 2	1.6	0.0	0.0047	0.0003	0.0045	0.0001	0.0008	0.0002
08/05/2003	1:00 PM	120	2 of 2	1.2	0.0	0.0055	0.0000	0.0042	0.0004	0.0008	0.0004

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Copper (Cu)		Dysprosium (Dy)		Erbium (Er)		Europium (Eu)	
				µg/L (01040)		µg/L (82331)		µg/L (50573)		µg/L (50574)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	1.4	0.1	0.0017	0.0002	0.0021	0.0003	0.0022	0.0010
10/29/2001	4:15 PM	6	2 of 2	1.4	0.0	0.0018	0.0004	0.0019	0.0004	0.0018	0.0009
02/12/2002	1:30 PM	60	1 of 2	2.9	0.0	0.0081	0.0004	0.0058	0.0003	0.0027	0.0001
02/12/2002	1:30 PM	60	2 of 2	3.0	0.2	0.0093	0.0000	0.0054	0.0003	0.0019	0.0004
04/22/2002	1:50 PM	10	1 of 2	1.9	0.0	0.0052	0.0006	0.0035	0.0006	0.0010	0.0002
04/22/2002	1:50 PM	10	2 of 2	2.0	0.0	0.0048	0.0006	0.0037	0.0012	0.0011	0.0005
04/15/2003	12:40 PM	32	1 of 2	2.3	0.0	0.0057	0.0007	0.0043	0.0003	0.0011	0.0006
04/15/2003	12:40 PM	32	2 of 2	2.4	0.0	0.0061	0.0010	0.0041	0.0003	0.0011	0.0004
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	1.2	0.0	0.0073	0.0032	0.0047	0.0020	0.0030	0.0014
10/29/2001	2:45 PM	50	2 of 2	1.4	0.0	0.0047	0.0002	0.0033	0.0008	0.0033	0.0026
02/13/2002	8:30 AM	120	1 of 2	2.2	0.1	0.0096	0.0004	0.0071	0.0003	0.0022	0.0010
02/13/2002	8:30 AM	120	2 of 2	2.2	0.0	0.0095	0.0006	0.0068	0.0001	0.0013	0.0002
04/22/2002	12:20 PM	120	1 of 2	1.9	0.0	0.0099	0.0003	0.0066	0.0010	0.0031	0.0005
04/22/2002	12:20 PM	120	2 of 2	2.0	0.0	0.010	0.002	0.0072	0.0006	0.0023	0.0002
08/07/2002	12:10 PM	10	1 of 2	1.9	0.0	0.0018	0.0004	0.0009	0.0003	0.0004	0.0004
08/07/2002	12:10 PM	10	2 of 2	2.0	0.1	0.0015	0.0005	0.0010	0.0006	0.0006	0.0002
08/07/2002	12:40 PM	47	1 of 2	2.7	0.2	0.0031	0.0003	0.0028	0.0008	<0.0002	0.0004
08/07/2002	12:40 PM	47	2 of 2	2.4	0.1	0.0039	0.0010	0.0020	0.0002	0.0008	0.0003
08/08/2002	2:50 PM	80	1 of 2	2.0	0.0	0.0045	0.0002	0.0038	0.0004	0.0008	0.0002
08/08/2002	2:50 PM	80	2 of 2	1.7	0.1	0.0050	0.0014	0.0035	0.0002	0.0010	0.0006
11/05/2002	2:30 PM	10	1 of 2	1.4	0.2	0.0025	0.0001	0.003	0.000	0.0004	0.0001
11/05/2002	2:30 PM	10	2 of 2	1.4	0.1	0.0030	0.0003	0.002	0.000	0.0011	0.0005
11/05/2002	2:10 PM	30	1 of 2	1.4	0.1	0.0046	0.0003	0.003	0.001	0.0016	0.0006
11/05/2002	2:10 PM	30	2 of 2	1.4	0.1	0.0037	0.0008	0.003	0.001	0.0016	0.0003
01/29/2003	2:00 PM	10	1 of 2	1.8	0.0	0.012	0.001	0.0077	0.0004	0.0025	0.0005
01/29/2003	2:00 PM	10	2 of 2	1.9	0.0	0.012	0.000	0.0078	0.0011	0.0031	0.0007
01/28/2003	3:30 PM	120	1 of 2	1.1	0.0	0.011	0.001	0.0074	0.0012	0.0026	0.0003
01/28/2003	3:30 PM	120	2 of 2	1.1	0.0	0.010	0.001	0.0083	0.0010	0.0025	0.0004
04/17/2003	10:30 AM	125	1 of 2	1.4	0.0	0.0072	0.0006	0.0053	0.0010	0.0019	0.0001
04/17/2003	10:30 AM	125	2 of 2	1.4	0.0	0.0067	0.0008	0.0058	0.0001	0.0018	0.0002
08/07/2003	11:30 AM	1	1 of 2	1.7	0.1	0.0012	0.0005	<0.0007	0.0004	<0.0002	0.0005
08/07/2003	11:30 AM	1	2 of 2	1.7	0.0	0.0015	0.0002	0.0013	0.0004	<0.0002	0.0004
08/07/2003	11:50 AM	100	1 of 2	1.4	0.0	0.0049	0.0005	0.0034	0.0005	0.0008	0.0002
08/07/2003	11:50 AM	100	2 of 2	1.4	0.0	0.0046	0.0005	0.0037	0.0005	0.0011	0.0001

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Copper (Cu) µg/L (01040)		Dysprosium (Dy) µg/L (82331)		Erbium (Er) µg/L (50573)		Europium (Eu) µg/L (50574)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)											
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	1.3	0.0	0.0036	0.0003	0.0024	0.0005	0.0021	0.0012
10/31/2001	10:15 AM	12	2 of 2	1.3	0.1	0.0033	0.0002	0.0027	0.0007	0.0027	0.0012
02/13/2002	9:00 AM	80	1 of 2	0.80	0.00	0.0082	0.0009	0.0048	0.0001	0.0023	0.0003
02/13/2002	9:00 AM	80	2 of 2	0.83	0.02	0.0089	0.0001	0.0040	0.0002	0.0022	0.0002
04/22/2002	10:40 AM	80	1 of 2	1.6	0.0	0.0079	0.0005	0.0067	0.0013	0.0027	0.0003
04/22/2002	10:40 AM	80	2 of 2	1.7	0.0	0.0088	0.0009	0.0068	0.0006	0.0022	0.0000
08/06/2002	5:50 PM	10	1 of 2	1.9	0.0	0.0017	0.0001	0.0008	0.0001	0.0004	0.0005
08/06/2002	5:50 PM	10	2 of 2	2.0	0.1	0.0017	0.0003	0.0011	0.0007	0.0010	0.0001
08/06/2002	6:20 PM	55	1 of 2	1.4	0.1	0.0039	0.0004	0.0022	0.0000	0.0007	0.0001
08/06/2002	6:20 PM	55	2 of 2	1.4	0.1	0.0036	0.0002	0.0029	0.0005	0.0007	0.0005
11/05/2002	4:10 PM	7	1 of 2	1.4	0.0	0.0038	0.0001	0.003	0.001	0.0010	0.0011
11/05/2002	4:10 PM	7	2 of 2	1.3	0.1	0.0039	0.0010	0.003	0.000	0.0010	0.0002
01/29/2003	1:20 PM	10	1 of 2	0.70	0.01	0.011	0.001	0.0075	0.0006	0.0026	0.0005
01/29/2003	1:20 PM	10	2 of 2	0.73	0.02	0.010	0.001	0.0072	0.0010	0.0030	0.0003
01/28/2003	2:50 PM	85	1 of 2	1.1	0.0	0.011	0.000	0.0077	0.0007	0.0028	0.0003
01/28/2003	2:50 PM	85	2 of 2	1.1	0.0	0.010	0.001	0.0071	0.0000	0.0026	0.0007
04/17/2003	11:30 AM	90	1 of 2	1.4	0.0	0.0097	0.0007	0.0064	0.0004	0.0033	0.0005
04/17/2003	11:30 AM	90	2 of 2	1.3	0.0	0.0100	0.0009	0.0066	0.0015	0.0021	0.0003
08/07/2003	10:00 AM	1	1 of 2	2.0	0.0	0.0021	0.0002	0.0017	0.0004	<0.0002	0.0001
08/07/2003	10:00 AM	1	2 of 2	2.0	0.1	0.0019	0.0002	0.0012	0.0002	0.0004	0.0004
08/06/2003	3:00 PM	100	1 of 2	0.95	0.04	0.0059	0.0006	0.0035	0.0003	0.0017	0.0003
08/06/2003	3:00 PM	100	2 of 2	0.88	0.04	0.0061	0.0000	0.0034	0.0003	0.0012	0.0001
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	2.5	0.3	0.0025	0.0012	0.0028	0.0002	0.0022	0.0021
10/31/2001	1:00 PM	4	2 of 2	2.3	0.0	0.0028	0.0013	0.0031	0.0010	0.0020	0.0014
02/13/2002	1:00 PM	20	1 of 2	4.1	0.0	0.010	0.001	0.0091	0.0000	0.0021	0.0008
02/13/2002	1:00 PM	20	2 of 2	4.2	0.0	0.011	0.001	0.0078	0.0005	0.0025	0.0009
04/23/2002	12:10 PM	20	1 of 2	2.8	0.1	0.0044	0.0003	0.0038	0.0009	0.0006	0.0002
04/23/2002	12:10 PM	20	2 of 2	2.8	0.0	0.0051	0.0010	0.0043	0.0003	0.0012	0.0013
08/07/2002	6:50 PM	57	1 of 2	3.1	0.0	0.0055	0.0002	0.0034	0.0007	0.0014	0.0007
08/07/2002	6:50 PM	57	2 of 2	3.1	0.1	0.0045	0.0000	0.0041	0.0005	0.0007	0.0001
01/30/2003	3:30 PM	55	1 of 2	3.5	0.0	0.014	0.001	0.0098	0.0010	0.0033	0.0005
01/30/2003	3:30 PM	55	2 of 2	3.7	0.0	0.014	0.001	0.010	0.001	0.0036	0.0002
04/17/2003	2:30 PM	55	1 of 2	6.0	0.2	0.013	0.001	0.0084	0.0003	0.0034	0.0007
04/17/2003	2:30 PM	55	2 of 2	6.0	0.1	0.014	0.000	0.0081	0.0005	0.0023	0.0001
08/07/2003	4:00 PM	1	1 of 2	4.5	0.0	0.0033	0.0003	0.0023	0.0007	0.0003	0.0004
08/07/2003	4:00 PM	1	2 of 2	4.6	0.1	0.0032	0.0003	0.0022	0.0004	0.0009	0.0003

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Copper (Cu)		Dysprosium (Dy)		Erbium (Er)		Europium (Eu)	
				µg/L (01040)		µg/L (82331)		µg/L (50573)		µg/L (50574)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	1.9	0.1	0.0018	0.0002	0.0011	0.0002	0.0003	0.0000
08/07/2002	3:40 PM	10	2 of 2	1.7	0.1	0.0015	0.0006	0.0013	0.0004	0.0006	0.0001
04/17/2003	1:20 PM	80	1 of 2	1.5	0.0	0.0091	0.0009	0.0055	0.0006	0.0023	0.0004
04/17/2003	1:20 PM	80	2 of 2	1.6	0.0	0.0074	0.0015	0.0056	0.0003	0.0017	0.0004
08/07/2003	1:00 PM	1	1 of 2	1.4	0.0	0.0016	0.0001	0.0011	0.0003	0.0004	0.0002
08/07/2003	1:00 PM	1	2 of 2	1.4	0.1	0.0016	0.0001	0.0009	0.0002	<0.0002	0.0002
08/07/2003	1:30 PM	40	1 of 2	1.4	0.0	0.0036	0.0014	0.0024	0.0001	0.0007	0.0003
08/07/2003	1:30 PM	40	2 of 2	1.3	0.0	0.0031	0.0006	0.0024	0.0004	0.0006	0.0002
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	1,300	0	5.4	0.0	3.2	0.0	1.4	0.0
10/31/2001	2:15 PM	1	2 of 2	1,400	0	5.7	0.0	3.3	0.1	1.4	0.0
02/13/2002	3:10 PM	10	1 of 2	5.1	0.1	0.011	0.001	0.0083	0.0000	0.0029	0.0002
02/13/2002	3:10 PM	10	2 of 2	5.2	0.0	0.011	0.002	0.0072	0.0000	0.0028	0.0002
02/13/2002	3:30 PM	35	1 of 1	17	0	0.016	0.001	0.012	0.000	0.0042	0.0001
04/24/2002	11:10 AM	30	1 of 2	5.9	0.0	0.0095	0.0004	0.0068	0.0013	0.0028	0.0003
04/24/2002	11:10 AM	30	2 of 2	5.8	0.0	0.011	0.002	0.0081	0.0008	0.0023	0.0006
08/07/2002	5:00 PM	1	1 of 2	288	2	0.69	0.01	0.43	0.01	0.15	0.00
08/07/2002	5:00 PM	1	2 of 2	294	11	0.71	0.01	0.42	0.00	0.15	0.00
11/05/2002	2:50 PM	0	1 of 2	844	20	3.4	0.1	2.0	0.0	0.82	0.02
11/05/2002	2:50 PM	0	2 of 2	838	42	3.4	0.1	2.0	0.0	0.82	0.00
01/30/2003	12:30 PM	10	1 of 2	3.7	0.2	0.012	0.001	0.0085	0.0000	0.0025	0.0007
01/30/2003	12:30 PM	10	2 of 2	3.7	0.2	0.012	0.001	0.0090	0.0003	0.0024	0.0005
01/30/2003	1:20 PM	38	1 of 2	319	6	0.57	0.02	0.36	0.01	0.12	0.00
01/30/2003	1:20 PM	38	2 of 2	321	6	0.56	0.00	0.37	0.02	0.13	0.00
04/17/2003	4:00 PM	40	1 of 2	369	2	0.90	0.00	0.53	0.00	0.20	0.00
04/17/2003	4:00 PM	40	2 of 2	371	0	0.91	0.01	0.55	0.00	0.20	0.01
08/07/2003	4:30 PM	1	1 of 2	47	0	0.019	0.001	0.014	0.002	0.0031	0.0001
08/07/2003	4:30 PM	1	2 of 2	47	1	0.019	0.002	0.013	0.000	0.0035	0.0004
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1 of 1	1,200	0	2.4	0.0	1.4	0.1	0.50	0.01
02/13/2002	2:20 PM	52	1 of 2	16	0	0.018	0.000	0.014	0.000	0.0044	0.0001
02/13/2002	2:20 PM	52	2 of 2	16	0	0.018	0.000	0.013	0.001	0.0043	0.0004
04/23/2002	1:10 PM	20	1 of 2	2.8	0.1	0.0047	0.0009	0.0033	0.0007	0.0014	0.0003
04/23/2002	1:10 PM	20	2 of 2	2.7	0.0	0.0051	0.0010	0.0040	0.0004	0.0009	0.0005
11/05/2002	2:00 PM	1	1 of 2	4,760	88	14	0	8.8	0.1	2.8	0.1
11/05/2002	2:00 PM	1	2 of 2	4,740	56	15	1	9.1	0.2	2.8	0.1

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. —Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Iron (Fe)		Gadolinium (Gd)		Holmium (Ho)		Potassium (K)	
				µg/L (01046)		µg/L (50575)		µg/L (50577)		mg/L (00935)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3:00 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	2.9	1.0	0.0015	0.0003	0.0006	0.0002	0.76	0.03
10/30/2001	5:15 PM	10	2 of 2	2.3	0.2	0.0017	0.0004	0.0005	0.0001	0.76	0.05
02/12/2002	12:00 PM	8	1 of 2	27	1	0.0096	0.0011	0.0020	0.0001	0.77	0.01
02/12/2002	12:00 PM	8	2 of 2	25	2	0.0096	0.0009	0.0023	0.0001	0.75	0.03
04/22/2002	3:20 PM	10	1 of 2	22	0	0.0056	0.0002	0.0012	0.0001	0.68	0.01
04/22/2002	3:20 PM	10	2 of 2	22	0	0.0051	0.0011	0.0011	0.0002	0.67	0.00
08/06/2002	4:30 PM	10	1 of 2	3.8	1.4	0.0016	0.0006	0.0004	0.0002	0.62	0.01
08/06/2002	4:30 PM	10	2 of 2	4.3	1.5	0.0014	0.0005	0.0003	0.0001	0.62	0.01
04/15/2003	10:30 AM	40	1 of 2	19	0	0.0062	0.0005	0.0013	0.0000	0.64	0.02
04/15/2003	10:30 AM	40	2 of 2	19	0	0.0063	0.0011	0.0015	0.0002	0.66	0.02
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	6.5	4.5	0.0091	0.0004	0.0020	0.0001	0.84	0.01
11/01/2001	8:30 AM	70	2 of 2	4.5	0.8	0.011	0.000	0.0022	0.0000	0.92	0.02
02/12/2002	11:00 AM	140	1 of 2	34	1	0.0086	0.0006	0.0021	0.0001	0.65	0.01
02/12/2002	11:00 AM	140	2 of 2	36	2	0.0090	0.0001	0.0020	0.0000	0.67	0.01
04/22/2002	3:00 PM	140	1 of 2	30	1	0.012	0.001	0.0022	0.0002	0.73	0.01
04/22/2002	3:00 PM	140	2 of 2	28	0	0.011	0.001	0.0023	0.0003	0.74	0.00
08/08/2002	12:00 PM	45	1 of 2	6.8	2.4	0.0042	0.0007	0.0008	0.0001	0.54	0.02
08/08/2002	12:00 PM	45	2 of 2	6.4	1.5	0.0037	0.0005	0.0008	0.0001	0.52	0.02
08/08/2002	1:30 PM	113	1 of 2	4.0	0.9	0.0048	0.0001	0.0009	0.0001	0.67	0.02
08/08/2002	1:30 PM	113	2 of 2	4.6	1.3	0.0044	0.0002	0.0008	0.0001	0.67	0.01
11/04/2002	3:50 PM	10	1 of 2	28	1	0.0051	0.0003	0.0012	0.0000	0.79	0.01
11/04/2002	3:50 PM	10	2 of 2	29	1	0.0051	0.0006	0.0010	0.0001	0.76	0.02
11/04/2002	3:20 PM	55	1 of 2	22	1	0.0043	0.0003	0.0007	0.0000	0.75	0.04
11/04/2002	3:20 PM	55	2 of 2	23	1	0.0032	0.0002	0.0007	0.0001	0.73	0.08
01/29/2003	2:30 PM	10	1 of 2	28	0	0.014	0.000	0.0029	0.0002	0.88	0.02
01/29/2003	2:30 PM	10	2 of 2	28	0	0.014	0.000	0.0031	0.0002	0.90	0.00
01/28/2003	4:40 PM	140	1 of 2	23	0	0.012	0.001	0.0026	0.0002	0.62	0.01
01/28/2003	4:40 PM	140	2 of 2	22	0	0.012	0.001	0.0025	0.0000	0.62	0.00
04/16/2003	4:00 PM	150	1 of 2	14	1	0.0068	0.0003	0.0018	0.0002	0.58	0.04
04/16/2003	4:00 PM	150	2 of 2	13	0	0.0089	0.0016	0.0016	0.0001	0.61	0.01
08/05/2003	12:30 PM	1	1 of 2	2.8	0.2	0.0015	0.0006	<0.0001	0.0001	0.62	0.04
08/05/2003	12:30 PM	1	2 of 2	3.0	0.3	0.0012	0.0002	0.0002	0.0000	0.60	0.01
08/05/2003	3:30 PM	73	1 of 2	7.9	0.1	0.0052	0.0000	0.0011	0.0000	0.61	0.03
08/05/2003	3:30 PM	73	2 of 2	7.7	0.2	0.0046	0.0000	0.0010	0.0001	0.61	0.03
08/05/2003	1:00 PM	120	1 of 2	10	0	0.0053	0.0013	0.0012	0.0001	0.65	0.02
08/05/2003	1:00 PM	120	2 of 2	9.3	0.7	0.0050	0.0002	0.0014	0.0000	0.66	0.03

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. —Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Iron (Fe)		Gadolinium (Gd)		Holmium (Ho)		Potassium (K)	
				µg/L (01046)		µg/L (50575)		µg/L (50577)		mg/L (00935)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	6.0	1.8	0.0018	0.0001	0.0005	0.0000	0.85	0.00
10/29/2001	4:15 PM	6	2 of 2	4.6	0.2	0.0014	0.0002	0.0005	0.0001	0.82	0.02
02/12/2002	1:30 PM	60	1 of 2	38	13	0.0095	0.0007	0.0021	0.0003	0.75	0.04
02/12/2002	1:30 PM	60	2 of 2	29	1	0.0094	0.0006	0.0021	0.0002	0.77	0.00
04/22/2002	1:50 PM	10	1 of 2	22	1	0.0053	0.0007	0.0013	0.0001	0.68	0.01
04/22/2002	1:50 PM	10	2 of 2	21	1	0.0048	0.0004	0.0011	0.0002	0.68	0.01
04/15/2003	12:40 PM	32	1 of 2	17	0	0.0056	0.0008	0.0011	0.0001	0.65	0.05
04/15/2003	12:40 PM	32	2 of 2	16	1	0.0061	0.0010	0.0016	0.0003	0.66	0.02
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	93	2	0.0062	0.0007	0.0013	0.0001	0.73	0.00
10/29/2001	2:45 PM	50	2 of 2	83	0	0.0058	0.0002	0.0013	0.0001	0.69	0.04
02/13/2002	8:30 AM	120	1 of 2	26	0	0.010	0.000	0.0021	0.0002	0.64	0.01
02/13/2002	8:30 AM	120	2 of 2	28	2	0.0096	0.0003	0.0022	0.0002	0.64	0.03
04/22/2002	12:20 PM	120	1 of 2	28	0	0.010	0.000	0.0023	0.0002	0.71	0.02
04/22/2002	12:20 PM	120	2 of 2	26	0	0.011	0.001	0.0022	0.0002	0.72	0.01
08/07/2002	12:10 PM	10	1 of 2	5.3	0.6	0.0020	0.0005	0.0003	0.0001	0.61	0.03
08/07/2002	12:10 PM	10	2 of 2	5.3	0.4	0.0014	0.0003	0.0004	0.0001	0.61	0.03
08/07/2002	12:40 PM	47	1 of 2	6.2	0.3	0.0032	0.0010	0.0009	0.0001	0.55	0.03
08/07/2002	12:40 PM	47	2 of 2	6.5	0.5	0.0042	0.0005	0.0008	0.0001	0.55	0.02
08/08/2002	2:50 PM	80	1 of 2	6.8	1.9	0.0040	0.0005	0.0010	0.0003	0.65	0.04
08/08/2002	2:50 PM	80	2 of 2	6.2	0.4	0.0042	0.0004	0.0010	0.0001	0.65	0.03
11/05/2002	2:30 PM	10	1 of 2	32	1	0.0036	0.0000	0.0006	0.0001	0.79	0.07
11/05/2002	2:30 PM	10	2 of 2	30	1	0.0037	0.0006	0.0007	0.0002	0.76	0.00
11/05/2002	2:10 PM	30	1 of 2	50	0	0.0052	0.0011	0.0011	0.0001	0.81	0.08
11/05/2002	2:10 PM	30	2 of 2	52	2	0.0042	0.0001	0.0008	0.0001	0.81	0.07
01/29/2003	2:00 PM	10	1 of 2	28	2	0.011	0.001	0.0024	0.0001	0.75	0.01
01/29/2003	2:00 PM	10	2 of 2	28	1	0.012	0.001	0.0025	0.0001	0.76	0.00
01/28/2003	3:30 PM	120	1 of 2	26	0	0.011	0.001	0.0026	0.0001	0.64	0.00
01/28/2003	3:30 PM	120	2 of 2	23	1	0.011	0.001	0.0025	0.0001	0.63	0.01
04/17/2003	10:30 AM	125	1 of 2	14	0	0.0072	0.0004	0.0015	0.0004	0.59	0.03
04/17/2003	10:30 AM	125	2 of 2	15	1	0.0079	0.0008	0.0016	0.0002	0.59	0.03
08/07/2003	11:30 AM	1	1 of 2	3.6	0.3	0.0015	0.0001	0.0003	0.0001	0.60	0.03
08/07/2003	11:30 AM	1	2 of 2	3.9	0.6	0.0013	0.0002	0.0002	0.0001	0.60	0.01
08/07/2003	11:50 AM	100	1 of 2	6.1	0.2	0.0042	0.0000	0.0011	0.0001	0.65	0.01
08/07/2003	11:50 AM	100	2 of 2	6.6	0.3	0.0042	0.0008	0.0010	0.0002	0.68	0.04

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. —Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Iron (Fe)		Gadolinium (Gd)		Holmium (Ho)		Potassium (K)	
				µg/L (01046)		µg/L (50575)		µg/L (50577)		mg/L (00935)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)											
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	71	1	0.0037	0.0003	0.0008	0.0001	0.82	0.01
10/31/2001	10:15 AM	12	2 of 2	66	5	0.0036	0.0005	0.0008	0.0001	0.75	0.08
02/13/2002	9:00 AM	80	1 of 2	32	2	0.0080	0.0017	0.0016	0.0000	0.51	0.00
02/13/2002	9:00 AM	80	2 of 2	32	1	0.0084	0.0002	0.0020	0.0001	0.51	0.01
04/22/2002	10:40 AM	80	1 of 2	33	0	0.0097	0.0006	0.0020	0.0001	0.64	0.01
04/22/2002	10:40 AM	80	2 of 2	33	0	0.0087	0.0003	0.0020	0.0003	0.65	0.01
08/06/2002	5:50 PM	10	1 of 2	9.4	3.9	0.0020	0.0001	0.0005	0.0001	0.60	0.02
08/06/2002	5:50 PM	10	2 of 2	8.8	2.3	0.0016	0.0005	0.0005	0.0001	0.61	0.01
08/06/2002	6:20 PM	55	1 of 2	90	2	0.0046	0.0006	0.0009	0.0000	0.58	0.02
08/06/2002	6:20 PM	55	2 of 2	87	1	0.0045	0.0002	0.0008	0.0001	0.58	0.04
11/05/2002	4:10 PM	7	1 of 2	54	1	0.0043	0.0001	0.0010	0.0000	1.0	0.0
11/05/2002	4:10 PM	7	2 of 2	46	1	0.0034	0.0013	0.0008	0.0000	0.99	0.05
01/29/2003	1:20 PM	10	1 of 2	26	1	0.011	0.001	0.0024	0.0001	0.56	0.01
01/29/2003	1:20 PM	10	2 of 2	26	0	0.012	0.001	0.0027	0.0001	0.56	0.00
01/28/2003	2:50 PM	85	1 of 2	29	1	0.012	0.001	0.0026	0.0001	0.63	0.01
01/28/2003	2:50 PM	85	2 of 2	28	1	0.012	0.001	0.0026	0.0001	0.63	0.01
04/17/2003	11:30 AM	90	1 of 2	21	1	0.011	0.001	0.0024	0.0001	0.64	0.00
04/17/2003	11:30 AM	90	2 of 2	21	0	0.0096	0.0006	0.0022	0.0002	0.64	0.01
08/07/2003	10:00 AM	1	1 of 2	7.3	0.3	0.0017	0.0001	0.0003	0.0000	0.57	0.01
08/07/2003	10:00 AM	1	2 of 2	7.4	0.2	0.0014	0.0003	0.0004	0.0000	0.59	0.02
08/06/2003	3:00 PM	100	1 of 2	23	1	0.0057	0.0005	0.0012	0.0001	0.59	0.04
08/06/2003	3:00 PM	100	2 of 2	22	1	0.0061	0.0007	0.0014	0.0001	0.56	0.00

Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)

Station number 390159121171401

10/31/2001	1:00 PM	4	1 of 2	17	0	0.0029	0.0006	0.0014	0.0008	0.78	0.03
10/31/2001	1:00 PM	4	2 of 2	14	0	0.0026	0.0002	0.0006	0.0000	0.79	0.01
02/13/2002	1:00 PM	20	1 of 2	28	2	0.012	0.000	0.0023	0.0000	0.73	0.03
02/13/2002	1:00 PM	20	2 of 2	29	1	0.010	0.001	0.0025	0.0001	0.74	0.02
04/23/2002	12:10 PM	20	1 of 2	26	0	0.0056	0.0009	0.0010	0.0000	0.67	0.01
04/23/2002	12:10 PM	20	2 of 2	26	0	0.0059	0.0007	0.0013	0.0004	0.67	0.01
08/07/2002	6:50 PM	57	1 of 2	13	1	0.0059	0.0002	0.0013	0.0001	0.57	0.03
08/07/2002	6:50 PM	57	2 of 2	14	1	0.0059	0.0009	0.0011	0.0001	0.57	0.04
01/30/2003	3:30 PM	55	1 of 2	32	1	0.014	0.001	0.0029	0.0002	0.69	0.01
01/30/2003	3:30 PM	55	2 of 2	32	1	0.015	0.000	0.0030	0.0004	0.71	0.02
04/17/2003	2:30 PM	55	1 of 2	28	0	0.013	0.000	0.0029	0.0002	0.60	0.02
04/17/2003	2:30 PM	55	2 of 2	29	0	0.013	0.000	0.0026	0.0001	0.59	0.02
08/07/2003	4:00 PM	1	1 of 2	21	0	0.0029	0.0002	0.0006	0.0001	0.58	0.01
08/07/2003	4:00 PM	1	2 of 2	20	1	0.0030	0.0005	0.0009	0.0001	0.60	0.03

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. —Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Iron (Fe) µg/L (01046)		Gadolinium (Gd) µg/L (50575)		Holmium (Ho) µg/L (50577)		Potassium (K) mg/L (00935)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	5.5	0.4	0.0019	0.0002	0.0004	0.0001	0.61	0.03
08/07/2002	3:40 PM	10	2 of 2	6.0	0.6	0.0015	0.0002	0.0004	0.0002	0.60	0.03
04/17/2003	1:20 PM	80	1 of 2	16	0	0.0084	0.0013	0.0016	0.0001	0.62	0.00
04/17/2003	1:20 PM	80	2 of 2	17	0	0.0077	0.0014	0.0017	0.0004	0.63	0.02
08/07/2003	1:00 PM	1	1 of 2	4.1	0.2	0.0013	0.0006	0.0003	0.0001	0.61	0.01
08/07/2003	1:00 PM	1	2 of 2	4.8	0.6	0.0015	0.0001	0.0002	0.0001	0.59	0.01
08/07/2003	1:30 PM	40	1 of 2	3.4	0.2	0.0032	0.0003	0.0009	0.0002	0.57	0.01
08/07/2003	1:30 PM	40	2 of 2	3.4	0.1	0.0036	0.0001	0.0007	0.0001	0.59	0.00
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	29,000	0	4.9	0.0	1.1	0.0	5.7	0.0
10/31/2001	2:15 PM	1	2 of 2	30,000	1,000	5.0	0.0	1.2	0.0	5.9	0.3
02/13/2002	3:10 PM	10	1 of 2	38	2	0.011	0.001	0.0023	0.0002	0.78	0.03
02/13/2002	3:10 PM	10	2 of 2	39	1	0.011	0.001	0.0028	0.0001	0.76	0.01
02/13/2002	3:30 PM	35	1 of 1	26	1	0.016	0.001	0.0037	0.0002	0.73	0.00
04/24/2002	11:10 AM	30	1 of 2	27	0	0.0095	0.0011	0.0022	0.0002	0.62	0.01
04/24/2002	11:10 AM	30	2 of 2	28	1	0.013	0.001	0.0024	0.0003	0.62	0.01
08/07/2002	5:00 PM	1	1 of 2	520	2	0.59	0.00	0.15	0.00	1.5	0.1
08/07/2002	5:00 PM	1	2 of 2	520	1	0.59	0.01	0.15	0.00	1.4	0.0
11/05/2002	2:50 PM	0	1 of 2	8,170	27	3.0	0.1	0.71	0.00	4.3	0.1
11/05/2002	2:50 PM	0	2 of 2	8,120	86	3.0	0.2	0.72	0.01	4.3	0.3
01/30/2003	12:30 PM	10	1 of 2	29	1	0.012	0.000	0.0026	0.0001	0.80	0.01
01/30/2003	12:30 PM	10	2 of 2	28	1	0.011	0.001	0.0026	0.0001	0.82	0.03
01/30/2003	1:20 PM	38	1 of 2	40	0	0.49	0.01	0.12	0.00	1.2	0.0
01/30/2003	1:20 PM	38	2 of 2	40	1	0.49	0.00	0.12	0.00	1.2	0.0
04/17/2003	4:00 PM	40	1 of 2	88	0	0.77	0.00	0.19	0.00	1.0	0.0
04/17/2003	4:00 PM	40	2 of 2	87	1	0.79	0.00	0.19	0.01	1.0	0.0
08/07/2003	4:30 PM	1	1 of 2	7.2	0.9	0.015	0.000	0.0045	0.0000	1.0	0.0
08/07/2003	4:30 PM	1	2 of 2	6.7	0.3	0.019	0.000	0.0047	0.0002	0.97	0.02
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1 of 1	3,500	0	2.1	0.0	0.53	0.01	2.1	0.0
02/13/2002	2:20 PM	52	1 of 2	69	2	0.019	0.002	0.0039	0.0001	0.69	0.01
02/13/2002	2:20 PM	52	2 of 2	73	3	0.020	0.000	0.0043	0.0001	0.69	0.02
04/23/2002	1:10 PM	20	1 of 2	26	0	0.0055	0.0006	0.0011	0.0003	0.67	0.01
04/23/2002	1:10 PM	20	2 of 2	26	1	0.0045	0.0001	0.0012	0.0002	0.67	0.01
11/05/2002	2:00 PM	1	1 of 2	924	12	11	0	3.1	0.1	3.0	0.0
11/05/2002	2:00 PM	1	2 of 2	919	2	12	0	3.2	0.1	3.0	0.1

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Lanthanum (La) µg/L (01180)		Lithium (Li) µg/L (01130)		Lutetium (Lu) µg/L (62844)		Magnesium (Mg) mg/L (00925)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
				Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3:00 mile north of dam abutment)							
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	0.0041	0.0003	0.10	0.01	0.0006	0.0001	5.8	0.1
10/30/2001	5:15 PM	10	2 of 2	0.0037	0.0001	0.10	0.01	0.0005	0.0000	5.7	0.1
02/12/2002	12:00 PM	8	1 of 2	0.017	0.001	0.20	0.01	0.0012	0.0001	4.3	0.1
02/12/2002	12:00 PM	8	2 of 2	0.019	0.001	0.20	0.03	0.0012	0.0001	4.2	0.2
04/22/2002	3:20 PM	10	1 of 2	0.011	0.000	0.27	0.02	0.0004	0.0001	3.5	0.0
04/22/2002	3:20 PM	10	2 of 2	0.010	0.000	0.27	0.03	0.0006	0.0001	3.5	0.0
08/06/2002	4:30 PM	10	1 of 2	0.0032	0.0002	0.23	0.02	0.0002	0.0001	3.3	0.1
08/06/2002	4:30 PM	10	2 of 2	0.0036	0.0005	0.19	0.03	0.0002	0.0001	3.3	0.0
04/15/2003	10:30 AM	40	1 of 2	0.012	0.000	0.20	0.01	0.0007	0.0000	2.9	0.0
04/15/2003	10:30 AM	40	2 of 2	0.012	0.001	0.22	0.01	0.0008	0.0002	3.0	0.0
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	0.019	0.001	0.16	0.01	0.0012	0.0001	4.8	0.2
11/01/2001	8:30 AM	70	2 of 2	0.020	0.000	0.14	0.01	0.0013	0.0000	5.2	0.2
02/12/2002	11:00 AM	140	1 of 2	0.020	0.001	0.24	0.03	0.0010	0.0002	3.6	0.0
02/12/2002	11:00 AM	140	2 of 2	0.021	0.000	0.23	0.03	0.0013	0.0001	3.6	0.0
04/22/2002	3:00 PM	140	1 of 2	0.022	0.001	0.26	0.01	0.0011	0.0001	3.5	0.0
04/22/2002	3:00 PM	140	2 of 2	0.023	0.001	0.27	0.02	0.0010	0.0002	3.5	0.0
08/08/2002	12:00 PM	45	1 of 2	0.0085	0.0010	0.23	0.04	0.0005	0.0000	2.8	0.0
08/08/2002	12:00 PM	45	2 of 2	0.0082	0.0006	0.22	0.01	0.0006	0.0001	2.8	0.1
08/08/2002	1:30 PM	113	1 of 2	0.0066	0.0009	0.20	0.03	0.0008	0.0001	3.5	0.0
08/08/2002	1:30 PM	113	2 of 2	0.0062	0.0001	0.26	0.03	0.0006	0.0001	3.5	0.0
11/04/2002	3:50 PM	10	1 of 2	0.011	0.000	0.13	0.01	0.0005	0.0003	4.8	0.0
11/04/2002	3:50 PM	10	2 of 2	0.011	0.000	0.12	0.00	0.0007	0.0002	4.8	0.0
11/04/2002	3:20 PM	55	1 of 2	0.0081	0.0008	0.10	0.00	0.0005	0.0000	5.0	0.0
11/04/2002	3:20 PM	55	2 of 2	0.0081	0.0001	0.11	0.01	0.0007	0.0002	5.0	0.1
01/29/2003	2:30 PM	10	1 of 2	0.027	0.000	0.19	0.00	0.0014	0.0001	3.3	0.0
01/29/2003	2:30 PM	10	2 of 2	0.027	0.000	0.20	0.00	0.0014	0.0000	3.4	0.0
01/28/2003	4:40 PM	140	1 of 2	0.026	0.000	0.23	0.01	0.0011	0.0002	2.5	0.0
01/28/2003	4:40 PM	140	2 of 2	0.026	0.001	0.23	0.01	0.0011	0.0002	2.5	0.0
04/16/2003	4:00 PM	150	1 of 2	0.015	0.000	0.22	0.00	0.0011	0.0002	2.6	0.0
04/16/2003	4:00 PM	150	2 of 2	0.016	0.000	0.20	0.01	0.0009	0.0001	2.7	0.1
08/05/2003	12:30 PM	1	1 of 2	0.0025	0.0005	0.23	0.01	0.0002	0.0001	3.0	0.1
08/05/2003	12:30 PM	1	2 of 2	0.0024	0.0000	0.22	0.02	0.0002	0.0001	3.0	0.0
08/05/2003	3:30 PM	73	1 of 2	0.0089	0.0011	0.26	0.01	0.0008	0.0002	2.8	0.1
08/05/2003	3:30 PM	73	2 of 2	0.0094	0.0005	0.26	0.00	0.0008	0.0000	2.8	0.1
08/05/2003	1:00 PM	120	1 of 2	0.0092	0.0007	0.22	0.01	0.0008	0.0002	3.0	0.1
08/05/2003	1:00 PM	120	2 of 2	0.0089	0.0005	0.23	0.01	0.0008	0.0002	3.0	0.0

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Lanthanum (La) µg/L (01180)		Lithium (Li) µg/L (01130)		Lutetium (Lu) µg/L (62844)		Magnesium (Mg) mg/L (00925)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	0.0042	0.0002	0.096	0.009	0.0004	0.0001	6.2	0.0
10/29/2001	4:15 PM	6	2 of 2	0.0037	0.0003	0.10	0.02	0.0006	0.0001	5.9	0.1
02/12/2002	1:30 PM	60	1 of 2	0.017	0.000	0.19	0.02	0.0010	0.0001	4.2	0.3
02/12/2002	1:30 PM	60	2 of 2	0.017	0.000	0.22	0.03	0.0010	0.0002	4.3	0.1
04/22/2002	1:50 PM	10	1 of 2	0.012	0.000	0.30	0.03	0.0006	0.0001	3.5	0.1
04/22/2002	1:50 PM	10	2 of 2	0.012	0.000	0.27	0.01	0.0005	0.0001	3.5	0.0
04/15/2003	12:40 PM	32	1 of 2	0.012	0.001	0.21	0.00	0.0007	0.0001	3.0	0.1
04/15/2003	12:40 PM	32	2 of 2	0.012	0.001	0.21	0.01	0.0007	0.0002	3.0	0.1
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	0.023	0.004	0.12	0.01	0.0009	0.0002	5.4	0.0
10/29/2001	2:45 PM	50	2 of 2	0.019	0.001	0.12	0.02	0.0007	0.0000	5.0	0.0
02/13/2002	8:30 AM	120	1 of 2	0.021	0.000	0.26	0.02	0.0011	0.0001	3.6	0.2
02/13/2002	8:30 AM	120	2 of 2	0.021	0.001	0.25	0.02	0.0011	0.0002	3.5	0.3
04/22/2002	12:20 PM	120	1 of 2	0.024	0.001	0.27	0.03	0.0011	0.0001	3.5	0.1
04/22/2002	12:20 PM	120	2 of 2	0.022	0.000	0.26	0.01	0.0010	0.0000	3.5	0.0
08/07/2002	12:10 PM	10	1 of 2	0.0036	0.0002	0.20	0.02	0.0005	0.0001	3.4	0.0
08/07/2002	12:10 PM	10	2 of 2	0.0039	0.0006	0.18	0.03	0.0003	0.0001	3.4	0.0
08/07/2002	12:40 PM	47	1 of 2	0.0068	0.0003	0.18	0.00	0.0006	0.0001	3.0	0.0
08/07/2002	12:40 PM	47	2 of 2	0.0067	0.0004	0.21	0.01	0.0006	0.0001	3.0	0.0
08/08/2002	2:50 PM	80	1 of 2	0.010	0.001	0.23	0.03	0.0010	0.0000	3.4	0.0
08/08/2002	2:50 PM	80	2 of 2	0.0098	0.0004	0.21	0.02	0.0007	0.0000	3.4	0.0
11/05/2002	2:30 PM	10	1 of 2	0.0093	0.0004	0.11	0.00	0.0005	0.0001	5.0	0.0
11/05/2002	2:30 PM	10	2 of 2	0.0091	0.0006	0.12	0.01	0.0005	0.0001	5.0	0.1
11/05/2002	2:10 PM	30	1 of 2	0.013	0.000	0.11	0.01	0.0006	0.0000	5.2	0.0
11/05/2002	2:10 PM	30	2 of 2	0.014	0.001	0.11	0.00	0.0006	0.0001	5.2	0.0
01/29/2003	2:00 PM	10	1 of 2	0.025	0.001	0.22	0.01	0.0013	0.0002	3.1	0.0
01/29/2003	2:00 PM	10	2 of 2	0.025	0.001	0.22	0.02	0.0012	0.0001	3.0	0.0
01/28/2003	3:30 PM	120	1 of 2	0.025	0.001	0.24	0.01	0.0013	0.0001	2.5	0.0
01/28/2003	3:30 PM	120	2 of 2	0.026	0.001	0.25	0.02	0.0012	0.0001	2.5	0.0
04/17/2003	10:30 AM	125	1 of 2	0.015	0.001	0.22	0.03	0.0008	0.0001	2.8	0.0
04/17/2003	10:30 AM	125	2 of 2	0.016	0.001	0.22	0.01	0.0010	0.0001	2.8	0.1
08/07/2003	11:30 AM	1	1 of 2	0.0035	0.0003	0.22	0.01	0.0002	0.0001	3.0	0.1
08/07/2003	11:30 AM	1	2 of 2	0.0032	0.0003	0.22	0.01	0.0003	0.0001	2.9	0.0
08/07/2003	11:50 AM	100	1 of 2	0.0093	0.0006	0.23	0.01	0.0008	0.0001	3.1	0.1
08/07/2003	11:50 AM	100	2 of 2	0.0094	0.0004	0.24	0.02	0.0008	0.0001	3.1	0.1

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Lanthanum (La) µg/L (01180)		Lithium (Li) µg/L (01130)		Lutetium (Lu) µg/L (62844)		Magnesium (Mg) mg/L (00925)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
				Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)							
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	0.012	0.000	0.11	0.01	0.0005	0.0001	5.9	0.1
10/31/2001	10:15 AM	12	2 of 2	0.012	0.000	0.12	0.01	0.0006	0.0000	5.4	0.4
02/13/2002	9:00 AM	80	1 of 2	0.020	0.001	0.29	0.02	0.0008	0.0001	3.1	0.1
02/13/2002	9:00 AM	80	2 of 2	0.021	0.001	0.30	0.03	0.0008	0.0002	3.0	0.1
04/22/2002	10:40 AM	80	1 of 2	0.021	0.000	0.27	0.02	0.0009	0.0001	3.2	0.0
04/22/2002	10:40 AM	80	2 of 2	0.021	0.000	0.28	0.02	0.0009	0.0001	3.1	0.0
08/06/2002	5:50 PM	10	1 of 2	0.0045	0.0003	0.19	0.02	0.0003	0.0001	3.5	0.0
08/06/2002	5:50 PM	10	2 of 2	0.0052	0.0007	0.21	0.02	0.0003	0.0000	3.5	0.0
08/06/2002	6:20 PM	55	1 of 2	0.0096	0.0006	0.20	0.02	0.0006	0.0001	3.3	0.0
08/06/2002	6:20 PM	55	2 of 2	0.0099	0.0002	0.20	0.01	0.0005	0.0001	3.4	0.0
11/05/2002	4:10 PM	7	1 of 2	0.013	0.000	0.13	0.00	0.0007	0.0000	5.2	0.1
11/05/2002	4:10 PM	7	2 of 2	0.011	0.000	0.12	0.00	0.0005	0.0000	5.2	0.0
01/29/2003	1:20 PM	10	1 of 2	0.027	0.001	0.25	0.00	0.0012	0.0001	2.3	0.0
01/29/2003	1:20 PM	10	2 of 2	0.028	0.000	0.27	0.00	0.0011	0.0000	2.3	0.0
01/28/2003	2:50 PM	85	1 of 2	0.026	0.001	0.25	0.01	0.0012	0.0000	2.5	0.0
01/28/2003	2:50 PM	85	2 of 2	0.025	0.000	0.25	0.01	0.0013	0.0002	2.6	0.0
04/17/2003	11:30 AM	90	1 of 2	0.026	0.001	0.23	0.01	0.0013	0.0001	2.7	0.0
04/17/2003	11:30 AM	90	2 of 2	0.026	0.001	0.20	0.00	0.0012	0.0001	2.8	0.1
08/07/2003	10:00 AM	1	1 of 2	0.0047	0.0002	0.23	0.02	0.0003	0.0001	3.2	0.1
08/07/2003	10:00 AM	1	2 of 2	0.0042	0.0002	0.22	0.01	0.0003	0.0000	3.2	0.1
08/06/2003	3:00 PM	100	1 of 2	0.013	0.000	0.21	0.02	0.0007	0.0001	3.2	0.1
08/06/2003	3:00 PM	100	2 of 2	0.013	0.001	0.20	0.01	0.0006	0.0002	3.2	0.1
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	0.0070	0.0007	0.11	0.02	0.0009	0.0000	5.9	0.1
10/31/2001	1:00 PM	4	2 of 2	0.0060	0.0004	0.12	0.01	0.0007	0.0001	6.2	0.1
02/13/2002	1:00 PM	20	1 of 2	0.021	0.000	0.21	0.03	0.0014	0.0003	4.0	0.2
02/13/2002	1:00 PM	20	2 of 2	0.022	0.001	0.22	0.03	0.0012	0.0000	4.1	0.2
04/23/2002	12:10 PM	20	1 of 2	0.012	0.001	0.28	0.02	0.0006	0.0002	3.5	0.0
04/23/2002	12:10 PM	20	2 of 2	0.012	0.000	0.30	0.02	0.0006	0.0002	3.4	0.0
08/07/2002	6:50 PM	57	1 of 2	0.011	0.000	0.23	0.01	0.0008	0.0000	3.3	0.0
08/07/2002	6:50 PM	57	2 of 2	0.012	0.001	0.20	0.05	0.0008	0.0000	3.3	0.1
01/30/2003	3:30 PM	55	1 of 2	0.029	0.000	0.25	0.00	0.0015	0.0001	2.9	0.0
01/30/2003	3:30 PM	55	2 of 2	0.030	0.001	0.25	0.00	0.0012	0.0001	2.9	0.0
04/17/2003	2:30 PM	55	1 of 2	0.026	0.000	0.23	0.01	0.0014	0.0001	3.1	0.1
04/17/2003	2:30 PM	55	2 of 2	0.025	0.000	0.23	0.01	0.0013	0.0000	3.0	0.1
08/07/2003	4:00 PM	1	1 of 2	0.0060	0.0003	0.25	0.02	0.0005	0.0001	3.3	0.1
08/07/2003	4:00 PM	1	2 of 2	0.0065	0.0003	0.25	0.01	0.0004	0.0001	3.3	0.1

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Lanthanum (La) µg/L (01180)		Lithium (Li) µg/L (01130)		Lutetium (Lu) µg/L (62844)		Magnesium (Mg) mg/L (00925)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	0.0036	0.0001	0.20	0.01	0.0003	0.0001	3.4	0.0
08/07/2002	3:40 PM	10	2 of 2	0.0035	0.0001	0.18	0.02	0.0003	0.0001	3.4	0.0
04/17/2003	1:20 PM	80	1 of 2	0.016	0.000	0.21	0.01	0.0007	0.0001	2.9	0.0
04/17/2003	1:20 PM	80	2 of 2	0.017	0.001	0.20	0.01	0.0010	0.0001	2.9	0.0
08/07/2003	1:00 PM	1	1 of 2	0.0036	0.0002	0.21	0.01	0.0002	0.0001	3.0	0.0
08/07/2003	1:00 PM	1	2 of 2	0.0033	0.0002	0.21	0.01	0.0003	0.0002	2.9	0.0
08/07/2003	1:30 PM	40	1 of 2	0.0053	0.0008	0.23	0.01	0.0004	0.0001	2.6	0.1
08/07/2003	1:30 PM	40	2 of 2	0.0054	0.0002	0.24	0.02	0.0005	0.0001	2.5	0.1
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	8.7	0.2	5.8	0.0	0.38	0.00	32	0
10/31/2001	2:15 PM	1	2 of 2	9.0	0.2	5.9	0.0	0.40	0.00	32	1
02/13/2002	3:10 PM	10	1 of 2	0.020	0.001	0.21	0.03	0.0011	0.0001	4.2	0.0
02/13/2002	3:10 PM	10	2 of 2	0.021	0.000	0.24	0.00	0.0010	0.0002	4.0	0.0
02/13/2002	3:30 PM	35	1 of 1	0.031	0.000	0.31	0.04	0.0016	0.0000	4.0	0.1
04/24/2002	11:10 AM	30	1 of 2	0.023	0.001	0.33	0.01	0.0010	0.0003	3.2	0.0
04/24/2002	11:10 AM	30	2 of 2	0.023	0.001	0.34	0.03	0.0012	0.0002	3.2	0.0
08/07/2002	5:00 PM	1	1 of 2	1.2	0.0	1.7	0.0	0.047	0.000	9.2	0.3
08/07/2002	5:00 PM	1	2 of 2	1.2	0.0	1.7	0.1	0.046	0.000	9.4	0.1
11/05/2002	2:50 PM	0	1 of 2	5.2	0.0	4.8	0.3	0.24	0.00	24	0
11/05/2002	2:50 PM	0	2 of 2	5.2	0.1	4.8	0.4	0.24	0.01	23	0
01/30/2003	12:30 PM	10	1 of 2	0.023	0.000	0.23	0.02	0.0013	0.0001	3.3	0.0
01/30/2003	12:30 PM	10	2 of 2	0.024	0.000	0.24	0.03	0.0013	0.0002	3.2	0.0
01/30/2003	1:20 PM	38	1 of 2	0.83	0.00	1.07	0.05	0.040	0.000	7.1	0.0
01/30/2003	1:20 PM	38	2 of 2	0.81	0.00	1.08	0.03	0.039	0.000	7.1	0.0
04/17/2003	4:00 PM	40	1 of 2	1.4	0.0	1.3	0.0	0.062	0.000	6.7	0.1
04/17/2003	4:00 PM	40	2 of 2	1.4	0.0	1.3	0.0	0.063	0.001	6.6	0.0
08/07/2003	4:30 PM	1	1 of 2	0.048	0.000	0.63	0.02	0.0018	0.0001	4.8	0.0
08/07/2003	4:30 PM	1	2 of 2	0.050	0.001	0.60	0.02	0.0016	0.0002	4.6	0.0
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1 of 1	3.8	0.2	1.1	0.0	0.16	0.00	42	0
02/13/2002	2:20 PM	52	1 of 2	0.038	0.000	0.25	0.03	0.0018	0.0003	4.2	0.1
02/13/2002	2:20 PM	52	2 of 2	0.037	0.002	0.28	0.04	0.0018	0.0000	4.0	0.1
04/23/2002	1:10 PM	20	1 of 2	0.011	0.001	0.29	0.02	0.0007	0.0000	3.5	0.0
04/23/2002	1:10 PM	20	2 of 2	0.012	0.001	0.31	0.01	0.0005	0.0001	3.5	0.0
11/05/2002	2:00 PM	1	1 of 2	14	0	6.3	0.1	0.97	0.02	130	2
11/05/2002	2:00 PM	1	2 of 2	14	0	6.7	0.0	0.98	0.06	130	0

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Manganese (Mn)		Molybdenum (Mo)		Sodium (Na)		Neodymium (Nd)	
				µg/L (01056)		µg/L (01060)		mg/L (00930)		µg/L (50579)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3:00 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	0.5	0.0	0.55	0.02	5.5	0.0	0.0060	0.0013
10/30/2001	5:15 PM	10	2 of 2	0.5	0.0	0.56	0.05	5.4	0.5	0.0046	0.0001
02/12/2002	12:00 PM	8	1 of 2	0.5	0.0	0.31	0.05	4.1	0.1	0.028	0.001
02/12/2002	12:00 PM	8	2 of 2	0.4	0.0	0.31	0.05	4.0	0.2	0.030	0.003
04/22/2002	3:20 PM	10	1 of 2	0.54	0.09	0.27	0.02	3.4	0.1	0.018	0.001
04/22/2002	3:20 PM	10	2 of 2	0.51	0.03	0.27	0.02	3.4	0.0	0.017	0.002
08/06/2002	4:30 PM	10	1 of 2	0.28	0.03	0.29	0.01	3.6	0.0	0.0037	0.0005
08/06/2002	4:30 PM	10	2 of 2	0.27	0.03	0.35	0.06	3.7	0.0	0.0042	0.0007
04/15/2003	10:30 AM	40	1 of 2	2.6	0.0	0.39	0.13	3.1	0.1	0.018	0.001
04/15/2003	10:30 AM	40	2 of 2	2.5	0.0	0.35	0.10	3.1	0.1	0.017	0.001
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	3,100	100	0.99	0.04	4.1	0.2	0.033	0.002
11/01/2001	8:30 AM	70	2 of 2	3,300	100	1.1	0.0	4.4	0.2	0.037	0.001
02/12/2002	11:00 AM	140	1 of 2	6.4	0.1	0.36	0.05	3.4	0.0	0.032	0.003
02/12/2002	11:00 AM	140	2 of 2	6.4	0.1	0.35	0.04	3.5	0.1	0.033	0.002
04/22/2002	3:00 PM	140	1 of 2	4.4	0.1	0.26	0.01	3.3	0.1	0.039	0.001
04/22/2002	3:00 PM	140	2 of 2	4.4	0.0	0.25	0.02	3.3	0.0	0.037	0.002
08/08/2002	12:00 PM	45	1 of 2	2.7	0.0	0.29	0.02	3.2	0.0	0.013	0.001
08/08/2002	12:00 PM	45	2 of 2	2.6	0.1	0.27	0.03	3.2	0.0	0.012	0.000
08/08/2002	1:30 PM	113	1 of 2	0.95	0.02	0.24	0.06	3.3	0.0	0.013	0.002
08/08/2002	1:30 PM	113	2 of 2	1.0	0.0	0.29	0.12	3.3	0.0	0.012	0.000
11/04/2002	3:50 PM	10	1 of 2	1,250	0	0.56	0.04	4.2	0.0	0.019	0.001
11/04/2002	3:50 PM	10	2 of 2	1,260	1	0.54	0.02	4.3	0.0	0.019	0.005
11/04/2002	3:20 PM	55	1 of 2	205	6	0.54	0.08	4.5	0.0	0.013	0.001
11/04/2002	3:20 PM	55	2 of 2	202	1	0.50	0.10	4.6	0.0	0.012	0.002
01/29/2003	2:30 PM	10	1 of 2	0.33	0.01	0.27	0.01	3.2	0.1	0.043	0.001
01/29/2003	2:30 PM	10	2 of 2	0.33	0.06	0.26	0.03	3.2	0.1	0.046	0.001
01/28/2003	4:40 PM	140	1 of 2	17	0	0.29	0.02	2.7	0.0	0.045	0.000
01/28/2003	4:40 PM	140	2 of 2	17	0	0.28	0.00	2.6	0.0	0.043	0.003
04/16/2003	4:00 PM	150	1 of 2	17	0	0.29	0.03	3.0	0.1	0.028	0.002
04/16/2003	4:00 PM	150	2 of 2	17	0	0.25	0.03	3.0	0.1	0.026	0.001
08/05/2003	12:30 PM	1	1 of 2	0.22	0.03	0.29	0.02	3.4	0.2	0.0035	0.0007
08/05/2003	12:30 PM	1	2 of 2	0.19	0.07	0.28	0.01	3.4	0.1	0.0022	0.0007
08/05/2003	3:30 PM	73	1 of 2	2.5	0.1	0.22	0.01	3.1	0.1	0.016	0.001
08/05/2003	3:30 PM	73	2 of 2	2.4	0.1	0.21	0.03	2.9	0.1	0.016	0.002
08/05/2003	1:00 PM	120	1 of 2	390	3	0.34	0.01	3.1	0.1	0.016	0.002
08/05/2003	1:00 PM	120	2 of 2	393	6	0.31	0.01	3.0	0.1	0.015	0.000

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Manganese (Mn)		Molybdenum (Mo)		Sodium (Na)		Neodymium (Nd)	
				µg/L (01056)		µg/L (01060)		mg/L (00930)		µg/L (50579)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	0.2	0.1	0.55	0.02	5.6	0.3	0.0064	0.0016
10/29/2001	4:15 PM	6	2 of 2	0.2	0.0	0.56	0.02	5.6	0.3	0.0057	0.0010
02/12/2002	1:30 PM	60	1 of 2	0.7	0.1	0.29	0.01	4.1	0.4	0.029	0.001
02/12/2002	1:30 PM	60	2 of 2	0.7	0.0	0.30	0.01	4.1	0.2	0.031	0.000
04/22/2002	1:50 PM	10	1 of 2	0.69	0.03	0.30	0.03	3.4	0.0	0.019	0.001
04/22/2002	1:50 PM	10	2 of 2	0.66	0.02	0.26	0.01	3.4	0.0	0.020	0.000
04/15/2003	12:40 PM	32	1 of 2	1.1	0.0	0.26	0.00	3.1	0.1	0.020	0.001
04/15/2003	12:40 PM	32	2 of 2	1.2	0.0	0.26	0.01	3.1	0.1	0.020	0.002
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	230	0	0.48	0.00	5.1	0.3	0.032	0.005
10/29/2001	2:45 PM	50	2 of 2	210	0	0.43	0.03	4.8	0.3	0.028	0.000
02/13/2002	8:30 AM	120	1 of 2	2.4	0.1	0.31	0.02	3.8	0.1	0.036	0.001
02/13/2002	8:30 AM	120	2 of 2	2.4	0.0	0.28	0.03	3.8	0.1	0.033	0.001
04/22/2002	12:20 PM	120	1 of 2	3.4	0.0	0.28	0.05	3.3	0.0	0.041	0.000
04/22/2002	12:20 PM	120	2 of 2	3.5	0.0	0.27	0.04	3.4	0.0	0.036	0.002
08/07/2002	12:10 PM	10	1 of 2	0.19	0.08	0.31	0.02	3.7	0.0	0.0043	0.0006
08/07/2002	12:10 PM	10	2 of 2	0.19	0.05	0.30	0.02	3.7	0.0	0.0052	0.0002
08/07/2002	12:40 PM	47	1 of 2	38	0	0.27	0.01	3.3	0.0	0.013	0.001
08/07/2002	12:40 PM	47	2 of 2	38	0	0.29	0.02	3.3	0.0	0.012	0.002
08/08/2002	2:50 PM	80	1 of 2	1.6	0.0	0.25	0.05	3.4	0.0	0.016	0.001
08/08/2002	2:50 PM	80	2 of 2	1.5	0.0	0.26	0.05	3.4	0.0	0.015	0.001
11/05/2002	2:30 PM	10	1 of 2	68	0	0.58	0.05	4.6	0.0	0.012	0.001
11/05/2002	2:30 PM	10	2 of 2	68	1	0.51	0.03	4.6	0.1	0.014	0.002
11/05/2002	2:10 PM	30	1 of 2	153	0	0.48	0.01	4.7	0.0	0.018	0.002
11/05/2002	2:10 PM	30	2 of 2	153	3	0.49	0.02	4.8	0.1	0.020	0.002
01/29/2003	2:00 PM	10	1 of 2	0.32	0.04	0.28	0.02	3.0	0.0	0.040	0.001
01/29/2003	2:00 PM	10	2 of 2	0.31	0.02	0.27	0.03	3.0	0.1	0.042	0.001
01/28/2003	3:30 PM	120	1 of 2	5.4	0.1	0.26	0.01	2.7	0.0	0.042	0.001
01/28/2003	3:30 PM	120	2 of 2	5.4	0.1	0.27	0.01	2.7	0.0	0.042	0.001
04/17/2003	10:30 AM	125	1 of 2	16	0	0.26	0.03	3.1	0.1	0.024	0.000
04/17/2003	10:30 AM	125	2 of 2	16	0	0.31	0.12	3.2	0.2	0.027	0.003
08/07/2003	11:30 AM	1	1 of 2	0.26	0.02	0.33	0.04	3.4	0.1	0.0036	0.0010
08/07/2003	11:30 AM	1	2 of 2	0.32	0.03	0.29	0.02	3.4	0.1	0.0037	0.0009
08/07/2003	11:50 AM	100	1 of 2	311	9	0.37	0.01	3.0	0.1	0.014	0.001
08/07/2003	11:50 AM	100	2 of 2	325	1	0.39	0.02	3.1	0.1	0.016	0.003

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Manganese (Mn) µg/L (01056)		Molybdenum (Mo) µg/L (01060)		Sodium (Na) mg/L (00930)		Neodymium (Nd) µg/L (50579)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)											
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	34	1	0.49	0.02	5.7	0.2	0.014	0.001
10/31/2001	10:15 AM	12	2 of 2	32	2	0.52	0.00	5.5	0.2	0.016	0.001
02/13/2002	9:00 AM	80	1 of 2	14	0	0.32	0.03	3.6	0.1	0.032	0.001
02/13/2002	9:00 AM	80	2 of 2	14	1	0.32	0.07	3.6	0.1	0.031	0.002
04/22/2002	10:40 AM	80	1 of 2	9.3	0.1	0.28	0.02	3.3	0.0	0.036	0.002
04/22/2002	10:40 AM	80	2 of 2	9.2	0.1	0.30	0.05	3.3	0.0	0.037	0.003
08/06/2002	5:50 PM	10	1 of 2	0.17	0.04	0.33	0.04	3.7	0.1	0.0061	0.0010
08/06/2002	5:50 PM	10	2 of 2	0.18	0.08	0.32	0.02	3.7	0.1	0.0072	0.0008
08/06/2002	6:20 PM	55	1 of 2	323	1	0.35	0.02	3.4	0.0	0.016	0.001
08/06/2002	6:20 PM	55	2 of 2	323	2	0.38	0.04	3.5	0.0	0.015	0.002
11/05/2002	4:10 PM	7	1 of 2	1.4	0.3	0.98	0.64	4.8	0.0	0.017	0.001
11/05/2002	4:10 PM	7	2 of 2	1.2	0.1	0.52	0.04	4.7	0.0	0.013	0.002
01/29/2003	1:20 PM	10	1 of 2	1.2	0.0	0.32	0.04	2.8	0.0	0.048	0.003
01/29/2003	1:20 PM	10	2 of 2	1.2	0.1	0.30	0.04	2.8	0.0	0.049	0.001
01/28/2003	2:50 PM	85	1 of 2	8.3	0.1	0.28	0.03	2.7	0.0	0.045	0.001
01/28/2003	2:50 PM	85	2 of 2	8.5	0.1	0.29	0.01	2.7	0.0	0.043	0.003
04/17/2003	11:30 AM	90	1 of 2	6.5	0.1	0.26	0.01	3.0	0.1	0.044	0.001
04/17/2003	11:30 AM	90	2 of 2	6.7	0.2	0.27	0.05	3.1	0.1	0.038	0.002
08/07/2003	10:00 AM	1	1 of 2	0.68	0.03	0.28	0.02	3.6	0.2	0.0058	0.0008
08/07/2003	10:00 AM	1	2 of 2	0.70	0.06	0.29	0.01	3.5	0.1	0.0052	0.0004
08/06/2003	3:00 PM	100	1 of 2	646	35	0.41	0.07	3.1	0.1	0.022	0.000
08/06/2003	3:00 PM	100	2 of 2	653	53	0.37	0.05	3.1	0.2	0.022	0.002
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	37	0	0.58	0.06	5.2	0.1	0.011	0.000
10/31/2001	1:00 PM	4	2 of 2	38	0	0.63	0.10	5.5	0.4	0.0095	0.0018
02/13/2002	1:00 PM	20	1 of 2	0.6	0.0	0.30	0.01	3.8	0.3	0.032	0.001
02/13/2002	1:00 PM	20	2 of 2	0.6	0.1	0.33	0.05	4.0	0.2	0.033	0.001
04/23/2002	12:10 PM	20	1 of 2	0.85	0.02	0.31	0.08	3.4	0.0	0.018	0.001
04/23/2002	12:10 PM	20	2 of 2	0.83	0.03	0.27	0.02	3.4	0.1	0.019	0.001
08/07/2002	6:50 PM	57	1 of 2	123	0	0.31	0.02	3.5	0.1	0.016	0.000
08/07/2002	6:50 PM	57	2 of 2	120	4	0.37	0.08	3.4	0.1	0.019	0.003
01/30/2003	3:30 PM	55	1 of 2	3.0	0.0	0.27	0.05	3.0	0.0	0.049	0.001
01/30/2003	3:30 PM	55	2 of 2	3.0	0.1	0.32	0.09	3.0	0.1	0.049	0.002
04/17/2003	2:30 PM	55	1 of 2	13	0	0.33	0.12	3.3	0.1	0.039	0.002
04/17/2003	2:30 PM	55	2 of 2	13	0	0.31	0.13	3.3	0.1	0.039	0.002
08/07/2003	4:00 PM	1	1 of 2	0.97	0.01	0.29	0.03	3.5	0.1	0.0092	0.0006
08/07/2003	4:00 PM	1	2 of 2	0.99	0.06	0.29	0.03	3.5	0.1	0.0091	0.0011

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Manganese (Mn) µg/L (01056)		Molybdenum (Mo) µg/L (01060)		Sodium (Na) mg/L (00930)		Neodymium (Nd) µg/L (50579)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	0.11	0.04	0.32	0.03	3.7	0.0	0.0053	0.0004
08/07/2002	3:40 PM	10	2 of 2	0.10	0.02	0.34	0.06	3.7	0.0	0.0044	0.0001
04/17/2003	1:20 PM	80	1 of 2	1.1	0.1	0.31	0.05	3.2	0.1	0.027	0.002
04/17/2003	1:20 PM	80	2 of 2	1.1	0.1	0.26	0.01	3.2	0.1	0.030	0.002
08/07/2003	1:00 PM	1	1 of 2	0.11	0.04	0.30	0.04	3.4	0.1	0.0051	0.0004
08/07/2003	1:00 PM	1	2 of 2	0.12	0.01	0.28	0.02	3.4	0.2	0.0041	0.0006
08/07/2003	1:30 PM	40	1 of 2	23	1	0.24	0.01	3.1	0.1	0.0092	0.0014
08/07/2003	1:30 PM	40	2 of 2	23	1	0.24	0.04	3.0	0.1	0.0089	0.0012
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	3,900	0	0.09	0.03	6.0	0.3	16	0
10/31/2001	2:15 PM	1	2 of 2	3,900	100	0.06	0.00	6.1	0.2	16	0
02/13/2002	3:10 PM	10	1 of 2	1.0	0.1	0.29	0.03	4.0	0.2	0.033	0.001
02/13/2002	3:10 PM	10	2 of 2	1.1	0.1	0.32	0.04	3.9	0.1	0.031	0.002
02/13/2002	3:30 PM	35	1 of 1	40	1	0.34	0.06	3.8	0.1	0.053	0.000
04/24/2002	11:10 AM	30	1 of 2	15	0	0.25	0.03	3.3	0.0	0.037	0.001
04/24/2002	11:10 AM	30	2 of 2	15	0	0.25	0.01	3.3	0.1	0.040	0.003
08/07/2002	5:00PM	1	1 of 2	716	5	<0.04	0.04	4.1	0.0	1.7	0.0
08/07/2002	5:00PM	1	2 of 2	716	1	<0.04	0.01	4.2	0.0	1.7	0.0
11/05/2002	2:50 PM	0	1 of 2	2,280	43	0.07	0.05	6.2	0.1	8.9	0.2
11/05/2002	2:50 PM	0	2 of 2	2,280	49	0.07	0.07	6.1	0.0	9.0	0.0
01/30/2003	12:30 PM	10	1 of 2	0.63	0.04	0.32	0.06	3.1	0.0	0.038	0.001
01/30/2003	12:30 PM	10	2 of 2	0.62	0.03	0.28	0.03	3.1	0.0	0.040	0.002
01/30/2003	1:20 PM	38	1 of 2	347	0	0.04	0.02	3.5	0.0	1.4	0.0
01/30/2003	1:20 PM	38	2 of 2	345	1	0.05	0.05	3.5	0.1	1.3	0.0
04/17/2003	4:00 PM	40	1 of 2	445	1	0.08	0.06	3.3	0.1	2.1	0.0
04/17/2003	4:00 PM	40	2 of 2	444	1	0.04	0.04	3.2	0.0	2.2	0.0
08/07/2003	4:30 PM	1	1 of 2	194	5	0.10	0.04	3.3	0.1	0.055	0.000
08/07/2003	4:30 PM	1	2 of 2	198	0	0.14	0.09	3.3	0.1	0.051	0.003
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1 of 1	5,900	0	0.26	0.01	11	0	5.8	0.2
02/13/2002	2:20 PM	52	1 of 2	38	1	0.31	0.05	3.7	0.1	0.058	0.002
02/13/2002	2:20 PM	52	2 of 2	37	0	0.40	0.12	3.6	0.0	0.058	0.002
04/23/2002	1:10 PM	20	1 of 2	0.92	0.02	0.28	0.00	3.4	0.0	0.020	0.002
04/23/2002	1:10 PM	20	2 of 2	0.94	0.01	0.27	0.03	3.4	0.0	0.018	0.002
11/05/2002	2:00 PM	1	1 of 2	17,000	401	0.49	0.42	15	0	26	0
11/05/2002	2:00 PM	1	2 of 2	17,000	263	0.27	0.10	15	0	27	1

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Nickel (Ni) µg/L (01065)		Lead (Pb) µg/L (01049)		Praseodymium (Pr) µg/L (50582)		Rubidium (Rb) µg/L (01134)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3:00 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	1.1	0.2	0.055	0.002	0.0010	0.0002	0.83	0.00
10/30/2001	5:15 PM	10	2 of 2	1.1	0.1	0.11	0.01	0.0010	0.0002	0.83	0.01
02/12/2002	12:00 PM	8	1 of 2	1.2	0.0	0.058	0.001	0.0056	0.0002	0.63	0.01
02/12/2002	12:00 PM	8	2 of 2	1.2	0.0	0.039	0.000	0.0062	0.0001	0.64	0.01
04/22/2002	3:20 PM	10	1 of 2	1.1	0.0	0.031	0.001	0.0037	0.0003	0.60	0.01
04/22/2002	3:20 PM	10	2 of 2	1.1	0.0	0.033	0.000	0.0036	0.0004	0.60	0.00
08/06/2002	4:30 PM	10	1 of 2	0.72	0.06	0.007	0.000	0.0007	0.0001	0.54	0.01
08/06/2002	4:30 PM	10	2 of 2	0.77	0.02	0.006	0.000	0.0007	0.0001	0.54	0.01
04/15/2003	10:30 AM	40	1 of 2	3.1	0.0	0.020	0.013	0.0042	0.0002	0.58	0.02
04/15/2003	10:30 AM	40	2 of 2	3.2	0.0	0.013	0.004	0.0041	0.0002	0.59	0.01
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	1.6	0.1	0.30	0.00	0.0067	0.0002	1.1	0.0
11/01/2001	8:30 AM	70	2 of 2	1.7	0.1	0.043	0.005	0.0072	0.0004	1.2	0.0
02/12/2002	11:00 AM	140	1 of 2	3.2	0.0	0.015	0.002	0.0062	0.0001	0.67	0.02
02/12/2002	11:00 AM	140	2 of 2	3.3	0.0	0.017	0.001	0.0067	0.0003	0.68	0.01
04/22/2002	3:00 PM	140	1 of 2	1.0	0.0	0.026	0.004	0.0074	0.0003	0.62	0.00
04/22/2002	3:00 PM	140	2 of 2	1.1	0.0	0.020	0.001	0.0078	0.0001	0.62	0.01
08/08/2002	12:00 PM	45	1 of 2	0.68	0.01	0.013	0.002	0.0028	0.0001	0.65	0.03
08/08/2002	12:00 PM	45	2 of 2	0.66	0.03	0.009	0.002	0.0029	0.0002	0.64	0.01
08/08/2002	1:30 PM	113	1 of 2	0.52	0.03	0.004	0.002	0.0018	0.0001	0.79	0.01
08/08/2002	1:30 PM	113	2 of 2	0.59	0.04	0.007	0.005	0.0020	0.0001	0.80	0.01
11/04/2002	3:50 PM	10	1 of 2	1.1	0.0	0.022	0.004	0.0032	0.0000	0.98	0.01
11/04/2002	3:50 PM	10	2 of 2	1.1	0.1	0.022	0.002	0.0033	0.0005	0.98	0.01
11/04/2002	3:20 PM	55	1 of 2	1.0	0.0	0.027	0.018	0.0024	0.0003	0.81	0.02
11/04/2002	3:20 PM	55	2 of 2	0.99	0.00	0.017	0.004	0.0022	0.0001	0.79	0.07
01/29/2003	2:30 PM	10	1 of 2	1.2	0.1	0.016	0.001	0.0087	0.0002	0.65	0.02
01/29/2003	2:30 PM	10	2 of 2	1.2	0.1	0.018	0.003	0.0092	0.0001	0.66	0.02
01/28/2003	4:40 PM	140	1 of 2	1.0	0.0	0.019	0.001	0.0087	0.0004	0.72	0.01
01/28/2003	4:40 PM	140	2 of 2	0.99	0.04	0.012	0.000	0.0090	0.0002	0.71	0.01
04/16/2003	4:00 PM	150	1 of 2	0.94	0.02	0.010	0.004	0.0055	0.0002	0.66	0.02
04/16/2003	4:00 PM	150	2 of 2	1.0	0.1	0.011	0.002	0.0051	0.0003	0.66	0.04
08/05/2003	12:30 PM	1	1 of 2	0.57	0.04	0.013	0.001	0.0006	0.0001	0.59	0.01
08/05/2003	12:30 PM	1	2 of 2	0.58	0.01	0.010	0.002	0.0006	0.0002	0.60	0.01
08/05/2003	3:30 PM	73	1 of 2	1.1	0.0	0.021	0.005	0.0030	0.0001	0.69	0.01
08/05/2003	3:30 PM	73	2 of 2	1.1	0.0	0.016	0.001	0.0032	0.0001	0.70	0.01
08/05/2003	1:00 PM	120	1 of 2	1.2	0.0	0.014	0.002	0.0026	0.0003	0.82	0.00
08/05/2003	1:00 PM	120	2 of 2	1.2	0.0	0.014	0.002	0.0025	0.0003	0.80	0.01

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Nickel (Ni)		Lead (Pb)		Praseodymium (Pr)		Rubidium (Rb)	
				µg/L (01065)		µg/L (01049)		µg/L (50582)		µg/L (01134)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	0.77	0.15	0.017	0.001	0.0012	0.0001	0.87	0.02
10/29/2001	4:15 PM	6	2 of 2	0.71	0.15	0.037	0.002	0.0010	0.0003	0.87	0.01
02/12/2002	1:30 PM	60	1 of 2	1.6	0.0	0.016	0.002	0.0060	0.0001	0.63	0.00
02/12/2002	1:30 PM	60	2 of 2	1.7	0.0	0.018	0.003	0.0062	0.0002	0.64	0.00
04/22/2002	1:50 PM	10	1 of 2	0.97	0.04	0.040	0.001	0.0037	0.0004	0.60	0.01
04/22/2002	1:50 PM	10	2 of 2	0.96	0.02	0.033	0.001	0.0039	0.0001	0.62	0.01
04/15/2003	12:40 PM	32	1 of 2	1.1	0.1	0.025	0.005	0.0037	0.0005	0.63	0.02
04/15/2003	12:40 PM	32	2 of 2	1.1	0.0	0.026	0.003	0.0038	0.0005	0.64	0.01
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	2.3	0.1	0.11	0.02	0.0073	0.0020	0.79	0.01
10/29/2001	2:45 PM	50	2 of 2	2.3	0.2	0.22	0.06	0.0058	0.0002	0.75	0.02
02/13/2002	8:30 AM	120	1 of 2	1.3	0.0	0.023	0.005	0.0073	0.0001	0.68	0.00
02/13/2002	8:30 AM	120	2 of 2	1.3	0.1	0.019	0.002	0.0069	0.0003	0.67	0.00
04/22/2002	12:20 PM	120	1 of 2	1.1	0.0	0.063	0.002	0.0081	0.0003	0.61	0.01
04/22/2002	12:20 PM	120	2 of 2	1.1	0.0	0.050	0.004	0.0078	0.0003	0.63	0.01
08/07/2002	12:10 PM	10	1 of 2	0.42	0.01	0.009	0.002	0.0010	0.0001	0.56	0.01
08/07/2002	12:10 PM	10	2 of 2	0.42	0.01	0.009	0.001	0.0010	0.0001	0.57	0.02
08/07/2002	12:40 PM	47	1 of 2	0.86	0.06	0.009	0.002	0.0020	0.0002	0.71	0.00
08/07/2002	12:40 PM	47	2 of 2	0.86	0.04	0.009	0.001	0.0025	0.0002	0.69	0.00
08/08/2002	2:50 PM	80	1 of 2	0.61	0.04	0.004	0.003	0.0027	0.0002	0.81	0.00
08/08/2002	2:50 PM	80	2 of 2	0.57	0.02	0.003	0.002	0.0031	0.0002	0.81	0.01
11/05/2002	2:30 PM	10	1 of 2	0.84	0.02	0.030	0.001	0.0027	0.0001	0.80	0.05
11/05/2002	2:30 PM	10	2 of 2	0.84	0.08	0.025	0.003	0.0027	0.0001	0.78	0.01
11/05/2002	2:10 PM	30	1 of 2	0.99	0.04	0.050	0.004	0.0038	0.0002	0.83	0.02
11/05/2002	2:10 PM	30	2 of 2	0.97	0.04	0.045	0.008	0.0037	0.0003	0.84	0.01
01/29/2003	2:00 PM	10	1 of 2	1.1	0.0	0.015	0.001	0.0084	0.0005	0.69	0.01
01/29/2003	2:00 PM	10	2 of 2	1.1	0.0	0.015	0.002	0.0089	0.0001	0.70	0.01
01/28/2003	3:30 PM	120	1 of 2	1.0	0.1	0.016	0.004	0.0090	0.0004	0.74	0.01
01/28/2003	3:30 PM	120	2 of 2	1.0	0.1	0.013	0.000	0.0088	0.0005	0.73	0.02
04/17/2003	10:30 AM	125	1 of 2	0.95	0.03	0.023	0.002	0.0053	0.0003	0.69	0.02
04/17/2003	10:30 AM	125	2 of 2	0.93	0.02	0.025	0.004	0.0051	0.0004	0.69	0.04
08/07/2003	11:30 AM	1	1 of 2	0.39	0.00	0.013	0.003	0.0008	0.0002	0.62	0.01
08/07/2003	11:30 AM	1	2 of 2	0.43	0.01	0.014	0.002	0.0006	0.0001	0.63	0.01
08/07/2003	11:50 AM	100	1 of 2	1.7	0.0	0.009	0.001	0.0026	0.0003	0.89	0.01
08/07/2003	11:50 AM	100	2 of 2	1.7	0.0	0.009	0.004	0.0030	0.0001	0.90	0.01

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Nickel (Ni)		Lead (Pb)		Praseodymium (Pr)		Rubidium (Rb)	
				µg/L (01065)		µg/L (01049)		µg/L (50582)		µg/L (01134)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)											
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	1.0	0.1	0.091	0.006	0.0031	0.0001	0.82	0.01
10/31/2001	10:15 AM	12	2 of 2	1.0	0.1	0.10	0.01	0.0033	0.0001	0.83	0.01
02/13/2002	9:00 AM	80	1 of 2	0.98	0.01	0.025	0.006	0.0064	0.0001	0.74	0.00
02/13/2002	9:00 AM	80	2 of 2	1.0	0.0	0.026	0.003	0.0072	0.0004	0.73	0.02
04/22/2002	10:40 AM	80	1 of 2	1.3	0.0	0.019	0.002	0.0069	0.0002	0.65	0.00
04/22/2002	10:40 AM	80	2 of 2	1.3	0.0	0.020	0.001	0.0073	0.0002	0.65	0.00
08/06/2002	5:50 PM	10	1 of 2	0.46	0.05	0.011	0.001	0.0011	0.0001	0.56	0.01
08/06/2002	5:50 PM	10	2 of 2	0.47	0.03	0.021	0.005	0.0012	0.0001	0.56	0.01
08/06/2002	6:20 PM	55	1 of 2	1.2	0.0	0.024	0.001	0.0032	0.0004	0.71	0.01
08/06/2002	6:20 PM	55	2 of 2	1.2	0.0	0.023	0.001	0.0030	0.0003	0.72	0.01
11/05/2002	4:10 PM	7	1 of 2	0.76	0.05	0.061	0.023	0.0033	0.0011	1.0	0.0
11/05/2002	4:10 PM	7	2 of 2	0.76	0.06	0.042	0.005	0.0027	0.0003	0.98	0.00
01/29/2003	1:20 PM	10	1 of 2	0.89	0.02	0.016	0.004	0.0092	0.0001	0.76	0.01
01/29/2003	1:20 PM	10	2 of 2	0.88	0.02	0.024	0.003	0.0097	0.0001	0.76	0.01
01/28/2003	2:50 PM	85	1 of 2	1.2	0.0	0.017	0.003	0.0087	0.0002	0.73	0.00
01/28/2003	2:50 PM	85	2 of 2	1.2	0.1	0.017	0.001	0.0083	0.0002	0.74	0.00
04/17/2003	11:30 AM	90	1 of 2	1.2	0.0	0.040	0.002	0.0091	0.0002	0.64	0.01
04/17/2003	11:30 AM	90	2 of 2	1.2	0.1	0.033	0.003	0.0088	0.0006	0.64	0.00
08/07/2003	10:00 AM	1	1 of 2	0.58	0.01	0.019	0.005	0.0010	0.0001	0.64	0.00
08/07/2003	10:00 AM	1	2 of 2	0.60	0.05	0.013	0.002	0.0011	0.0002	0.65	0.01
08/06/2003	3:00 PM	100	1 of 2	2.0	0.1	0.034	0.009	0.0044	0.0001	0.86	0.00
08/06/2003	3:00 PM	100	2 of 2	1.9	0.0	0.023	0.005	0.0041	0.0002	0.86	0.00
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	1.0	0.2	0.12	0.01	0.0022	0.0003	0.80	0.00
10/31/2001	1:00 PM	4	2 of 2	1.0	0.1	0.075	0.025	0.0018	0.0004	0.84	0.01
02/13/2002	1:00 PM	20	1 of 2	1.2	0.1	0.018	0.002	0.0068	0.0005	0.64	0.01
02/13/2002	1:00 PM	20	2 of 2	1.2	0.1	0.021	0.002	0.0075	0.0005	0.64	0.00
04/23/2002	12:10 PM	20	1 of 2	1.1	0.0	0.032	0.001	0.0039	0.0003	0.61	0.00
04/23/2002	12:10 PM	20	2 of 2	1.1	0.0	0.027	0.002	0.0039	0.0002	0.61	0.01
08/07/2002	6:50 PM	57	1 of 2	1.1	0.0	0.017	0.001	0.0040	0.0000	0.70	0.01
08/07/2002	6:50 PM	57	2 of 2	1.0	0.0	0.015	0.003	0.0035	0.0001	0.71	0.02
01/30/2003	3:30 PM	55	1 of 2	1.1	0.1	0.021	0.004	0.010	0.000	0.70	0.01
01/30/2003	3:30 PM	55	2 of 2	1.1	0.1	0.021	0.006	0.011	0.000	0.70	0.00
04/17/2003	2:30 PM	55	1 of 2	1.2	0.0	0.030	0.001	0.0085	0.0006	0.64	0.02
04/17/2003	2:30 PM	55	2 of 2	1.1	0.1	0.039	0.009	0.0084	0.0004	0.67	0.00
08/07/2003	4:00 PM	1	1 of 2	0.59	0.05	0.036	0.004	0.0017	0.0002	0.62	0.00
08/07/2003	4:00 PM	1	2 of 2	0.57	0.01	0.032	0.004	0.0020	0.0001	0.64	0.00

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Nickel (Ni)		Lead (Pb)		Praseodymium (Pr)		Rubidium (Rb)	
				µg/L (01065)		µg/L (01049)		µg/L (50582)		µg/L (01134)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	0.40	0.04	0.017	0.001	0.0010	0.0004	0.54	0.01
08/07/2002	3:40 PM	10	2 of 2	0.37	0.05	0.012	0.001	0.0011	0.0000	0.53	0.00
04/17/2003	1:20 PM	80	1 of 2	0.90	0.03	0.012	0.002	0.0054	0.0004	0.66	0.01
04/17/2003	1:20 PM	80	2 of 2	0.91	0.06	0.013	0.002	0.0054	0.0004	0.68	0.00
08/07/2003	1:00 PM	1	1 of 2	0.36	0.05	0.014	0.001	0.0010	0.0001	0.58	0.00
08/07/2003	1:00 PM	1	2 of 2	0.37	0.02	0.010	0.001	0.0008	0.0002	0.57	0.02
08/07/2003	1:30 PM	40	1 of 2	0.67	0.04	0.023	0.001	0.0020	0.0001	0.73	0.00
08/07/2003	1:30 PM	40	2 of 2	0.67	0.00	0.017	0.002	0.0018	0.0002	0.74	0.01
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	87	2	44	0	3.3	0.0	10	0
10/31/2001	2:15 PM	1	2 of 2	91	0	45	0	3.3	0.0	10	0
02/13/2002	3:10 PM	10	1 of 2	1.3	0.0	0.025	0.001	0.0067	0.0004	0.64	0.00
02/13/2002	3:10 PM	10	2 of 2	1.3	0.0	0.032	0.002	0.0068	0.0001	0.63	0.01
02/13/2002	3:30 PM	35	1of 1	2.1	0.1	0.082	0.003	0.011	0.000	0.61	0.00
04/24/2002	11:10 AM	30	1 of 2	1.5	0.0	0.058	0.003	0.0075	0.0002	0.69	0.00
04/24/2002	11:10 AM	30	2 of 2	1.5	0.0	0.041	0.002	0.0083	0.0001	0.68	0.01
08/07/2002	5:00 PM	1	1 of 2	17	0	2.5	0.0	0.36	0.01	2.0	0.0
08/07/2002	5:00 PM	1	2 of 2	18	0	2.5	0.0	0.37	0.00	2.1	0.0
11/05/2002	2:50 PM	0	1 of 2	55	1	34	1	1.9	0.0	7.1	0.1
11/05/2002	2:50 PM	0	2 of 2	55	2	34	0	1.9	0.0	7.0	0.0
01/30/2003	12:30 PM	10	1 of 2	1.2	0.1	0.019	0.001	0.0080	0.0002	0.68	0.02
01/30/2003	12:30 PM	10	2 of 2	1.2	0.1	0.019	0.004	0.0080	0.0002	0.67	0.01
01/30/2003	1:20 PM	38	1 of 2	11	0	0.71	0.01	0.28	0.00	1.3	0.0
01/30/2003	1:20 PM	38	2 of 2	11	0	0.70	0.00	0.28	0.00	1.2	0.0
04/17/2003	4:00 PM	40	1 of 2	13	0	1.8	0.0	0.47	0.01	1.5	0.0
04/17/2003	4:00 PM	40	2 of 2	13	0	1.8	0.0	0.47	0.01	1.5	0.0
08/07/2003	4:30 PM	1	1 of 2	5.1	0.0	0.066	0.002	0.011	0.000	1.2	0.0
08/07/2003	4:30 PM	1	2 of 2	5.1	0.1	0.067	0.004	0.012	0.000	1.2	0.0
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1of 1	72	0	0.37	0.00	1.2	0.0	2.5	0.0
02/13/2002	2:20 PM	52	1 of 2	1.9	0.0	0.024	0.001	0.013	0.001	0.66	0.00
02/13/2002	2:20 PM	52	2 of 2	1.9	0.0	0.029	0.004	0.012	0.000	0.64	0.01
04/23/2002	1:10 PM	20	1 of 2	0.95	0.03	0.053	0.003	0.0042	0.0001	0.61	0.01
04/23/2002	1:10 PM	20	2 of 2	0.97	0.00	0.039	0.001	0.0038	0.0004	0.61	0.01
11/05/2002	2:00 PM	1	1 of 2	225	0	13	0	5.3	0.0	4.1	0.1
11/05/2002	2:00 PM	1	2 of 2	231	9	13	0	5.4	0.2	4.2	0.1

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Rhenium (Re)		Sulfur (S)		Antimony (Sb)		Selenium (Se)	
				µg/L (50583)		mg/L (63719)		µg/L (01095)		µg/L (01145)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3:00 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	0.0012	0.0000	3.5	0.1	0.16	0.01	<0.2	0.1
10/30/2001	5:15 PM	10	2 of 2	0.0014	0.0001	3.5	0.1	0.17	0.01	<0.2	0.1
02/12/2002	12:00 PM	8	1 of 2	0.0018	0.0003	2.9	0.1	0.061	0.003	<0.1	0.0
02/12/2002	12:00 PM	8	2 of 2	0.0015	0.0002	2.8	0.1	0.060	0.004	<0.1	0.0
04/22/2002	3:20 PM	10	1 of 2	0.0015	0.0001	2.2	0.0	0.043	0.003	<0.1	0.0
04/22/2002	3:20 PM	10	2 of 2	0.0011	0.0002	2.2	0.0	0.044	0.004	<0.1	0.0
08/06/2002	4:30 PM	10	1 of 2	0.0008	0.0002	1.9	0.0	0.045	0.007	<0.1	0.1
08/06/2002	4:30 PM	10	2 of 2	0.0009	0.0002	1.9	0.0	0.046	0.003	<0.1	0.1
04/15/2003	10:30 AM	40	1 of 2	0.0009	0.0003	1.8	0.0	0.05	0.02	<0.07	0.02
04/15/2003	10:30 AM	40	2 of 2	0.0009	0.0002	1.9	0.0	0.03	0.00	<0.07	0.02
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	0.0009	0.0001	2.3	0.1	0.14	0.01	<0.2	0.1
11/01/2001	8:30 AM	70	2 of 2	0.0012	0.0000	2.4	0.1	0.13	0.00	<0.2	0.1
02/12/2002	11:00 AM	140	1 of 2	0.0012	0.0002	2.5	0.1	0.049	0.003	<0.1	0.0
02/12/2002	11:00 AM	140	2 of 2	0.0017	0.0001	2.5	0.0	0.050	0.003	<0.1	0.0
04/22/2002	3:00 PM	140	1 of 2	0.0010	0.0002	2.2	0.0	0.041	0.003	<0.1	0.0
04/22/2002	3:00 PM	140	2 of 2	0.0014	0.0003	2.2	0.0	0.044	0.002	<0.1	0.0
08/08/2002	12:00 PM	45	1 of 2	0.0008	0.0003	1.7	0.0	0.035	0.004	<0.1	0.0
08/08/2002	12:00 PM	45	2 of 2	0.0006	0.0003	1.7	0.0	0.040	0.004	<0.1	0.0
08/08/2002	1:30 PM	113	1 of 2	0.0013	0.0003	2.0	0.0	0.028	0.001	<0.1	0.1
08/08/2002	1:30 PM	113	2 of 2	0.0010	0.0003	2.0	0.0	0.033	0.001	<0.1	0.0
11/04/2002	3:50 PM	10	1 of 2	0.0011	0.0003	2.5	0.0	0.095	0.006	<0.2	0.1
11/04/2002	3:50 PM	10	2 of 2	0.0012	0.0001	2.5	0.0	0.097	0.002	<0.2	0.1
11/04/2002	3:20 PM	55	1 of 2	0.0012	0.0003	2.8	0.1	0.095	0.009	<0.2	0.1
11/04/2002	3:20 PM	55	2 of 2	0.0012	0.0004	2.8	0.0	0.095	0.007	<0.2	0.1
01/29/2003	2:30 PM	10	1 of 2	0.0014	0.0002	2.4	0.0	0.054	0.002	<0.05	0.00
01/29/2003	2:30 PM	10	2 of 2	0.0013	0.0001	2.4	0.0	0.056	0.002	<0.05	0.01
01/28/2003	4:40 PM	140	1 of 2	0.0011	0.0001	1.8	0.0	0.034	0.001	<0.05	0.05
01/28/2003	4:40 PM	140	2 of 2	0.0010	0.0001	1.8	0.0	0.035	0.001	0.08	0.00
04/16/2003	4:00 PM	150	1 of 2	0.0007	0.0001	1.7	0.0	0.04	0.00	<0.07	0.03
04/16/2003	4:00 PM	150	2 of 2	0.0009	0.0004	1.7	0.0	0.04	0.01	<0.07	0.01
08/05/2003	12:30 PM	1	1 of 2	0.0009	0.0003	1.7	0.0	0.050	0.018	<0.1	0.1
08/05/2003	12:30 PM	1	2 of 2	0.0007	0.0002	1.7	0.0	0.040	0.011	<0.1	0.1
08/05/2003	3:30 PM	73	1 of 2	0.0008	0.0002	1.8	0.0	0.041	0.010	<0.1	0.1
08/05/2003	3:30 PM	73	2 of 2	0.0008	0.0002	1.7	0.0	0.034	0.003	<0.1	0.1
08/05/2003	1:00 PM	120	1 of 2	0.0007	0.0002	1.7	0.1	0.028	0.004	<0.1	0.1
08/05/2003	1:00 PM	120	2 of 2	0.0009	0.0003	1.7	0.1	0.028	0.004	<0.1	0.0

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Rhenium (Re)		Sulfur (S)		Antimony (Sb)		Selenium (Se)	
				µg/L (50583)		mg/L (63719)		µg/L (01095)		µg/L (01145)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	0.0012	0.0002	3.6	0.0	0.16	0.01	<0.2	0.1
10/29/2001	4:15 PM	6	2 of 2	0.0011	0.0002	3.4	0.0	0.16	0.00	<0.2	0.1
02/12/2002	1:30 PM	60	1 of 2	0.0017	0.0001	2.8	0.1	0.055	0.003	<0.1	0.0
02/12/2002	1:30 PM	60	2 of 2	0.0015	0.0003	2.9	0.1	0.058	0.003	<0.1	0.0
04/22/2002	1:50 PM	10	1 of 2	0.0009	0.0001	2.1	0.0	0.042	0.001	<0.1	0.0
04/22/2002	1:50 PM	10	2 of 2	0.0008	0.0002	2.2	0.0	0.039	0.001	<0.1	0.0
04/15/2003	12:40 PM	32	1 of 2	0.0008	0.0002	1.9	0.0	0.04	0.01	<0.07	0.05
04/15/2003	12:40 PM	32	2 of 2	0.0010	0.0001	1.9	0.0	0.04	0.01	<0.07	0.01
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	0.0012	0.0001	3.1	0.1	0.16	0.00	<0.2	0.1
10/29/2001	2:45 PM	50	2 of 2	0.0009	0.0002	2.9	0.1	0.16	0.00	<0.2	0.1
02/13/2002	8:30 AM	120	1 of 2	0.0015	0.0004	2.5	0.1	0.049	0.001	0.1	0.0
02/13/2002	8:30 AM	120	2 of 2	0.0015	0.0003	2.4	0.1	0.048	0.005	0.1	0.1
04/22/2002	12:20 PM	120	1 of 2	0.0010	0.0000	2.2	0.0	0.048	0.001	<0.1	0.0
04/22/2002	12:20 PM	120	2 of 2	0.0010	0.0004	2.2	0.0	0.042	0.002	<0.1	0.0
08/07/2002	12:10 PM	10	1 of 2	0.0008	0.0003	2.0	0.0	0.044	0.001	<0.1	0.1
08/07/2002	12:10 PM	10	2 of 2	0.0008	0.0002	2.0	0.0	0.048	0.003	<0.1	0.1
08/07/2002	12:40 PM	47	1 of 2	0.0007	0.0000	1.7	0.0	0.039	0.001	<0.1	0.0
08/07/2002	12:40 PM	47	2 of 2	0.0008	0.0001	1.7	0.0	0.040	0.004	<0.1	0.1
08/08/2002	2:50 PM	80	1 of 2	0.0013	0.0004	1.9	0.0	0.035	0.003	<0.1	0.0
08/08/2002	2:50 PM	80	2 of 2	0.0009	0.0001	1.9	0.0	0.033	0.003	<0.1	0.1
11/05/2002	2:30 PM	10	1 of 2	0.0015	0.0002	3.0	0.0	0.094	0.003	<0.2	0.0
11/05/2002	2:30 PM	10	2 of 2	0.0010	0.0002	3.0	0.0	0.093	0.004	<0.2	0.1
11/05/2002	2:10 PM	30	1 of 2	0.0011	0.0005	3.4	0.0	0.093	0.000	<0.2	0.0
11/05/2002	2:10 PM	30	2 of 2	0.0010	0.0002	3.5	0.1	0.091	0.001	<0.2	0.1
01/29/2003	2:00 PM	10	1 of 2	0.0012	0.0001	2.1	0.0	0.042	0.001	0.06	0.06
01/29/2003	2:00 PM	10	2 of 2	0.0012	0.0001	2.1	0.0	0.041	0.001	<0.05	0.05
01/28/2003	3:30 PM	120	1 of 2	0.0012	0.0002	1.8	0.0	0.037	0.005	<0.05	0.00
01/28/2003	3:30 PM	120	2 of 2	0.0011	0.0001	1.8	0.0	0.037	0.005	<0.05	0.02
04/17/2003	10:30 AM	125	1 of 2	0.0009	0.0002	1.8	0.0	0.04	0.01	<0.07	0.01
04/17/2003	10:30 AM	125	2 of 2	0.0009	0.0003	1.8	0.0	0.04	0.02	<0.07	0.01
08/07/2003	11:30 AM	1	1 of 2	0.0007	0.0002	1.7	0.0	0.042	0.003	<0.1	0.1
08/07/2003	11:30 AM	1	2 of 2	0.0009	0.0001	1.7	0.0	0.042	0.004	<0.1	0.1
08/07/2003	11:50 AM	100	1 of 2	0.0008	0.0001	1.7	0.0	0.029	0.008	<0.1	0.1
08/07/2003	11:50 AM	100	2 of 2	0.0009	0.0002	1.7	0.0	0.034	0.018	<0.1	0.1

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Rhenium (Re)		Sulfur (S)		Antimony (Sb)		Selenium (Se)	
				µg/L (50583)		mg/L (63719)		µg/L (01095)		µg/L (01145)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)											
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	0.0015	0.0002	3.4	0.1	0.18	0.01	<0.2	0.1
10/31/2001	10:15 AM	12	2 of 2	0.0014	0.0001	3.2	0.2	0.18	0.01	<0.2	0.1
02/13/2002	9:00 AM	80	1 of 2	0.0009	0.0001	2.2	0.1	0.045	0.003	<0.1	0.0
02/13/2002	9:00 AM	80	2 of 2	0.0010	0.0003	2.2	0.1	0.047	0.002	<0.1	0.0
04/22/2002	10:40 AM	80	1 of 2	0.0011	0.0001	2.0	0.0	0.042	0.004	<0.1	0.0
04/22/2002	10:40 AM	80	2 of 2	0.0010	0.0002	2.0	0.0	0.040	0.003	<0.1	0.0
08/06/2002	5:50 PM	10	1 of 2	0.0010	0.0002	1.9	0.1	0.045	0.003	<0.1	0.1
08/06/2002	5:50 PM	10	2 of 2	0.0007	0.0000	1.9	0.1	0.047	0.004	<0.1	0.0
08/06/2002	6:20 PM	55	1 of 2	0.0009	0.0004	1.7	0.0	0.039	0.002	<0.1	0.1
08/06/2002	6:20 PM	55	2 of 2	0.0009	0.0002	1.7	0.0	0.045	0.003	<0.1	0.0
11/05/2002	4:10 PM	7	1 of 2	0.0017	0.0000	3.2	0.0	0.096	0.012	<0.2	0.1
11/05/2002	4:10 PM	7	2 of 2	0.0017	0.0000	3.2	0.0	0.093	0.001	<0.2	0.1
01/29/2003	1:20 PM	10	1 of 2	0.0011	0.0001	1.6	0.0	0.031	0.002	<0.05	0.01
01/29/2003	1:20 PM	10	2 of 2	0.0009	0.0002	1.6	0.0	0.031	0.004	<0.05	0.04
01/28/2003	2:50 PM	85	1 of 2	0.0011	0.0001	1.8	0.0	0.035	0.004	0.08	0.06
01/28/2003	2:50 PM	85	2 of 2	0.0010	0.0004	1.8	0.0	0.037	0.001	0.08	0.04
04/17/2003	11:30 AM	90	1 of 2	0.0009	0.0002	1.6	0.0	0.04	0.00	<0.07	0.02
04/17/2003	11:30 AM	90	2 of 2	0.0009	0.0002	1.6	0.0	0.05	0.02	<0.07	0.01
08/07/2003	10:00 AM	1	1 of 2	0.0007	0.0001	1.7	0.1	0.044	0.006	<0.1	0.0
08/07/2003	10:00 AM	1	2 of 2	0.0007	0.0003	1.7	0.0	0.043	0.005	<0.1	0.0
08/06/2003	3:00 PM	100	1 of 2	0.0007	0.0002	1.5	0.0	0.047	0.013	<0.1	0.1
08/06/2003	3:00 PM	100	2 of 2	0.0007	0.0003	1.6	0.1	0.040	0.009	<0.1	0.1
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	0.0015	0.0002	4.0	0.0	0.18	0.01	<0.2	0.1
10/31/2001	1:00 PM	4	2 of 2	0.0014	0.0004	4.1	0.1	0.17	0.02	<0.2	0.1
02/13/2002	1:00 PM	20	1 of 2	0.0015	0.0001	2.9	0.1	0.062	0.000	0.1	0.1
02/13/2002	1:00 PM	20	2 of 2	0.0016	0.0001	2.9	0.1	0.055	0.004	<0.1	0.0
04/23/2002	12:10 PM	20	1 of 2	0.0013	0.0004	2.2	0.0	0.042	0.001	<0.1	0.0
04/23/2002	12:10 PM	20	2 of 2	0.0015	0.0003	2.2	0.0	0.042	0.004	<0.1	0.0
08/07/2002	6:50 PM	57	1 of 2	0.0009	0.0002	1.9	0.0	0.042	0.004	<0.1	0.0
08/07/2002	6:50 PM	57	2 of 2	0.0009	0.0002	1.9	0.0	0.045	0.001	<0.1	0.0
01/30/2003	3:30 PM	55	1 of 2	0.0009	0.0001	2.1	0.0	0.038	0.004	0.14	0.01
01/30/2003	3:30 PM	55	2 of 2	0.0011	0.0001	2.1	0.0	0.042	0.004	<0.05	0.02
04/17/2003	2:30 PM	55	1 of 2	0.0009	0.0002	2.2	0.0	0.05	0.03	<0.07	0.02
04/17/2003	2:30 PM	55	2 of 2	0.0007	0.0001	2.2	0.0	0.07	0.01	<0.07	0.01
08/07/2003	4:00 PM	1	1 of 2	0.0008	0.0003	2.6	0.0	0.042	0.009	<0.1	0.0
08/07/2003	4:00 PM	1	2 of 2	0.0007	0.0002	2.6	0.0	0.049	0.009	<0.1	0.0

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Rhenium (Re)		Sulfur (S)		Antimony (Sb)		Selenium (Se)	
				µg/L (50583)		mg/L (63719)		µg/L (01095)		µg/L (01145)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	0.0012	0.0003	1.9	0.0	0.046	0.002	<0.1	0.1
08/07/2002	3:40 PM	10	2 of 2	0.0012	0.0003	1.9	0.0	0.048	0.002	<0.1	0.0
04/17/2003	1:20 PM	80	1 of 2	0.0008	0.0002	1.7	0.0	0.04	0.00	<0.07	0.01
04/17/2003	1:20 PM	80	2 of 2	0.0010	0.0002	1.8	0.0	0.04	0.00	<0.07	0.04
08/07/2003	1:00 PM	1	1 of 2	0.0008	0.0001	1.6	0.0	0.043	0.014	0.1	0.1
08/07/2003	1:00 PM	1	2 of 2	0.0007	0.0002	1.6	0.0	0.040	0.010	<0.1	0.0
08/07/2003	1:30 PM	40	1 of 2	0.0007	0.0003	1.5	0.1	0.035	0.006	<0.1	0.0
08/07/2003	1:30 PM	40	2 of 2	0.0008	0.0003	1.5	0.0	0.035	0.003	<0.1	0.0
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	0.0099	0.0003	230	0	0.093	0.004	2.4	0.0
10/31/2001	2:15 PM	1	2 of 2	0.010	0.000	230	10	0.085	0.005	2.2	0.1
02/13/2002	3:10 PM	10	1 of 2	0.0014	0.0001	3.2	0.0	0.057	0.003	<0.1	0.0
02/13/2002	3:10 PM	10	2 of 2	0.0017	0.0002	3.1	0.0	0.059	0.004	<0.1	0.0
02/13/2002	3:30 PM	35	1of 1	0.0015	0.0003	5.2	0.0	0.055	0.004	<0.1	0.0
04/24/2002	11:10 AM	30	1 of 2	0.0012	0.0002	3.1	0.0	0.037	0.003	<0.1	0.0
04/24/2002	11:10 AM	30	2 of 2	0.0009	0.0002	3.1	0.0	0.036	0.003	<0.1	0.0
08/07/2002	5:00 PM	1	1 of 2	0.0033	0.0002	38	1	0.013	0.002	0.5	0.0
08/07/2002	5:00 PM	1	2 of 2	0.0037	0.0003	39	1	0.013	0.002	0.5	0.1
11/05/2002	2:50 PM	0	1 of 2	0.0088	0.0002	136	1	0.008	0.002	1.3	0.1
11/05/2002	2:50 PM	0	2 of 2	0.0097	0.0000	135	0	0.004	0.000	1.2	0.1
01/30/2003	12:30 PM	10	1 of 2	0.0014	0.0001	2.5	0.0	0.048	0.005	0.07	0.01
01/30/2003	12:30 PM	10	2 of 2	0.0010	0.0001	2.5	0.0	0.046	0.004	<0.05	0.02
01/30/2003	1:20 PM	38	1 of 2	0.0031	0.0000	28	0	0.022	0.002	0.31	0.01
01/30/2003	1:20 PM	38	2 of 2	0.0028	0.0002	28	0	0.022	0.002	0.36	0.03
04/17/2003	4:00 PM	40	1 of 2	0.0028	0.0003	32	0	0.03	0.00	0.21	0.01
04/17/2003	4:00 PM	40	2 of 2	0.0036	0.0005	32	0	0.01	0.01	0.22	0.03
08/07/2003	4:30 PM	1	1 of 2	0.0012	0.0000	14	0	0.042	0.011	0.2	0.1
08/07/2003	4:30 PM	1	2 of 2	0.0018	0.0003	14	0	0.038	0.005	0.2	0.1
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1of 1	0.0083	0.0005	140	0	0.099	0.006	1.2	0.1
02/13/2002	2:20 PM	52	1 of 2	0.0013	0.0001	4.3	0.0	0.053	0.005	<0.1	0.0
02/13/2002	2:20 PM	52	2 of 2	0.0014	0.0002	4.2	0.0	0.054	0.003	<0.1	0.0
04/23/2002	1:10 PM	20	1 of 2	0.0009	0.0001	2.2	0.0	0.041	0.000	<0.1	0.0
04/23/2002	1:10 PM	20	2 of 2	0.0009	0.0003	2.2	0.0	0.046	0.000	<0.1	0.0
11/05/2002	2:00 PM	1	1 of 2	0.029	0.001	394	1	0.026	0.029	4.1	0.4
11/05/2002	2:00 PM	1	2 of 2	0.031	0.002	398	0	0.007	0.003	4.5	0.4

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Silica (as SiO ₂) mg/L (00955)		Samarium (Sm) µg/L (82323)		Strontium (Sr) µg/L (01080)		Terbium (Tb) µg/L (50586)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3:00 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	9.2	0.1	0.0013	0.0005	64	1	0.0003	0.0001
10/30/2001	5:15 PM	10	2 of 2	9.1	0.2	0.0013	0.0004	63	0	0.0003	0.0001
02/12/2002	12:00 PM	8	1 of 2	11	1	0.0065	0.0004	49	1	0.0015	0.0000
02/12/2002	12:00 PM	8	2 of 2	10	0	0.0071	0.0007	50	0	0.0014	0.0001
04/22/2002	3:20 PM	10	1 of 2	9.0	0.1	0.0042	0.0009	43	0	0.0007	0.0002
04/22/2002	3:20 PM	10	2 of 2	8.9	0.1	0.0047	0.0010	43	0	0.0009	0.0002
08/06/2002	4:30 PM	10	1 of 2	7.8	0.2	0.0014	0.0007	42	0	<0.0001	0.0001
08/06/2002	4:30 PM	10	2 of 2	7.8	0.1	0.0012	0.0005	43	1	0.0002	0.0001
04/15/2003	10:30 AM	40	1 of 2	9.4	0.2	0.006	0.001	38	1	0.0009	0.0001
04/15/2003	10:30 AM	40	2 of 2	9.6	0.1	0.005	0.001	38	1	0.0007	0.0002
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	11	0	0.0084	0.0005	61	1	0.0014	0.0001
11/01/2001	8:30 AM	70	2 of 2	12	0	0.0092	0.0011	67	0	0.0015	0.0000
02/12/2002	11:00 AM	140	1 of 2	11	0	0.0085	0.0003	46	1	0.0014	0.0002
02/12/2002	11:00 AM	140	2 of 2	11	0	0.0088	0.0008	47	0	0.0019	0.0000
04/22/2002	3:00 PM	140	1 of 2	11	0	0.0095	0.0015	45	0	0.0014	0.0003
04/22/2002	3:00 PM	140	2 of 2	11	0	0.0092	0.0014	45	0	0.0015	0.0001
08/08/2002	12:00 PM	45	1 of 2	8.7	0.1	0.0030	0.0011	40	0	0.0006	0.0002
08/08/2002	12:00 PM	45	2 of 2	8.4	0.2	0.0030	0.0008	39	0	0.0005	0.0002
08/08/2002	1:30 PM	113	1 of 2	11	0	0.0023	0.0006	46	0	0.0006	0.0001
08/08/2002	1:30 PM	113	2 of 2	11	0	0.0022	0.0007	47	0	0.0005	0.0001
11/04/2002	3:50 PM	10	1 of 2	11	0	0.0036	0.0017	56	0	0.0007	0.0001
11/04/2002	3:50 PM	10	2 of 2	11	0	0.0037	0.0009	56	0	0.0007	0.0001
11/04/2002	3:20 PM	55	1 of 2	10	0	0.0025	0.0007	54	0	0.0004	0.0002
11/04/2002	3:20 PM	55	2 of 2	10	0	0.0035	0.0009	53	3	0.0005	0.0000
01/29/2003	2:30 PM	10	1 of 2	10.0	0.0	0.011	0.000	40	0	0.0020	0.0001
01/29/2003	2:30 PM	10	2 of 2	10	0	0.010	0.000	40	1	0.0019	0.0000
01/28/2003	4:40 PM	140	1 of 2	9.9	0.1	0.010	0.001	37	0	0.0016	0.0003
01/28/2003	4:40 PM	140	2 of 2	9.8	0.1	0.0092	0.0009	37	0	0.0017	0.0002
04/16/2003	4:00 PM	150	1 of 2	9.8	0.1	0.007	0.001	38	0	0.0010	0.0001
04/16/2003	4:00 PM	150	2 of 2	10	0	0.007	0.002	39	2	0.0010	0.0001
08/05/2003	12:30 PM	1	1 of 2	8.6	0.3	0.0012	0.0007	41	1	0.0001	0.0000
08/05/2003	12:30 PM	1	2 of 2	8.8	0.0	0.0010	0.0009	41	0	0.0002	0.0001
08/05/2003	3:30 PM	73	1 of 2	11	0	0.0035	0.0006	42	1	0.0006	0.0001
08/05/2003	3:30 PM	73	2 of 2	11	0	0.0047	0.0005	42	0	0.0007	0.0001
08/05/2003	1:00 PM	120	1 of 2	12	0	0.0048	0.0009	46	0	0.0007	0.0000
08/05/2003	1:00 PM	120	2 of 2	11	0	0.0040	0.0012	46	0	0.0008	0.0000

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Silica		Samarium		Strontium		Terbium	
				(as SiO ₂)		(Sm)		(Sr)		(Tb)	
				mg/L		µg/L		µg/L		µg/L	
				(00955)		(82323)		(01080)		(50586)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	9.6	0.1	0.0015	0.0007	65	1	0.0002	0.0001
10/29/2001	4:15 PM	6	2 of 2	9.3	0.2	0.0011	0.0005	65	1	0.0002	0.0000
02/12/2002	1:30 PM	60	1 of 2	10	0	0.0076	0.0003	48	0	0.0014	0.0002
02/12/2002	1:30 PM	60	2 of 2	11	0	0.0075	0.0009	49	0	0.0015	0.0000
04/22/2002	1:50 PM	10	1 of 2	9.0	0.2	0.0049	0.0015	43	0	0.0008	0.0002
04/22/2002	1:50 PM	10	2 of 2	9.0	0.1	0.0052	0.0011	43	0	0.0008	0.0002
04/15/2003	12:40 PM	32	1 of 2	9.6	0.2	0.005	0.001	41	0	0.0007	0.0001
04/15/2003	12:40 PM	32	2 of 2	9.4	0.1	0.004	0.001	40	1	0.0008	0.0001
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	9.4	0.2	0.0052	0.0005	65	1	0.0009	0.0002
10/29/2001	2:45 PM	50	2 of 2	8.8	0.3	0.0069	0.0011	61	1	0.0009	0.0001
02/13/2002	8:30 AM	120	1 of 2	10	0	0.010	0.000	46	1	0.0015	0.0000
02/13/2002	8:30 AM	120	2 of 2	9.8	0.2	0.0086	0.0002	47	0	0.0017	0.0001
04/22/2002	12:20 PM	120	1 of 2	11	0	0.0100	0.0021	44	0	0.0016	0.0001
04/22/2002	12:20 PM	120	2 of 2	11	0	0.0096	0.0015	45	0	0.0015	0.0000
08/07/2002	12:10 PM	10	1 of 2	7.9	0.1	0.0010	0.0008	43	0	0.0003	0.0001
08/07/2002	12:10 PM	10	2 of 2	7.9	0.1	<0.001	0.0002	43	1	0.0002	0.0002
08/07/2002	12:40 PM	47	1 of 2	8.9	0.1	0.0027	0.0001	41	1	0.0006	0.0001
08/07/2002	12:40 PM	47	2 of 2	8.9	0.1	0.0028	0.0011	41	1	0.0005	0.0003
08/08/2002	2:50 PM	80	1 of 2	11	0	0.0027	0.0007	47	1	0.0007	0.0001
08/08/2002	2:50 PM	80	2 of 2	11	0	0.0045	0.0004	47	0	0.0007	0.0001
11/05/2002	2:30 PM	10	1 of 2	9.8	0.1	0.0032	0.0003	55	3	0.0005	0.0002
11/05/2002	2:30 PM	10	2 of 2	9.7	0.1	0.0029	0.0012	54	1	0.0004	0.0001
11/05/2002	2:10 PM	30	1 of 2	9.8	0.1	0.0049	0.0001	58	2	0.0007	0.0001
11/05/2002	2:10 PM	30	2 of 2	9.8	0.2	0.0033	0.0004	59	1	0.0009	0.0003
01/29/2003	2:00 PM	10	1 of 2	10	0	0.010	0.001	39	1	0.0019	0.0001
01/29/2003	2:00 PM	10	2 of 2	10	0	0.010	0.000	39	1	0.0019	0.0002
01/28/2003	3:30 PM	120	1 of 2	9.7	0.1	0.0096	0.0013	37	1	0.0018	0.0002
01/28/2003	3:30 PM	120	2 of 2	9.7	0.0	0.011	0.000	37	1	0.0018	0.0002
04/17/2003	10:30 AM	125	1 of 2	10	0	0.006	0.001	40	1	0.0010	0.0003
04/17/2003	10:30 AM	125	2 of 2	10	0	0.006	0.001	39	1	0.0009	0.0001
08/07/2003	11:30 AM	1	1 of 2	8.6	0.2	0.0009	0.0002	41	0	0.0002	0.0001
08/07/2003	11:30 AM	1	2 of 2	8.5	0.1	0.0011	0.0006	41	0	0.0003	0.0001
08/07/2003	11:50 AM	100	1 of 2	12	0	0.0038	0.0010	46	0	0.0008	0.0000
08/07/2003	11:50 AM	100	2 of 2	12	1	0.0043	0.0002	46	0	0.0008	0.0001

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Silica (as SiO ₂) mg/L (00955)		Samarium (Sm) µg/L (82323)		Strontium (Sr) µg/L (01080)		Terbium (Tb) µg/L (50586)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)											
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	9.7	0.1	0.0033	0.0005	63	1	0.0005	0.0000
10/31/2001	10:15 AM	12	2 of 2	9.2	0.6	0.0036	0.0005	63	0	0.0006	0.0001
02/13/2002	9:00 AM	80	1 of 2	8.9	0.5	0.0068	0.0004	46	0	0.0013	0.0001
02/13/2002	9:00 AM	80	2 of 2	9.0	0.6	0.0070	0.0008	46	0	0.0013	0.0002
04/22/2002	10:40 AM	80	1 of 2	11	0	0.0091	0.0013	43	1	0.0013	0.0003
04/22/2002	10:40 AM	80	2 of 2	11	0	0.0078	0.0014	43	0	0.0016	0.0003
08/06/2002	5:50 PM	10	1 of 2	8.0	0.4	0.0010	0.0007	43	0	0.0004	0.0001
08/06/2002	5:50 PM	10	2 of 2	8.2	0.1	0.0012	0.0008	43	1	0.0002	0.0001
08/06/2002	6:20 PM	55	1 of 2	9.3	0.1	0.0025	0.0009	45	0	0.0004	0.0000
08/06/2002	6:20 PM	55	2 of 2	9.4	0.2	0.0032	0.0004	45	0	0.0006	0.0001
11/05/2002	4:10 PM	7	1 of 2	9.8	0.2	0.0033	0.0010	62	2	0.0005	0.0001
11/05/2002	4:10 PM	7	2 of 2	9.9	0.1	0.0027	0.0016	59	1	0.0007	0.0001
01/29/2003	1:20 PM	10	1 of 2	9.7	0.0	0.011	0.001	37	0	0.0018	0.0002
01/29/2003	1:20 PM	10	2 of 2	9.7	0.1	0.011	0.001	38	1	0.0017	0.0001
01/28/2003	2:50 PM	85	1 of 2	9.7	0.0	0.011	0.001	38	0	0.0018	0.0002
01/28/2003	2:50 PM	85	2 of 2	9.8	0.1	0.0093	0.0005	37	0	0.0017	0.0001
04/17/2003	11:30 AM	90	1 of 2	9.9	0.2	0.010	0.001	40	0	0.0015	0.0000
04/17/2003	11:30 AM	90	2 of 2	10	0	0.009	0.001	40	0	0.0014	0.0001
08/07/2003	10:00 AM	1	1 of 2	9.0	0.3	0.0015	0.0004	42	0	0.0003	0.0001
08/07/2003	10:00 AM	1	2 of 2	9.1	0.1	0.0015	0.0003	43	0	0.0002	0.0001
08/06/2003	3:00 PM	100	1 of 2	11	0	0.0062	0.0020	48	0	0.0009	0.0002
08/06/2003	3:00 PM	100	2 of 2	11	0	0.0055	0.0006	47	0	0.0008	0.0001
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	9.1	0.3	0.0039	0.0019	61	1	0.0004	0.0001
10/31/2001	1:00 PM	4	2 of 2	9.4	0.1	0.0024	0.0010	65	0	0.0004	0.0000
02/13/2002	1:00 PM	20	1 of 2	11	1	0.0084	0.0002	48	0	0.0016	0.0000
02/13/2002	1:00 PM	20	2 of 2	11	0	0.0087	0.0009	49	0	0.0018	0.0001
04/23/2002	12:10 PM	20	1 of 2	8.9	0.1	0.0045	0.0001	43	0	0.0007	0.0001
04/23/2002	12:10 PM	20	2 of 2	8.9	0.1	0.0045	0.0011	43	0	0.0008	0.0001
08/07/2002	6:50 PM	57	1 of 2	9.3	0.1	0.0048	0.0006	44	1	0.0007	0.0000
08/07/2002	6:50 PM	57	2 of 2	9.0	0.3	0.0052	0.0005	44	1	0.0008	0.0002
01/30/2003	3:30 PM	55	1 of 2	10	0	0.010	0.001	38	0	0.0023	0.0002
01/30/2003	3:30 PM	55	2 of 2	10	0	0.013	0.001	39	0	0.0022	0.0002
04/17/2003	2:30 PM	55	1 of 2	10.0	0.3	0.011	0.001	41	0	0.0017	0.0001
04/17/2003	2:30 PM	55	2 of 2	9.9	0.2	0.010	0.001	42	2	0.0018	0.0001
08/07/2003	4:00 PM	1	1 of 2	8.9	0.1	0.0021	0.0002	41	0	0.0005	0.0000
08/07/2003	4:00 PM	1	2 of 2	8.9	0.2	0.0024	0.0008	42	1	0.0004	0.0000

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Silica		Samarium		Strontium		Terbium	
				(as SiO ₂)		(Sm)		(Sr)		(Tb)	
				mg/L		µg/L		µg/L		µg/L	
				(00955)		(82323)		(01080)		(50586)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	7.9	0.0	0.0013	0.0008	42	1	0.0002	0.0000
08/07/2002	3:40 PM	10	2 of 2	7.9	0.0	0.0010	0.0005	42	1	<0.0001	0.0000
04/17/2003	1:20 PM	80	1 of 2	10	0	0.007	0.001	41	1	0.0012	0.0002
04/17/2003	1:20 PM	80	2 of 2	10	0	0.006	0.001	43	0	0.0010	0.0002
08/07/2003	1:00 PM	1	1 of 2	8.6	0.1	0.0020	0.0003	40	0	0.0002	0.0001
08/07/2003	1:00 PM	1	2 of 2	8.4	0.1	0.0012	0.0005	41	1	0.0002	0.0001
08/07/2003	1:30 PM	40	1 of 2	9.9	0.4	0.0029	0.0006	38	0	0.0006	0.0001
08/07/2003	1:30 PM	40	2 of 2	9.6	0.4	0.0026	0.0007	39	0	0.0006	0.0001
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	51	0	4.2	0.1	130	0	0.86	0.00
10/31/2001	2:15 PM	1	2 of 2	52	1	4.2	0.0	130	0	0.90	0.01
02/13/2002	3:10 PM	10	1 of 2	11	0	0.0086	0.0007	48	0	0.0017	0.0003
02/13/2002	3:10 PM	10	2 of 2	11	0	0.0081	0.0010	47	1	0.0016	0.0001
02/13/2002	3:30 PM	35	1 of 1	11	0	0.012	0.002	46	1	0.0024	0.0004
04/24/2002	11:10 AM	30	1 of 2	11	0	0.0091	0.0011	42	0	0.0016	0.0001
04/24/2002	11:10 AM	30	2 of 2	11	0	0.0090	0.0007	41	0	0.0017	0.0001
08/07/2002	5:00 PM	1	1 of 2	22	1	0.42	0.01	63	1	0.10	0.00
08/07/2002	5:00 PM	1	2 of 2	23	0	0.42	0.00	63	0	0.10	0.00
11/05/2002	2:50 PM	0	1 of 2	46	1	2.4	0.0	101	1	0.53	0.01
11/05/2002	2:50 PM	0	2 of 2	46	0	2.4	0.0	100	1	0.52	0.00
01/30/2003	12:30 PM	10	1 of 2	10	0	0.011	0.001	40	1	0.0018	0.0002
01/30/2003	12:30 PM	10	2 of 2	10	0	0.0096	0.0005	40	1	0.0019	0.0001
01/30/2003	1:20 PM	38	1 of 2	16	0	0.36	0.00	52	0	0.088	0.000
01/30/2003	1:20 PM	38	2 of 2	15	0	0.36	0.00	52	1	0.086	0.000
04/17/2003	4:00 PM	40	1 of 2	19	0	0.55	0.01	48	1	0.14	0.00
04/17/2003	4:00 PM	40	2 of 2	19	0	0.56	0.01	48	1	0.14	0.00
08/07/2003	4:30 PM	1	1 of 2	15	0	0.011	0.001	46	0	0.0028	0.0000
08/07/2003	4:30 PM	1	2 of 2	15	0	0.015	0.001	46	2	0.0028	0.0001
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1 of 1	22	0	1.5	0.0	92	0	0.37	0.00
02/13/2002	2:20 PM	52	1 of 2	11	0	0.015	0.001	47	0	0.0031	0.0001
02/13/2002	2:20 PM	52	2 of 2	11	0	0.015	0.000	47	0	0.0028	0.0002
04/23/2002	1:10 PM	20	1 of 2	9.0	0.0	0.0052	0.0012	43	1	0.0007	0.0002
04/23/2002	1:10 PM	20	2 of 2	9.0	0.0	0.0055	0.0012	43	1	0.0008	0.0001
11/05/2002	2:00 PM	1	1 of 2	49	1	7.6	0.0	160	3	2.2	0.0
11/05/2002	2:00 PM	1	2 of 2	49	1	7.7	0.4	166	3	2.2	0.1

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Tellurium (Te) µg/L (50585)		Thorium (Th) µg/L (82365)		Thallium (Tl) µg/L (01057)		Thulium (Tm) µg/L ??	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3:00 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	<0.005	0.003	<0.001	0.001	0.002	0.001	0.0004	0.0001
10/30/2001	5:15 PM	10	2 of 2	<0.005	0.003	<0.001	0.003	0.002	0.001	0.0003	0.0001
02/12/2002	12:00 PM	8	1 of 2	<0.008	0.003	0.0056	0.0042	0.0079	0.0069	0.0011	0.0002
02/12/2002	12:00 PM	8	2 of 2	<0.008	0.002	0.0012	0.0001	0.0027	0.0005	0.0011	0.0001
04/22/2002	3:20 PM	10	1 of 2	<0.004	0.001	0.0017	0.0020	0.003	0.002	0.0005	0.0002
04/22/2002	3:20 PM	10	2 of 2	<0.004	0.003	0.0018	0.0013	0.002	0.001	0.0005	0.0001
08/06/2002	4:30 PM	10	1 of 2	<0.006	0.003	<0.001	0.000	<0.003	0.000	0.0002	0.0001
08/06/2002	4:30 PM	10	2 of 2	<0.006	0.004	0.007	0.006	0.005	0.003	0.0003	0.0001
04/15/2003	10:30 AM	40	1 of 2	<0.007	0.002	0.0015	0.0002	0.023	0.025	0.0005	0.0000
04/15/2003	10:30 AM	40	2 of 2	<0.007	0.001	0.0007	0.0001	0.009	0.006	0.0006	0.0002
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	<0.005	0.001	0.002	0.001	<0.002	0.003	0.0011	0.0000
11/01/2001	8:30 AM	70	2 of 2	0.006	0.004	0.003	0.001	<0.002	0.002	0.0011	0.0002
02/12/2002	11:00 AM	140	1 of 2	<0.008	0.003	0.0033	0.0015	0.0069	0.0027	0.0010	0.0001
02/12/2002	11:00 AM	140	2 of 2	<0.008	0.003	0.0026	0.0008	0.0045	0.0013	0.0010	0.0000
04/22/2002	3:00 PM	140	1 of 2	<0.004	0.000	0.0033	0.0006	0.002	0.000	0.0010	0.0001
04/22/2002	3:00 PM	140	2 of 2	<0.004	0.004	0.0027	0.0012	0.002	0.001	0.0010	0.0001
08/08/2002	12:00 PM	45	1 of 2	<0.006	0.002	0.001	0.001	0.005	0.002	0.0005	0.0001
08/08/2002	12:00 PM	45	2 of 2	<0.006	0.003	0.002	0.002	0.006	0.003	0.0003	0.0001
08/08/2002	1:30 PM	113	1 of 2	0.007	0.000	0.002	0.001	0.008	0.006	0.0005	0.0001
08/08/2002	1:30 PM	113	2 of 2	0.006	0.002	0.003	0.003	0.009	0.006	0.0006	0.0000
11/04/2002	3:50 PM	10	1 of 2	<0.01	0.00	0.0053	0.0029	0.010	0.001	0.0006	0.0001
11/04/2002	3:50 PM	10	2 of 2	<0.01	0.00	0.0033	0.0036	0.006	0.001	0.0005	0.0001
11/04/2002	3:20 PM	55	1 of 2	<0.01	0.00	0.0015	0.0016	0.007	0.005	0.0005	0.0001
11/04/2002	3:20 PM	55	2 of 2	<0.01	0.00	0.0067	0.0062	0.018	0.007	0.0003	0.0001
01/29/2003	2:30 PM	10	1 of 2	<0.003	0.002	0.0029	0.0002	0.005	0.002	0.0013	0.0000
01/29/2003	2:30 PM	10	2 of 2	0.006	0.001	0.0029	0.0006	0.004	0.001	0.0014	0.0000
01/28/2003	4:40 PM	140	1 of 2	<0.003	0.002	0.0027	0.0009	0.004	0.000	0.0011	0.0001
01/28/2003	4:40 PM	140	2 of 2	<0.003	0.003	0.0015	0.0000	0.005	0.003	0.0010	0.0001
04/16/2003	4:00 PM	150	1 of 2	<0.007	0.001	0.0009	0.0001	0.007	0.006	0.0008	0.0001
04/16/2003	4:00 PM	150	2 of 2	<0.007	0.004	0.0011	0.0001	0.009	0.006	0.0007	0.0002
08/05/2003	12:30 PM	1	1 of 2	<0.007	0.002	0.0005	0.0002	0.010	0.008	0.0002	0.0000
08/05/2003	12:30 PM	1	2 of 2	<0.007	0.002	0.0007	0.0006	0.006	0.004	0.0003	0.0001
08/05/2003	3:30 PM	73	1 of 2	<0.007	0.004	0.0011	0.0001	0.007	0.006	0.0006	0.0001
08/05/2003	3:30 PM	73	2 of 2	<0.007	0.001	0.0012	0.0002	<0.004	0.000	0.0008	0.0001
08/05/2003	1:00 PM	120	1 of 2	<0.007	0.002	0.0013	0.0003	<0.004	0.003	0.0006	0.0001
08/05/2003	1:00 PM	120	2 of 2	<0.007	0.005	0.0017	0.0001	0.005	0.004	0.0006	0.0001

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Tellurium (Te) µg/L (50585)		Thorium (Th) µg/L (82365)		Thallium (Tl) µg/L (01057)		Thulium (Tm) µg/L ??	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	<0.005	0.001	0.002	0.001	0.002	0.001	0.0004	0.0001
10/29/2001	4:15 PM	6	2 of 2	<0.005	0.002	<0.001	0.000	0.004	0.002	0.0004	0.0000
02/12/2002	1:30 PM	60	1 of 2	<0.008	0.003	0.0032	0.0019	0.0033	0.0015	0.0009	0.0001
02/12/2002	1:30 PM	60	2 of 2	<0.008	0.003	0.0033	0.0016	0.0032	0.0012	0.0010	0.0001
04/22/2002	1:50 PM	10	1 of 2	<0.004	0.000	0.0014	0.0010	0.002	0.001	0.0004	0.0000
04/22/2002	1:50 PM	10	2 of 2	<0.004	0.001	0.0018	0.0014	0.002	0.001	0.0005	0.0001
04/15/2003	12:40 PM	32	1 of 2	<0.007	0.002	0.0011	0.0003	0.005	0.003	0.0005	0.0001
04/15/2003	12:40 PM	32	2 of 2	<0.007	0.003	0.0008	0.0002	0.005	0.002	0.0006	0.0002
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	<0.005	0.002	<0.001	0.000	0.003	0.002	0.0006	0.0000
10/29/2001	2:45 PM	50	2 of 2	<0.005	0.002	<0.001	0.001	0.003	0.003	0.0004	0.0001
02/13/2002	8:30 AM	120	1 of 2	<0.008	0.001	0.0033	0.0015	0.0062	0.0032	0.0012	0.0000
02/13/2002	8:30 AM	120	2 of 2	<0.008	0.003	0.0011	0.0001	0.0037	0.0018	0.0011	0.0000
04/22/2002	12:20 PM	120	1 of 2	<0.004	0.002	0.0023	0.0013	0.003	0.002	0.0010	0.0002
04/22/2002	12:20 PM	120	2 of 2	<0.004	0.004	0.0011	0.0003	0.002	0.001	0.0009	0.0003
08/07/2002	12:10 PM	10	1 of 2	<0.006	0.003	<0.001	0.000	0.005	0.002	0.0002	0.0001
08/07/2002	12:10 PM	10	2 of 2	<0.006	0.005	0.002	0.002	0.005	0.003	0.0003	0.0001
08/07/2002	12:40 PM	47	1 of 2	0.007	0.003	0.001	0.001	0.005	0.001	0.0004	0.0001
08/07/2002	12:40 PM	47	2 of 2	<0.006	0.002	0.002	0.000	0.004	0.002	0.0004	0.0001
08/08/2002	2:50 PM	80	1 of 2	0.008	0.006	<0.001	0.001	0.005	0.004	0.0006	0.0001
08/08/2002	2:50 PM	80	2 of 2	<0.006	0.002	0.003	0.001	0.004	0.001	0.0005	0.0000
11/05/2002	2:30 PM	10	1 of 2	<0.01	0.00	0.0040	0.0037	0.015	0.001	0.0004	0.0001
11/05/2002	2:30 PM	10	2 of 2	<0.01	0.01	0.0017	0.0007	0.008	0.001	0.0003	0.0001
11/05/2002	2:10 PM	30	1 of 2	<0.01	0.01	0.0018	0.0022	0.008	0.007	0.0005	0.0001
11/05/2002	2:10 PM	30	2 of 2	<0.01	0.01	<0.001	0.001	0.007	0.006	0.0005	0.0001
01/29/2003	2:00 PM	10	1 of 2	<0.003	0.004	0.0020	0.0002	0.003	0.001	0.0011	0.0001
01/29/2003	2:00 PM	10	2 of 2	0.005	0.001	0.0021	0.0002	0.002	0.000	0.0012	0.0000
01/28/2003	3:30 PM	120	1 of 2	<0.003	0.003	0.0033	0.0007	0.008	0.005	0.0012	0.0001
01/28/2003	3:30 PM	120	2 of 2	<0.003	0.004	0.0022	0.0001	0.004	0.000	0.0010	0.0002
04/17/2003	10:30 AM	125	1 of 2	<0.007	0.005	0.0013	0.0002	0.008	0.007	0.0006	0.0002
04/17/2003	10:30 AM	125	2 of 2	<0.007	0.003	0.0012	0.0003	0.009	0.007	0.0008	0.0002
08/07/2003	11:30 AM	1	1 of 2	0.007	0.003	0.0006	0.0003	0.006	0.007	0.0002	0.0001
08/07/2003	11:30 AM	1	2 of 2	<0.007	0.000	0.0009	0.0006	0.005	0.001	0.0003	0.0001
08/07/2003	11:50 AM	100	1 of 2	<0.007	0.002	0.0012	0.0004	0.007	0.003	0.0008	0.0001
08/07/2003	11:50 AM	100	2 of 2	0.007	0.004	0.0009	0.0004	0.010	0.008	0.0006	0.0002

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Tellurium (Te)		Thorium (Th)		Thallium (Tl)		Thulium (Tm)	
				µg/L (50585)		µg/L (82365)		µg/L (01057)		µg/L ??	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)											
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	<0.005	0.002	0.002	0.002	0.002	0.000	0.0004	0.0000
10/31/2001	10:15 AM	12	2 of 2	<0.005	0.001	<0.001	0.001	0.002	0.000	0.0004	0.0000
02/13/2002	9:00 AM	80	1 of 2	<0.008	0.002	0.0025	0.0003	0.0043	0.0015	0.0008	0.0001
02/13/2002	9:00 AM	80	2 of 2	<0.008	0.003	0.0022	0.0015	0.0054	0.0033	0.0007	0.0001
04/22/2002	10:40 AM	80	1 of 2	<0.004	0.004	0.0030	0.0018	0.004	0.001	0.0008	0.0001
04/22/2002	10:40 AM	80	2 of 2	<0.004	0.005	0.0041	0.0014	0.004	0.002	0.0009	0.0000
08/06/2002	5:50 PM	10	1 of 2	0.007	0.002	0.002	0.001	0.004	0.002	0.0002	0.0001
08/06/2002	5:50 PM	10	2 of 2	<0.006	0.002	0.002	0.000	<0.003	0.002	0.0003	0.0001
08/06/2002	6:20 PM	55	1 of 2	<0.006	0.004	0.002	0.002	<0.003	0.000	0.0005	0.0000
08/06/2002	6:20 PM	55	2 of 2	0.006	0.001	0.003	0.002	0.004	0.001	0.0005	0.0001
11/05/2002	4:10 PM	7	1 of 2	<0.01	0.00	0.0077	0.0055	0.029	0.029	0.0004	0.0001
11/05/2002	4:10 PM	7	2 of 2	<0.01	0.00	0.0024	0.0002	0.009	0.006	0.0004	0.0002
01/29/2003	1:20 PM	10	1 of 2	<0.003	0.003	0.0018	0.0002	0.004	0.003	0.0011	0.0001
01/29/2003	1:20 PM	10	2 of 2	<0.003	0.002	0.0019	0.0006	0.003	0.002	0.0012	0.0000
01/28/2003	2:50 PM	85	1 of 2	<0.003	0.003	0.0027	0.0011	0.005	0.003	0.0012	0.0002
01/28/2003	2:50 PM	85	2 of 2	0.003	0.002	0.0023	0.0009	0.002	0.001	0.0012	0.0001
04/17/2003	11:30 AM	90	1 of 2	<0.007	0.002	0.0014	0.0003	0.005	0.003	0.0009	0.0001
04/17/2003	11:30 AM	90	2 of 2	<0.007	0.001	0.0012	0.0002	0.004	0.002	0.0010	0.0001
08/07/2003	10:00 AM	1	1 of 2	<0.007	0.003	0.0010	0.0005	<0.004	0.002	0.0002	0.0001
08/07/2003	10:00 AM	1	2 of 2	<0.007	0.005	0.0011	0.0009	0.006	0.003	0.0003	0.0000
08/06/2003	3:00 PM	100	1 of 2	<0.007	0.002	0.0012	0.0003	0.011	0.011	0.0005	0.0001
08/06/2003	3:00 PM	100	2 of 2	<0.007	0.004	0.0009	0.0002	0.006	0.005	0.0007	0.0001
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	<0.005	0.003	<0.001	0.002	0.005	0.002	0.0004	0.0000
10/31/2001	1:00 PM	4	2 of 2	<0.005	0.003	0.002	0.002	0.010	0.009	0.0005	0.0001
02/13/2002	1:00 PM	20	1 of 2	<0.008	0.005	0.0032	0.0011	0.0051	0.0023	0.0012	0.0002
02/13/2002	1:00 PM	20	2 of 2	<0.008	0.006	0.0029	0.0010	0.0048	0.0013	0.0013	0.0000
04/23/2002	12:10 PM	20	1 of 2	<0.004	0.003	0.0020	0.0006	<0.002	0.001	0.0005	0.0000
04/23/2002	12:10 PM	20	2 of 2	<0.004	0.001	0.0025	0.0021	0.003	0.001	0.0005	0.0002
08/07/2002	6:50 PM	57	1 of 2	<0.006	0.006	<0.001	0.000	0.005	0.003	0.0006	0.0002
08/07/2002	6:50 PM	57	2 of 2	<0.006	0.004	0.002	0.001	0.008	0.004	0.0007	0.0001
01/30/2003	3:30 PM	55	1 of 2	<0.003	0.005	0.0036	0.0007	0.004	0.000	0.0015	0.0001
01/30/2003	3:30 PM	55	2 of 2	0.004	0.004	0.0034	0.0017	0.005	0.003	0.0015	0.0001
04/17/2003	2:30 PM	55	1 of 2	<0.007	0.002	0.0014	0.0000	0.006	0.001	0.0014	0.0001
04/17/2003	2:30 PM	55	2 of 2	<0.007	0.001	0.0017	0.0006	0.005	0.003	0.0012	0.0001
08/07/2003	4:00 PM	1	1 of 2	<0.007	0.004	0.0009	0.0007	0.011	0.007	0.0004	0.0001
08/07/2003	4:00 PM	1	2 of 2	<0.007	0.004	0.0003	0.0003	0.017	0.000	0.0003	0.0000

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Tellurium (Te) µg/L (50585)		Thorium (Th) µg/L (82365)		Thallium (Tl) µg/L (01057)		Thulium (Tm) µg/L ??	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	<0.006	0.003	0.001	0.001	0.004	0.002	0.0002	0.0001
08/07/2002	3:40 PM	10	2 of 2	<0.006	0.003	0.002	0.000	0.006	0.002	0.0002	0.0001
04/17/2003	1:20 PM	80	1 of 2	<0.007	0.000	0.0012	0.0003	0.004	0.003	0.0008	0.0003
04/17/2003	1:20 PM	80	2 of 2	<0.007	0.005	0.0017	0.0000	0.005	0.001	0.0008	0.0001
08/07/2003	1:00 PM	1	1 of 2	<0.007	0.007	0.0003	0.0000	<0.004	0.004	0.0003	0.0000
08/07/2003	1:00 PM	1	2 of 2	<0.007	0.002	<0.0002	0.0001	0.005	0.007	0.0002	0.0000
08/07/2003	1:30 PM	40	1 of 2	<0.007	0.002	0.0004	0.0003	<0.004	0.003	0.0005	0.0001
08/07/2003	1:30 PM	40	2 of 2	<0.007	0.003	0.0007	0.0002	<0.004	0.001	0.0004	0.0000
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	0.039	0.003	0.16	0.01	0.53	0.00	0.44	0.00
10/31/2001	2:15 PM	1	2 of 2	0.031	0.001	0.17	0.00	0.56	0.00	0.47	0.00
02/13/2002	3:10 PM	10	1 of 2	<0.008	0.000	0.0023	0.0010	0.0044	0.0015	0.0011	0.0000
02/13/2002	3:10 PM	10	2 of 2	<0.008	0.001	0.0035	0.0008	0.0063	0.0028	0.0011	0.0002
02/13/2002	3:30 PM	35	1 of 1	<0.008	0.002	0.0045	0.0011	0.011	0.004	0.0015	0.0002
04/24/2002	11:10 AM	30	1 of 2	<0.004	0.001	0.0016	0.0017	0.006	0.000	0.0010	0.0001
04/24/2002	11:10 AM	30	2 of 2	<0.004	0.000	0.0014	0.0008	0.008	0.002	0.0009	0.0001
08/07/2002	5:00 PM	1	1 of 2	0.012	0.005	0.005	0.001	0.16	0.00	0.059	0.000
08/07/2002	5:00 PM	1	2 of 2	0.019	0.001	0.005	0.001	0.16	0.00	0.058	0.000
11/05/2002	2:50 PM	0	1 of 2	0.03	0.01	0.080	0.028	0.47	0.02	0.28	0.00
11/05/2002	2:50 PM	0	2 of 2	0.04	0.00	0.054	0.006	0.47	0.00	0.27	0.00
01/30/2003	12:30 PM	10	1 of 2	0.004	0.001	0.0023	0.0004	0.006	0.001	0.0011	0.0001
01/30/2003	12:30 PM	10	2 of 2	<0.003	0.002	0.0021	0.0002	0.005	0.003	0.0012	0.0001
01/30/2003	1:20 PM	38	1 of 2	0.030	0.005	0.0025	0.0004	0.084	0.005	0.048	0.000
01/30/2003	1:20 PM	38	2 of 2	0.028	0.002	0.0032	0.0005	0.083	0.003	0.049	0.002
04/17/2003	4:00 PM	40	1 of 2	0.010	0.000	0.0013	0.0002	0.12	0.00	0.075	0.001
04/17/2003	4:00 PM	40	2 of 2	0.021	0.001	0.0011	0.0003	0.12	0.01	0.078	0.000
08/07/2003	4:30 PM	1	1 of 2	0.009	0.002	0.0007	0.0003	0.065	0.000	0.0017	0.0001
08/07/2003	4:30 PM	1	2 of 2	0.010	0.003	0.0004	0.0004	0.069	0.011	0.0017	0.0003
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1 of 1	0.025	0.001	0.026	0.001	0.11	0.00	0.19	0.01
02/13/2002	2:20 PM	52	1 of 2	<0.008	0.003	0.0065	0.0049	0.0052	0.0010	0.0019	0.0001
02/13/2002	2:20 PM	52	2 of 2	<0.008	0.002	0.0062	0.0049	0.0094	0.0055	0.0019	0.0001
04/23/2002	1:10 PM	20	1 of 2	<0.004	0.003	0.0008	0.0004	0.003	0.001	0.0005	0.0002
04/23/2002	1:10 PM	20	2 of 2	<0.004	0.004	0.0009	0.0005	0.003	0.001	0.0005	0.0001
11/05/2002	2:00 PM	1	1 of 2	0.02	0.01	0.081	0.036	0.51	0.01	1.2	0.0
11/05/2002	2:00 PM	1	2 of 2	0.03	0.01	0.086	0.023	0.52	0.03	1.2	0.0

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Uranium (U)		Vanadium (V)		Yttrium (Y)		Ytterbium (Yb)	
				µg/L (22703)		µg/L (01085)		µg/L (01201)		µg/L (01194)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3:00 mile north of dam abutment)											
Station number 390317121185001											
10/30/2001	5:15 PM	10	1 of 2	0.054	0.000	1.2	0.0	0.016	0.001	0.0027	0.0004
10/30/2001	5:15 PM	10	2 of 2	0.054	0.001	1.2	0.0	0.016	0.000	0.0025	0.0002
02/12/2002	12:00 PM	8	1 of 2	0.019	0.001	0.58	0.04	0.064	0.002	0.0065	0.0005
02/12/2002	12:00 PM	8	2 of 2	0.021	0.001	0.59	0.06	0.063	0.001	0.0058	0.0001
04/22/2002	3:20 PM	10	1 of 2	0.019	0.001	0.59	0.01	0.032	0.001	0.0035	0.0002
04/22/2002	3:20 PM	10	2 of 2	0.019	0.000	0.59	0.00	0.033	0.001	0.0030	0.0002
08/06/2002	4:30 PM	10	1 of 2	0.012	0.000	1.5	0.0	0.0097	0.0002	0.0012	0.0001
08/06/2002	4:30 PM	10	2 of 2	0.012	0.000	1.4	0.0	0.010	0.000	0.0016	0.0005
04/15/2003	10:30 AM	40	1 of 2	0.017	0.001	0.45	0.02	0.039	0.001	0.0048	0.0002
04/15/2003	10:30 AM	40	2 of 2	0.016	0.001	0.44	0.04	0.040	0.001	0.0041	0.0002
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)											
Station number 390307121183801											
11/01/2001	8:30 AM	70	1 of 2	0.026	0.001	0.89	0.03	0.065	0.001	0.0073	0.0008
11/01/2001	8:30 AM	70	2 of 2	0.029	0.000	0.94	0.03	0.073	0.001	0.0072	0.0004
02/12/2002	11:00 AM	140	1 of 2	0.019	0.000	0.46	0.04	0.061	0.001	0.0060	0.0000
02/12/2002	11:00 AM	140	2 of 2	0.020	0.001	0.45	0.03	0.063	0.002	0.0064	0.0002
04/22/2002	3:00 PM	140	1 of 2	0.017	0.001	0.51	0.02	0.065	0.002	0.0062	0.0006
04/22/2002	3:00 PM	140	2 of 2	0.015	0.001	0.52	0.02	0.066	0.002	0.0064	0.0005
08/08/2002	12:00 PM	45	1 of 2	0.0067	0.0007	0.7	0.1	0.027	0.002	0.0037	0.0003
08/08/2002	12:00 PM	45	2 of 2	0.0068	0.0010	0.7	0.1	0.026	0.001	0.0025	0.0005
08/08/2002	1:30 PM	113	1 of 2	0.012	0.001	0.2	0.0	0.031	0.000	0.0031	0.0001
08/08/2002	1:30 PM	113	2 of 2	0.012	0.000	0.2	0.0	0.030	0.000	0.0029	0.0002
11/04/2002	3:50 PM	10	1 of 2	0.026	0.000	0.75	0.09	0.033	0.000	0.0038	0.0005
11/04/2002	3:50 PM	10	2 of 2	0.026	0.001	0.73	0.06	0.033	0.001	0.0037	0.0003
11/04/2002	3:20 PM	55	1 of 2	0.028	0.000	0.77	0.00	0.023	0.000	0.0027	0.0004
11/04/2002	3:20 PM	55	2 of 2	0.027	0.001	0.79	0.00	0.023	0.001	0.0032	0.0005
01/29/2003	2:30 PM	10	1 of 2	0.017	0.000	0.53	0.02	0.090	0.001	0.0087	0.0005
01/29/2003	2:30 PM	10	2 of 2	0.017	0.001	0.52	0.01	0.092	0.002	0.0087	0.0000
01/28/2003	4:40 PM	140	1 of 2	0.019	0.000	0.39	0.02	0.075	0.002	0.0072	0.0004
01/28/2003	4:40 PM	140	2 of 2	0.018	0.001	0.39	0.02	0.076	0.001	0.0079	0.0004
04/16/2003	4:00 PM	150	1 of 2	0.016	0.000	0.37	0.03	0.052	0.000	0.0057	0.0002
04/16/2003	4:00 PM	150	2 of 2	0.016	0.000	0.37	0.05	0.052	0.002	0.0055	0.0006
08/05/2003	12:30 PM	1	1 of 2	0.012	0.000	1.5	0.0	0.0075	0.0008	0.0014	0.0002
08/05/2003	12:30 PM	1	2 of 2	0.013	0.000	1.4	0.0	0.0080	0.0002	0.0013	0.0003
08/05/2003	3:30 PM	73	1 of 2	0.011	0.000	0.36	0.00	0.036	0.002	0.0045	0.0002
08/05/2003	3:30 PM	73	2 of 2	0.011	0.000	0.40	0.04	0.037	0.001	0.0051	0.0006
08/05/2003	1:00 PM	120	1 of 2	0.012	0.000	0.25	0.00	0.039	0.001	0.0042	0.0001
08/05/2003	1:00 PM	120	2 of 2	0.013	0.001	0.25	0.01	0.040	0.001	0.0043	0.0007

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Uranium (U)		Vanadium (V)		Yttrium (Y)		Ytterbium (Yb)	
				µg/L (22703)		µg/L (01085)		µg/L (01201)		µg/L (01194)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)											
Station number 390244121171801											
10/29/2001	4:15 PM	6	1 of 2	0.054	0.004	1.2	0.1	0.015	0.001	0.0027	0.0001
10/29/2001	4:15 PM	6	2 of 2	0.055	0.001	1.2	0.1	0.016	0.001	0.0023	0.0003
02/12/2002	1:30 PM	60	1 of 2	0.019	0.000	0.55	0.08	0.061	0.001	0.0068	0.0005
02/12/2002	1:30 PM	60	2 of 2	0.021	0.001	0.57	0.06	0.061	0.000	0.0066	0.0004
04/22/2002	1:50 PM	10	1 of 2	0.019	0.000	0.57	0.01	0.034	0.002	0.0034	0.0004
04/22/2002	1:50 PM	10	2 of 2	0.018	0.000	0.56	0.02	0.036	0.000	0.0034	0.0006
04/15/2003	12:40 PM	32	1 of 2	0.017	0.001	0.48	0.01	0.041	0.001	0.0041	0.0006
04/15/2003	12:40 PM	32	2 of 2	0.016	0.000	0.47	0.01	0.040	0.000	0.0040	0.0006
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)											
Station number 390238121173101											
10/29/2001	2:45 PM	50	1 of 2	0.055	0.000	1.2	0.0	0.040	0.001	0.0049	0.0013
10/29/2001	2:45 PM	50	2 of 2	0.050	0.001	1.1	0.0	0.036	0.002	0.0036	0.0003
02/13/2002	8:30 AM	120	1 of 2	0.020	0.001	0.51	0.04	0.066	0.001	0.0066	0.0004
02/13/2002	8:30 AM	120	2 of 2	0.018	0.001	0.50	0.04	0.066	0.001	0.0071	0.0004
04/22/2002	12:20 PM	120	1 of 2	0.016	0.001	0.49	0.00	0.066	0.001	0.0064	0.0002
04/22/2002	12:20 PM	120	2 of 2	0.015	0.001	0.50	0.01	0.069	0.002	0.0054	0.0002
08/07/2002	12:10 PM	10	1 of 2	0.010	0.000	1.3	0.0	0.012	0.000	0.0014	0.0003
08/07/2002	12:10 PM	10	2 of 2	0.011	0.001	1.3	0.1	0.012	0.000	0.0009	0.0001
08/07/2002	12:40 PM	47	1 of 2	0.0066	0.0006	0.6	0.1	0.028	0.000	0.0035	0.0001
08/07/2002	12:40 PM	47	2 of 2	0.0068	0.0006	0.6	0.0	0.026	0.001	0.0034	0.0001
08/08/2002	2:50 PM	80	1 of 2	0.011	0.000	0.3	0.0	0.034	0.001	0.0038	0.0001
08/08/2002	2:50 PM	80	2 of 2	0.011	0.000	0.3	0.0	0.034	0.000	0.0035	0.0006
11/05/2002	2:30 PM	10	1 of 2	0.034	0.002	0.90	0.06	0.023	0.003	0.0032	0.0003
11/05/2002	2:30 PM	10	2 of 2	0.034	0.001	0.87	0.09	0.023	0.000	0.0028	0.0004
11/05/2002	2:10 PM	30	1 of 2	0.039	0.001	0.94	0.01	0.030	0.002	0.0027	0.0001
11/05/2002	2:10 PM	30	2 of 2	0.039	0.000	0.92	0.01	0.030	0.002	0.0033	0.0001
01/29/2003	2:00 PM	10	1 of 2	0.019	0.001	0.48	0.03	0.082	0.001	0.0071	0.0000
01/29/2003	2:00 PM	10	2 of 2	0.019	0.000	0.48	0.01	0.080	0.001	0.0073	0.0004
01/28/2003	3:30 PM	120	1 of 2	0.019	0.000	0.40	0.00	0.076	0.002	0.0067	0.0002
01/28/2003	3:30 PM	120	2 of 2	0.019	0.000	0.38	0.03	0.081	0.002	0.0076	0.0003
04/17/2003	10:30 AM	125	1 of 2	0.016	0.001	0.37	0.01	0.048	0.001	0.0046	0.0005
04/17/2003	10:30 AM	125	2 of 2	0.016	0.000	0.37	0.02	0.047	0.000	0.0058	0.0006
08/07/2003	11:30 AM	1	1 of 2	0.011	0.000	1.3	0.0	0.010	0.001	0.0013	0.0002
08/07/2003	11:30 AM	1	2 of 2	0.010	0.001	1.3	0.0	0.011	0.001	0.0011	0.0002
08/07/2003	11:50 AM	100	1 of 2	0.012	0.000	0.27	0.00	0.036	0.001	0.0042	0.0002
08/07/2003	11:50 AM	100	2 of 2	0.013	0.000	0.27	0.03	0.035	0.001	0.0043	0.0004

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Uranium (U) µg/L (22703)		Vanadium (V) µg/L (01085)		Yttrium (Y) µg/L (01201)		Ytterbium (Yb) µg/L (01194)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
				Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)							
Station number 390202121162201											
10/31/2001	10:15 AM	12	1 of 2	0.050	0.001	1.1	0.1	0.026	0.001	0.0031	0.0002
10/31/2001	10:15 AM	12	2 of 2	0.050	0.001	1.1	0.1	0.025	0.001	0.0035	0.0002
02/13/2002	9:00 AM	80	1 of 2	0.020	0.001	0.36	0.07	0.052	0.001	0.0053	0.0002
02/13/2002	9:00 AM	80	2 of 2	0.019	0.001	0.42	0.00	0.052	0.001	0.0053	0.0012
04/22/2002	10:40 AM	80	1 of 2	0.016	0.001	0.51	0.03	0.059	0.000	0.0055	0.0002
04/22/2002	10:40 AM	80	2 of 2	0.017	0.001	0.51	0.03	0.060	0.001	0.0066	0.0005
08/06/2002	5:50 PM	10	1 of 2	0.010	0.000	1.3	0.0	0.014	0.001	0.0021	0.0002
08/06/2002	5:50 PM	10	2 of 2	0.012	0.001	1.3	0.0	0.014	0.001	0.0017	0.0001
08/06/2002	6:20 PM	55	1 of 2	0.0083	0.0006	0.5	0.0	0.028	0.000	0.0036	0.0001
08/06/2002	6:20 PM	55	2 of 2	0.0071	0.0004	0.5	0.0	0.027	0.001	0.0028	0.0005
11/05/2002	4:10 PM	7	1 of 2	0.044	0.007	1.2	0.1	0.024	0.002	0.0033	0.0006
11/05/2002	4:10 PM	7	2 of 2	0.040	0.002	1.2	0.0	0.023	0.001	0.0025	0.0005
01/29/2003	1:20 PM	10	1 of 2	0.022	0.001	0.34	0.02	0.074	0.000	0.0069	0.0002
01/29/2003	1:20 PM	10	2 of 2	0.022	0.000	0.34	0.01	0.075	0.001	0.0069	0.0003
01/28/2003	2:50 PM	85	1 of 2	0.019	0.000	0.40	0.02	0.077	0.003	0.0072	0.0003
01/28/2003	2:50 PM	85	2 of 2	0.020	0.001	0.41	0.00	0.077	0.001	0.0075	0.0005
04/17/2003	11:30 AM	90	1 of 2	0.016	0.000	0.47	0.02	0.069	0.000	0.0068	0.0006
04/17/2003	11:30 AM	90	2 of 2	0.015	0.000	0.46	0.03	0.066	0.000	0.0068	0.0004
08/07/2003	10:00 AM	1	1 of 2	0.0099	0.0008	1.2	0.0	0.012	0.001	0.0017	0.0005
08/07/2003	10:00 AM	1	2 of 2	0.0092	0.0003	1.2	0.0	0.013	0.000	0.0017	0.0001
08/06/2003	3:00 PM	100	1 of 2	0.0063	0.0004	0.18	0.02	0.037	0.002	0.0046	0.0006
08/06/2003	3:00 PM	100	2 of 2	0.0059	0.0005	0.17	0.00	0.036	0.001	0.0039	0.0001
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)											
Station number 390159121171401											
10/31/2001	1:00 PM	4	1 of 2	0.052	0.001	0.97	0.08	0.027	0.006	0.0033	0.0001
10/31/2001	1:00 PM	4	2 of 2	0.057	0.002	1.0	0.1	0.022	0.002	0.0035	0.0003
02/13/2002	1:00 PM	20	1 of 2	0.020	0.000	0.56	0.03	0.073	0.000	0.0074	0.0010
02/13/2002	1:00 PM	20	2 of 2	0.019	0.001	0.58	0.03	0.073	0.001	0.0069	0.0002
04/23/2002	12:10 PM	20	1 of 2	0.018	0.002	0.56	0.03	0.036	0.002	0.0035	0.0004
04/23/2002	12:10 PM	20	2 of 2	0.018	0.001	0.58	0.03	0.036	0.000	0.0037	0.0004
08/07/2002	6:50 PM	57	1 of 2	0.0081	0.0002	0.7	0.1	0.038	0.001	0.0036	0.0004
08/07/2002	6:50 PM	57	2 of 2	0.0087	0.0012	0.7	0.1	0.040	0.001	0.0043	0.0001
01/30/2003	3:30 PM	55	1 of 2	0.018	0.000	0.41	0.00	0.093	0.002	0.0090	0.0009
01/30/2003	3:30 PM	55	2 of 2	0.018	0.000	0.41	0.03	0.096	0.001	0.0092	0.0005
04/17/2003	2:30 PM	55	1 of 2	0.018	0.001	0.41	0.01	0.081	0.000	0.0077	0.0004
04/17/2003	2:30 PM	55	2 of 2	0.017	0.001	0.41	0.01	0.087	0.000	0.0082	0.0001
08/07/2003	4:00 PM	1	1 of 2	0.010	0.001	1.1	0.0	0.022	0.001	0.0024	0.0004
08/07/2003	4:00 PM	1	2 of 2	0.011	0.000	1.1	0.0	0.022	0.002	0.0024	0.0002

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. — Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Uranium (U)		Vanadium (V)		Yttrium (Y)		Ytterbium (Yb)	
				µg/L (22703)		µg/L (01085)		µg/L (01201)		µg/L (01194)	
				Avg	s.d.	Avg	s.d.	Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)											
Station number 390331121174101											
08/07/2002	3:40 PM	10	1 of 2	0.0092	0.0008	1.4	0.1	0.013	0.000	0.0018	0.0006
08/07/2002	3:40 PM	10	2 of 2	0.0094	0.0009	1.4	0.1	0.012	0.000	0.0015	0.0003
04/17/2003	1:20 PM	80	1 of 2	0.016	0.000	0.44	0.02	0.052	0.000	0.0063	0.0005
04/17/2003	1:20 PM	80	2 of 2	0.016	0.001	0.47	0.00	0.053	0.002	0.0063	0.0004
08/07/2003	1:00 PM	1	1 of 2	0.0094	0.0005	1.5	0.0	0.0093	0.0009	0.0015	0.0002
08/07/2003	1:00 PM	1	2 of 2	0.0094	0.0005	1.5	0.0	0.0094	0.0002	0.0014	0.0003
08/07/2003	1:30 PM	40	1 of 2	0.0055	0.0004	0.73	0.01	0.021	0.001	0.0021	0.0005
08/07/2003	1:30 PM	40	2 of 2	0.0053	0.0003	0.74	0.01	0.020	0.001	0.0026	0.0003
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)											
Station number 390148121171701											
10/31/2001	2:15 PM	1	1 of 2	0.48	0.01	0.32	0.07	34	0	2.6	0.0
10/31/2001	2:15 PM	1	2 of 2	0.50	0.01	0.29	0.05	34	0	2.8	0.0
02/13/2002	3:10 PM	10	1 of 2	0.019	0.001	0.49	0.07	0.073	0.001	0.0071	0.0002
02/13/2002	3:10 PM	10	2 of 2	0.019	0.001	0.50	0.06	0.073	0.001	0.0081	0.0004
02/13/2002	3:30 PM	35	1 of 1	0.024	0.001	0.26	0.05	0.12	0.00	0.011	0.000
04/24/2002	11:10 AM	30	1 of 2	0.015	0.001	0.35	0.02	0.072	0.000	0.0079	0.0005
04/24/2002	11:10 AM	30	2 of 2	0.014	0.001	0.35	0.02	0.070	0.003	0.0067	0.0007
08/07/2002	5:00 PM	1	1 of 2	0.052	0.002	<0.1	0.1	4.5	0.1	0.35	0.01
08/07/2002	5:00 PM	1	2 of 2	0.049	0.002	<0.1	0.1	4.5	0.0	0.35	0.01
11/05/2002	2:50 PM	0	1 of 2	0.31	0.01	0.07	0.01	20	0	1.7	0.0
11/05/2002	2:50 PM	0	2 of 2	0.31	0.00	0.06	0.02	19	0	1.7	0.0
01/30/2003	12:30 PM	10	1 of 2	0.019	0.000	0.52	0.03	0.084	0.002	0.0086	0.0001
01/30/2003	12:30 PM	10	2 of 2	0.018	0.001	0.50	0.00	0.083	0.004	0.0078	0.0005
01/30/2003	1:20 PM	38	1 of 2	0.064	0.001	0.04	0.02	3.6	0.0	0.29	0.00
01/30/2003	1:20 PM	38	2 of 2	0.065	0.001	0.04	0.02	3.7	0.0	0.28	0.00
04/17/2003	4:00 PM	40	1 of 2	0.11	0.00	<0.02	0.01	5.1	0.0	0.44	0.01
04/17/2003	4:00 PM	40	2 of 2	0.11	0.00	<0.02	0.02	5.3	0.0	0.45	0.01
08/07/2003	4:30 PM	1	1 of 2	0.0071	0.0011	0.09	0.01	0.18	0.00	0.011	0.000
08/07/2003	4:30 PM	1	2 of 2	0.0076	0.0022	0.10	0.03	0.18	0.00	0.011	0.001
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)											
Station number 390152121171001											
10/31/2001	2:40 PM	1	1 of 1	0.15	0.00	0.10	0.08	18	0	1.1	0.0
02/13/2002	2:20 PM	52	1 of 2	0.014	0.000	0.26	0.06	0.13	0.00	0.012	0.001
02/13/2002	2:20 PM	52	2 of 2	0.014	0.001	0.28	0.07	0.14	0.00	0.011	0.001
04/23/2002	1:10 PM	20	1 of 2	0.018	0.001	0.56	0.01	0.034	0.001	0.0034	0.0006
04/23/2002	1:10 PM	20	2 of 2	0.019	0.000	0.56	0.03	0.034	0.001	0.0036	0.0004
11/05/2002	2:00 PM	1	1 of 2	0.44	0.00	<0.04	0.05	91	2	6.9	0.0
11/05/2002	2:00 PM	1	2 of 2	0.46	0.01	0.06	0.09	94	3	7.1	0.1

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. —Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Zinc (Zn)		Zirconium (Zr)	
				µg/L (01090)		µg/L (01160)	
				Avg	s.d.	Avg	s.d.
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3:00 mile north of dam abutment)							
Station number 390317121185001							
10/30/2001	5:15 PM	10	1 of 2	0.94	0.09	0.0080	0.0033
10/30/2001	5:15 PM	10	2 of 2	1.3	0.0	0.0068	0.0035
02/12/2002	12:00 PM	8	1 of 2	6.1	0.1	0.055	0.000
02/12/2002	12:00 PM	8	2 of 2	5.2	0.0	0.022	0.002
04/22/2002	3:20 PM	10	1 of 2	2.0	0.0	0.0068	0.0005
04/22/2002	3:20 PM	10	2 of 2	1.7	0.0	0.0082	0.0021
08/06/2002	4:30 PM	10	1 of 2	0.70	0.07	0.0050	0.0026
08/06/2002	4:30 PM	10	2 of 2	0.72	0.09	0.016	0.004
04/15/2003	10:30 AM	40	1 of 2	1.9	0.0	0.011	0.001
04/15/2003	10:30 AM	40	2 of 2	1.9	0.0	0.012	0.001
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)							
Station number 390307121183801							
11/01/2001	8:30 AM	70	1 of 2	2.7	0.0	0.015	0.002
11/01/2001	8:30 AM	70	2 of 2	1.9	0.0	0.018	0.004
02/12/2002	11:00 AM	140	1 of 2	2.7	0.0	0.028	0.004
02/12/2002	11:00 AM	140	2 of 2	2.8	0.0	0.024	0.003
04/22/2002	3:00 PM	140	1 of 2	2.0	0.0	0.015	0.003
04/22/2002	3:00 PM	140	2 of 2	1.9	0.0	0.016	0.002
08/08/2002	12:00 PM	45	1 of 2	4.4	0.1	0.0077	0.0025
08/08/2002	12:00 PM	45	2 of 2	4.3	0.2	0.0065	0.0032
08/08/2002	1:30 PM	113	1 of 2	1.0	0.1	0.017	0.009
08/08/2002	1:30 PM	113	2 of 2	0.95	0.06	0.010	0.002
11/04/2002	3:50 PM	10	1 of 2	1.9	0.0	0.014	0.010
11/04/2002	3:50 PM	10	2 of 2	6.6	6.4	0.0075	0.0030
11/04/2002	3:20 PM	55	1 of 2	2.6	0.7	0.0054	0.0047
11/04/2002	3:20 PM	55	2 of 2	2.4	0.3	0.025	0.025
01/29/2003	2:30 PM	10	1 of 2	1.5	0.0	0.020	0.001
01/29/2003	2:30 PM	10	2 of 2	1.5	0.1	0.021	0.003
01/28/2003	4:40 PM	140	1 of 2	1.2	0.0	0.017	0.002
01/28/2003	4:40 PM	140	2 of 2	1.5	0.1	0.016	0.002
04/16/2003	4:00 PM	150	1 of 2	2.1	0.1	0.014	0.001
04/16/2003	4:00 PM	150	2 of 2	2.2	0.1	0.014	0.001
08/05/2003	12:30 PM	1	1 of 2	0.29	0.04	0.011	0.002
08/05/2003	12:30 PM	1	2 of 2	0.28	0.01	0.002	0.001
08/05/2003	3:30 PM	73	1 of 2	2.2	0.0	0.009	0.001
08/05/2003	3:30 PM	73	2 of 2	2.2	0.1	0.010	0.003
08/05/2003	1:00 PM	120	1 of 2	1.4	0.1	0.010	0.001
08/05/2003	1:00 PM	120	2 of 2	1.5	0.1	0.012	0.002

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. —Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Zinc (Zn)		Zirconium (Zr)	
				µg/L (01090)		µg/L (01160)	
				Avg	s.d.	Avg	s.d.
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)							
Station number 390244121171801							
10/29/2001	4:15 PM	6	1 of 2	0.59	0.06	0.0095	0.0004
10/29/2001	4:15 PM	6	2 of 2	0.64	0.09	0.0085	0.0067
02/12/2002	1:30 PM	60	1 of 2	3.0	0.1	0.026	0.006
02/12/2002	1:30 PM	60	2 of 2	3.0	0.0	0.023	0.004
04/22/2002	1:50 PM	10	1 of 2	1.3	0.0	0.0090	0.0022
04/22/2002	1:50 PM	10	2 of 2	1.4	0.1	0.011	0.003
04/15/2003	12:40 PM	32	1 of 2	2.0	0.1	0.012	0.002
04/15/2003	12:40 PM	32	2 of 2	2.7	0.1	0.012	0.002
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)							
Station number 390238121173101							
10/29/2001	2:45 PM	50	1 of 2	1.8	0.1	0.0048	0.0013
10/29/2001	2:45 PM	50	2 of 2	1.7	0.0	0.0065	0.0008
02/13/2002	8:30 AM	120	1 of 2	5.3	0.1	0.020	0.003
02/13/2002	8:30 AM	120	2 of 2	5.2	0.1	0.020	0.001
04/22/2002	12:20 PM	120	1 of 2	3.7	0.1	0.016	0.001
04/22/2002	12:20 PM	120	2 of 2	3.7	0.0	0.012	0.002
08/07/2002	12:10 PM	10	1 of 2	0.86	0.11	0.0041	0.0011
08/07/2002	12:10 PM	10	2 of 2	0.96	0.18	0.0059	0.0028
08/07/2002	12:40 PM	47	1 of 2	7.7	0.2	0.0043	0.0022
08/07/2002	12:40 PM	47	2 of 2	7.6	0.0	0.0064	0.0017
08/08/2002	2:50 PM	80	1 of 2	1.4	0.1	0.012	0.002
08/08/2002	2:50 PM	80	2 of 2	1.5	0.0	0.012	0.002
11/05/2002	2:30 PM	10	1 of 2	2.1	0.5	0.0063	0.0004
11/05/2002	2:30 PM	10	2 of 2	2.4	0.7	0.0056	0.0022
11/05/2002	2:10 PM	30	1 of 2	4.5	0.1	0.030	0.036
11/05/2002	2:10 PM	30	2 of 2	5.6	1.8	0.0056	0.0013
01/29/2003	2:00 PM	10	1 of 2	1.5	0.0	0.017	0.003
01/29/2003	2:00 PM	10	2 of 2	1.4	0.0	0.017	0.002
01/28/2003	3:30 PM	120	1 of 2	1.7	0.0	0.017	0.001
01/28/2003	3:30 PM	120	2 of 2	1.7	0.1	0.016	0.001
04/17/2003	10:30 AM	125	1 of 2	2.1	0.0	0.015	0.003
04/17/2003	10:30 AM	125	2 of 2	2.1	0.1	0.011	0.002
08/07/2003	11:30 AM	1	1 of 2	0.83	0.06	0.003	0.002
08/07/2003	11:30 AM	1	2 of 2	0.67	0.14	0.003	0.001
08/07/2003	11:50 AM	100	1 of 2	2.4	0.0	0.009	0.001
08/07/2003	11:50 AM	100	2 of 2	2.3	0.0	0.008	0.001

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. —Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Zinc (Zn)		Zirconium (Zr)	
				µg/L (01090)		µg/L (01160)	
				Avg	s.d.	Avg	s.d.
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)							
Station number 390202121162201							
10/31/2001	10:15 AM	12	1 of 2	0.51	0.08	0.0062	0.0029
10/31/2001	10:15 AM	12	2 of 2	0.59	0.01	0.0046	0.0015
02/13/2002	9:00 AM	80	1 of 2	2.1	0.1	0.020	0.002
02/13/2002	9:00 AM	80	2 of 2	2.0	0.1	0.020	0.008
04/22/2002	10:40 AM	80	1 of 2	3.3	0.1	0.010	0.001
04/22/2002	10:40 AM	80	2 of 2	3.4	0.1	0.014	0.001
08/06/2002	5:50 PM	10	1 of 2	0.90	0.09	0.0051	0.0008
08/06/2002	5:50 PM	10	2 of 2	1.4	0.3	0.013	0.003
08/06/2002	6:20 PM	55	1 of 2	2.6	0.0	0.0073	0.0029
08/06/2002	6:20 PM	55	2 of 2	2.9	0.1	0.0062	0.0026
11/05/2002	4:10 PM	7	1 of 2	2.1	0.1	0.015	0.002
11/05/2002	4:10 PM	7	2 of 2	1.8	0.1	0.028	0.018
01/29/2003	1:20 PM	10	1 of 2	0.61	0.06	0.015	0.001
01/29/2003	1:20 PM	10	2 of 2	1.3	0.0	0.016	0.000
01/28/2003	2:50 PM	85	1 of 2	1.3	0.1	0.018	0.002
01/28/2003	2:50 PM	85	2 of 2	1.3	0.0	0.016	0.001
04/17/2003	11:30 AM	90	1 of 2	2.0	0.0	0.020	0.006
04/17/2003	11:30 AM	90	2 of 2	3.6	0.0	0.020	0.003
08/07/2003	10:00 AM	1	1 of 2	1.3	0.0	0.004	0.001
08/07/2003	10:00 AM	1	2 of 2	1.4	0.0	0.005	0.002
08/06/2003	3:00 PM	100	1 of 2	1.3	0.0	0.007	0.001
08/06/2003	3:00 PM	100	2 of 2	1.1	0.0	0.008	0.002
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland)							
Station number 390159121171401							
10/31/2001	1:00 PM	4	1 of 2	14	1	0.0031	0.0017
10/31/2001	1:00 PM	4	2 of 2	13	0	0.0035	0.0007
02/13/2002	1:00 PM	20	1 of 2	6.3	0.1	0.023	0.006
02/13/2002	1:00 PM	20	2 of 2	6.5	0.0	0.019	0.003
04/23/2002	12:10 PM	20	1 of 2	1.8	0.0	0.0098	0.0018
04/23/2002	12:10 PM	20	2 of 2	1.9	0.0	0.0087	0.0011
08/07/2002	6:50 PM	57	1 of 2	13	0	0.0041	0.0018
08/07/2002	6:50 PM	57	2 of 2	13	0	0.0048	0.0018
01/30/2003	3:30 PM	55	1 of 2	7.0	0.0	0.020	0.002
01/30/2003	3:30 PM	55	2 of 2	7.3	0.1	0.017	0.000
04/17/2003	2:30 PM	55	1 of 2	16	0	0.018	0.003
04/17/2003	2:30 PM	55	2 of 2	16	1	0.020	0.005
08/07/2003	4:00 PM	1	1 of 2	9.8	0.0	0.002	0.000
08/07/2003	4:00 PM	1	2 of 2	9.9	0.1	0.002	0.001

Table G4. Concentrations of trace metals and selected major elements in filtered water samples, Camp Far West Reservoir, California. —Continued

[Number in parentheses is the data parameter code, a five-digit code used in the U.S. Geological Survey computerized data system. thalweg, former river channel (low elevation path); s.d., standard deviation; µg/L, microgram per liter (equivalent to part per billion); mg/L, milligram per liter (at low concentration, equivalent to part per million); <, less than]

Date	Time	Depth (ft)	Replicate	Zinc (Zn)		Zirconium (Zr)	
				µg/L (01090)		µg/L (01160)	
				Avg	s.d.	Avg	s.d.
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)							
Station number 390331121174101							
08/07/2002	3:40 PM	10	1 of 2	0.72	0.01	0.0046	0.0020
08/07/2002	3:40 PM	10	2 of 2	0.88	0.01	0.0051	0.0030
04/17/2003	1:20 PM	80	1 of 2	1.7	0.0	0.014	0.001
04/17/2003	1:20 PM	80	2 of 2	1.8	0.1	0.015	0.001
08/07/2003	1:00 PM	1	1 of 2	0.31	0.04	0.002	0.001
08/07/2003	1:00 PM	1	2 of 2	0.23	0.03	0.008	0.003
08/07/2003	1:30 PM	40	1 of 2	1.3	0.0	0.005	0.001
08/07/2003	1:30 PM	40	2 of 2	1.2	0.1	0.006	0.000
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)							
Station number 390148121171701							
10/31/2001	2:15 PM	1	1 of 2	4,800	0	0.020	0.002
10/31/2001	2:15 PM	1	2 of 2	4,900	0	0.022	0.004
02/13/2002	3:10 PM	10	1 of 2	8.4	0.0	0.023	0.004
02/13/2002	3:10 PM	10	2 of 2	8.6	0.1	0.030	0.004
02/13/2002	3:30 PM	35	1 of 1	58	2	0.025	0.011
04/24/2002	11:10 AM	30	1 of 2	22	0	0.0092	0.0006
04/24/2002	11:10 AM	30	2 of 2	22	0	0.0087	0.0004
08/07/2002	5:00 PM	1	1 of 2	901	11	0.0051	0.0023
08/07/2002	5:00 PM	1	2 of 2	926	40	0.0063	0.0029
11/05/2002	2:50 PM	0	1 of 2	2,710	13	0.019	0.018
11/05/2002	2:50 PM	0	2 of 2	2,680	69	0.015	0.001
01/30/2003	12:30 PM	10	1 of 2	4.6	0.2	0.016	0.002
01/30/2003	12:30 PM	10	2 of 2	4.4	0.1	0.017	0.002
01/30/2003	1:20 PM	38	1 of 2	658	7	0.0046	0.0007
01/30/2003	1:20 PM	38	2 of 2	676	3	0.0041	0.0009
04/17/2003	4:00 PM	40	1 of 2	673	0	0.0075	0.0032
04/17/2003	4:00 PM	40	2 of 2	680	0	0.0054	0.0022
08/07/2003	4:30 PM	1	1 of 2	223	1	0.002	0.001
08/07/2003	4:30 PM	1	2 of 2	221	6	0.005	0.002
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)							
Station number 390152121171001							
10/31/2001	2:40 PM	1	1 of 1	7,700	0	0.032	0.005
02/13/2002	2:20 PM	52	1 of 2	51	1	0.029	0.014
02/13/2002	2:20 PM	52	2 of 2	50	0	0.032	0.013
04/23/2002	1:10 PM	20	1 of 2	2.2	0.1	0.0087	0.0013
04/23/2002	1:10 PM	20	2 of 2	2.1	0.0	0.0092	0.0025
11/05/2002	2:00 PM	1	1 of 2	31,700	701	0.023	0.012
11/05/2002	2:00 PM	1	2 of 2	33,400	381	0.025	0.013

Table G5. Concentrations of chlorophyll-a and pheophytin-a in water samples, Camp Far West Reservoir, California.

[thalweg, former river channel (low elevation path). ft, foot; µg/L, microgram per liter. E, estimated; <, less than; —, not determined]

Date	Time	Depth (ft)	Pheophytin-a (µg/L)	Chlorophyll-a (µg/L)
Site 1, LRS: Lower Reservoir, Shallow (Camp Far West Reservoir 0.3 mile north of dam abutment)				
Station number 390317121185001				
10/30/2001	5:15:00 PM	10	—	—
2/12/2002	12:00:00 PM	8	—	—
4/22/2002	3:20:00 PM	10	1.7	1.4
8/6/2002	4:30:00 PM	10	2.9	3.7
4/15/2003	10:30:00 AM	40	1.1	1.4
Site 2, LRT: Lower Reservoir, Thalweg (Camp Far West Reservoir in thalweg near dam near Wheatland)				
Station number 390307121183801				
11/1/2001	8:30:00 AM	70	—	—
2/12/2002	11:00:00 AM	140	—	—
4/22/2002	3:00:00 PM	140	—	—
8/8/2002	12:00:00 PM	45	1.9	0.8
8/8/2002	1:30:00 PM	113	0.7	0.1
11/4/2002	3:50:00 PM	10	—	—
11/4/2002	3:20:00 PM	55	—	—
1/29/2003	2:30:00 PM	10	—	—
1/28/2003	4:40:00 PM	140	—	—
4/16/2003	4:00:00 PM	150	0.7	0.1
8/5/2003	12:30:00 PM	1	1.1	1.4
8/5/2003	3:30:00 PM	73	0.9	0.2
8/5/2003	1:00:00 PM	120	0.5	0.2
Site 3, MRS: Middle Reservoir, Shallow (Camp Far West Reservoir east shoreline 1.6 miles above dam)				
Station number 390244121171801				
10/29/2001	4:15:00 PM	6	—	—
2/12/2002	1:30:00 PM	60	—	—
4/22/2002	1:50:00 PM	10	2.1	1.4
4/15/2003	12:40:00 PM	32	1.1	2.2
Site 4, MRT: Middle Reservoir, Thalweg (Camp Far West Reservoir in thalweg 1.5 miles above dam)				
Station number 390238121173101				
10/29/2001	2:45:00 PM	50	—	—
2/13/2002	8:30:00 AM	120	0.9	0.3
4/22/2002	12:20:00 PM	120	—	—
8/7/2002	12:10:00 PM	10	—	—
8/7/2002	12:40:00 PM	47	2.4	0.9
8/8/2002	2:50:00 PM	80	1.4	0.5
11/5/2002	2:30:00 PM	10	—	—
11/5/2002	2:10:00 PM	30	—	—
1/29/2003	2:00:00 PM	10	4.6	7.6
1/28/2003	3:30:00 PM	120	0.4	E0.1
4/17/2003	10:30:00 AM	125	0.8	0.2
8/7/2003	11:30:00 AM	1	1.1	1.7
8/7/2003	11:50:00 AM	100	0.5	0.1

Table G5. Concentrations of chlorophyll-a and pheophytin-a in water samples, Camp Far West Reservoir, California.—*Continued*

[thalweg, former river channel (low elevation path). ft, foot; mg/L, milligram per liter. E, estimated; <, less than; –, not determined]

Date	Time	Depth (ft)	Pheophytin-a (µg/L)	Chlorophyll-a (µg/L)
Site 5, BRA: Bear River arm (Camp Far West Reservoir Bear River arm near Wheatland)				
Station number 390202121162201				
10/31/2001	10:15:00 AM	12	–	–
2/13/2002	9:00:00 AM	80	1.4	0.9
4/22/2002	10:40:00 AM	80	–	–
8/6/2002	5:50:00 PM	10	2.5	3.5
8/6/2002	6:20:00 PM	55	1.9	1
11/5/2002	4:10:00 PM	7	–	–
1/29/2003	1:20:00 PM	10	0.6	0.5
1/28/2003	2:50:00 PM	85	0.4	E0.1
4/17/2003	11:30:00 AM	90	1.1	0.4
8/7/2003	10:00:00 AM	1	1.6	2.2
8/6/2003	3:00:00 PM	100	3.9	0.8
Site 6, DFA: Dairy Farm arm (Camp Far West Reservoir Dairy Farm arm near Wheatland))				
Station number 390159121171401				
10/31/2001	1:00:00 PM	4	–	–
2/13/2002	1:00:00 PM	20	2.3	1.9
4/23/2002	12:10:00 PM	20	–	–
8/7/2002	6:50:00 PM	57	2.4	1.7
1/30/2003	3:30:00 PM	55	0.8	0.4
4/17/2003	2:30:00 PM	55	1.4	0.4
8/7/2003	4:00:00 PM	1	0.8	0.9
Site 7, RCA: Rock Creek arm (Camp Far West Reservoir Rock Creek arm)				
Station number 390331121174101				
8/7/2002	03:40:00 PM	10	2.8	2.9
4/17/2003	01:20:00 PM	80	1	0.2
8/7/2003	01:00:00 PM	1	1	1.5
8/7/2003	01:30:00 PM	40	1.9	0.6
Site 8, DFP: Dairy Farm Mine Pit Lake (Dairy Farm Mine pit lake near Wheatland)				
Station number 390148121171701				
10/31/2001	2:15:00 PM	1	–	–
2/13/2002	3:10:00 PM	10	2.2	2
2/13/2002	3:30:00 PM	35	0.8	0.6
4/24/2002	11:10:00 AM	30	–	–
8/7/2002	5:00:00 PM	0.5	–	–
11/5/2002	2:50:00 PM	1	–	–
1/30/2003	12:30:00 PM	10	5.5	9.4
1/30/2003	1:20:00 PM	38	–	–
4/17/2003	4:00:00 PM	40	0.4	<0.1
8/7/2003	4:30:00 PM	1	0.2	0.3
Site 9, DFI: Dairy Farm Mine Impoundments (Camp Far West Reservoir impoundment Dairy Farm Mine arm)				
Station number 390152121171001				
10/31/2001	2:40:00 PM	0.5	–	–
2/13/2002	2:20:00 PM	52	0.7	0.3
4/23/2002	1:10:00 PM	20	2.1	1.7
11/5/2002	2:00:00 PM	0.5	–	–