

Appendix B. Tables Describing Sampling Stations and Frequency of Sampling, Camp Far West Reservoir and Vicinity, California.

Table B1. Description of sampling stations in Camp Far West Reservoir and vicinity, California.

[Thalweg, former river channel (low elevation path); USGS, U.S. Geological Survey; –, not applicable; ft, feet; NGVD 29, National Geodetic Vertical Datum of 1929; NAD 83, North American Datum of 1983; DMS, degrees-minutes-seconds format]

Site No. (fig. 5)	Station No.	Short name	Station code	Station name	Site characteristic	Township (North)	Range (East)	Section	Elevation ft above NGVD 29 (reservoir spillway elevation)	County
1	390317121185001	Lower Reservoir, Shallow	LRS	Camp Far West Res 0.3 mi north of dam abutment	Reservoir	14	6	21	300	Yuba
2	390307121183801	Lower Reservoir, Thalweg	LRT	Camp Far West Reservoir in thalweg near dam, near Wheatland	Reservoir	14	6	21	300	Yuba-Placer
3	390244121171801	Mid-reservoir, Shallow	MRS	Camp Far West Reservoir east shoreline 1.6 mi above dam	Reservoir	14	6	22	300	Yuba
4	390238121173101	Mid-reservoir, Thalweg	MRT	Camp Far West Reservoir in thalweg 1.5 mi above dam	Reservoir	14	6	22	300	Yuba-Placer
5	390202121162201	Bear River Arm	BRA	Camp Far West Reservoir Bear River Arm near Wheatland	Reservoir	14	6	26	300	Nevada-Placer
6	390159121171401	Dairy Farm Arm	DFA	Camp Far West Res Dairy Farm Arm near Wheatland	Reservoir	14	6	27	300	Placer
7	390331121174101	Rock Creek Arm	RCA	Camp Far West Reservoir – Rock Creek Arm near Wheatland	Reservoir	14	6	15	300	Yuba
8	390148121171701	Dairy Farm Mine Pit Lake	DFP	Dairy Farm Mine pit lake near Wheatland	Pit Lake	14	6	27	300	Placer
9	390152121171001	Dairy Farm Mine Impoundment	DFI	Camp Far West Reservoir impoundment Dairy Farm Mine arm	Mine Impoundment	14	6	27	300	Placer
10	proposed 390309121183601	–	–	Camp Far West Reservoir in thalweg 0.37 mi east of northern abutment of dam	Reservoir	14	6	21	300	Yuba-Placer
11	proposed 390309121181801	–	–	Camp Far West Reservoir in thalweg 0.62 mi east of northern abutment of dam	Reservoir	14	6	21	300	Yuba-Placer
12	proposed 390248121175401	–	–	Camp Far West Reservoir in thalweg 0.99 mi east-south-east of northern abutment of dam	Reservoir	14	6	22	300	Yuba-Placer
13	proposed 390222121173001	–	–	Camp Far West Reservoir in thalweg 1.55 mi east-south-east of northern abutment of dam	Reservoir	14	6	27	300	Yuba-Placer
14	proposed 390212121172101	–	–	Camp Far West Reservoir in thalweg 1.75 mi east-south-east of northern abutment of dam	Reservoir	14	6	27	300	Yuba-Placer
15	proposed 390209121170101	–	–	Camp Far West Reservoir in thalweg 2.04 mi east-south-east of northern abutment of dam	Reservoir	14	6	26	300	Yuba-Placer
16	proposed 390155121161101	–	–	Camp Far West Reservoir in thalweg 2.80 mi east-south-east of northern abutment of dam	Reservoir	14	6	26	300	Nevada-Placer
17	proposed 390317121181001	–	–	Camp Far West Reservoir in thalweg of Rock Creek Arm 0.80 mi east-north-east of northern dam abutment	Reservoir	14	6	22	300	Yuba
18	proposed 390320121175601	–	–	Camp Far West Reservoir in thalweg of Rock Creek Arm 1.00 mi east-north-east of northern dam abutment	Reservoir	14	6	22	300	Yuba
19	proposed 390329121175001	–	–	Camp Far West Reservoir Rock Creek Arm 1.13 mi east-north-east of northern dam abutment	Reservoir	14	6	15	300	Yuba
20	proposed 390350121171401	–	–	Camp Far West Reservoir Rock Creek Arm 1.80 mi east-north-east of northern dam abutment	Reservoir	14	6	15	300	Yuba

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Table B1. Description of sampling stations in Camp Far West Reservoir and vicinity, California.—*Continued*

[Thalweg, former river channel (low elevation path); USGS, U.S. Geological Survey; –, not applicable; ft, feet; NGVD 29, National Geodetic Vertical Datum of 1929; NAD 83, North American Datum of 1983; DMS, degrees-minutes-seconds format]

Site No. (fig. 5)	Station No.	Short name	USGS 7.5-minute quadrangle	Station description	Latitude NAD83 (DMS)	Longitude NAD83 (DMS)
1	390317121185001	Lower Reservoir, Shallow	Camp Far West	The site is in the lower portion of Camp Far West Reservoir, about 1,500 ft northeast of the spillway on the north abutment of the dam.	39 03 17	121 18 54
2	390307121183801	Lower Reservoir, Thalweg	Camp Far West	The site is in the lower portion of Camp Far West Reservoir, in the thalweg about 1,500 ft northeast of the center of the dam. This is apparently the deepest place in the reservoir.	39 03 07	121 18 42
3	390244121171801	Mid-reservoir, Shallow	Camp Far West	The site is in the middle portion of Camp Far West Reservoir along the east shoreline, about 3,000 ft east-northeast of the boat ramp for the South Side Campground.	39 02 44	121 17 22
4	390238121173101	Mid-reservoir, Thalweg	Camp Far West	The site is in the middle portion of Camp Far West Reservoir in the thalweg, about 2,000 ft due east of the boat ramp for the South Side Campground.	39 02 38	121 17 35
5	390202121162201	Bear River Arm	Camp Far West	The site is in the Bear River Arm of Camp Far West Reservoir, about 1,500 ft downstream of Fenton Gulch. The site is located in the thalweg about 200 ft upstream of the high voltage lines.	39 02 02	121 16 26
6	390159121171401	Dairy Farm Arm	Camp Far West	The site is in the Dairy Farm Arm of Camp Far West Reservoir, about 1,300 ft south of the Bear River thalweg.	39 01 59	121 17 18
7	390331121174101	Rock Creek Arm	Camp Far West	0.6 mile upstream of confluence of Rock Creek Arm and Camp Far West Reservoir, approximately 7.65 mi northeast of Wheatland	39 03 31	121 17 45
8	390148121171701	Dairy Farm Mine Pit Lake	Camp Far West	The site is in the Dairy Farm Mine pit lake, located about 1,000 ft east-northeast of the intersection of McCourtney Road and Karchner Road.	39 01 48	121 17 21
9	390152121171001	Dairy Farm Mine Impoundment	Camp Far West	The site is in the Dairy Farm Mine arm of Camp Far West Reservoir, in an impoundment below a waste rock pile east of the mine pit. The impoundment is exposed only when Camp Far West Reservoir is at low stage (less than about 235 ft above NGVD 29).	39 01 52	121 17 14
10	proposed 390309121183601	–	Camp Far West	The site is in the lower portion of Camp Far West Reservoir in the middle of the thalweg, about 1,200 ft southwest of the boat launch at the North Side campground. Also located about 2,000 ft northeast of where the road as it goes across the dam.	39 03 09	121 18 36
11	proposed 390309121181801	–	Camp Far West	The site is in the lower portion of Camp far West Reservoir in the middle of the thalweg just above where Rock Creek Arm joins the Bear River Arm. Also located about 1,200 ft southeast of the boat launch at the North Side campground.	39 03 09	121 18 18
12	proposed 390248121175401	–	Camp Far West	The site is in the middle portion of Camp Far West Reservoir, in the thalweg of the Bear River Arm, about 800 ft north-northeast of the boat ramp for the South Side campground.	39 02 48	121 17 54
13	proposed 390222121173001	–	Camp Far West	The site is in the middle portion of Camp Far West Reservoir, in the thalweg of the Bear River Arm, about 3,000 ft southeast of the boat ramp for the South Side campground.	39 02 22	121 17 30
14	proposed 390212121172101	–	Camp Far West	The site is in the middle portion of Camp Far West Reservoir, in the thalweg of the Bear River Arm, about 500 ft north of the entrance to Dairy Farm Arm.	39 02 12	121 17 21
15	proposed 390209121170101	–	Camp Far West	The site is in the southeastern portion of Camp Far West Reservoir, in the thalweg of the Bear River Arm, about 2,800 ft downstream of where the high voltage lines cross over the reservoir.	39 02 09	121 17 01
16	proposed 390155121161101	–	Camp Far West	The site is in the southeastern portion of Camp Far West Reservoir, in the thalweg of the Bear River Arm, about 1,500 ft upstream of where the high voltage lines cross over the reservoir, and just upstream of the Fenton Ravine Arm.	39 01 55	121 16 11
17	proposed 390317121181001	–	Camp Far West	The site is in the northeast portion of Camp Far West Reservoir (near the lower portion) in the thalweg of the Rock Creek Arm, about 1,400 ft southeast of the boat launch for the North Side campground.	39 03 17	121 18 10
18	proposed 390320121175601	–	Camp Far West	The site is in the northeastern portion of Camp Far West reservoir, in the thalweg of the Rock Creek Arm, about 2,500 ft east of the boat launch for the North Side campground.	39 03 20	121 17 56
19	proposed 390329121175001	–	Camp Far West	The site is in the northeastern portion of Camp Far West Reservoir in the Rock Creek Arm, about 3,000 ft northeast of the boat launch for the North Side campground.	39 03 29	121 17 50
20	proposed 390350121171401	–	Camp Far West	The site is in the northeastern portion of Camp Far West Reservoir, in the Rock Creek Arm, about 5,200 ft northeast of the boat launch for the North Side campground.	39 03 50	121 17 14

Table B2. Frequency of sampling and monitoring at sampling stations for the Bear River Mercury Cycling Project, Camp Far West Reservoir, California, 2001–03.

[A, annual; B, bimonthly; C, intermittent (see appendix C, tables C1–C2); Q, quarterly; S, semiannual; E, experimental amendments performed with sediment samples; USGS, U.S. Geological Survey. Project task leader: a, C.N. Alpers (USGS), data in this report; b, A.R. Stewart, U.S. Geological Survey (USGS); c, M.K. Saiki (USGS); d, M.C. Marvin-DiPasquale (USGS); e, J.S. Kuwabara (USGS) (Kuwabara and others, 2003). na, not applicable]

Map site number (fig. 5)	Short name	Station code	Water quality profile monitoring	Water quality sampling	Plankton sampling	Fish and invertebrate sampling	Fish-gut content monitoring	Sediment sampling	Flux from sediment
1	Lower Reservoir, Shallow	LRS	na	8Q	8Q	2A	12B	6Q	na
2	Lower Reservoir, Thalweg	LRT	14C	8Q	na	na	na	¹ 6Q, 2E	¹ 2S
3	Mid-reservoir, Shallow	MRS	na	8Q	8Q	na	na	6Q	na
4	Mid-reservoir, Thalweg	MRT	16C	8Q	na	na	na	6Q	2S
5	Bear River Arm	BRA	11C	8Q	8Q	2A	12B	¹ 6Q, 2E	¹ 2S
6	Dairy Farm Arm	DFA	2C	8Q	na	na	na	6Q	na
7	Rock Creek Arm	RCA	5C	3	2	2A	12B	na	na
8	Dairy Farm Mine Pit Lake	DFP	na	8Q	na	na	na	na	na
9	Dairy Farm Mine Impoundments	DFI	na	4	na	na	na	na	na
Project task leader			a	a	b	c	c	d	e

¹In November 2002, extreme drawdown necessitated moving sampling sites small distances from the exact location previously sampled.

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