

Appendix B. Flow, BOD, chlorophyll and pheophytin concentrations and loads in the San Joaquin River watershed in the nutrient special study. Data from UC Davis.

Date	Sampling Site	Flow Site	Flow	BOD ₁₀		Apparent BOD ₁₀		Chlorophyll a		Pheophytin	
				(conc)	(load)	(conc)	(load)	(conc)	(load)	(conc)	(load)
				mg/L	kg	mg/L	kg	ug/L	kg	ug/L	kg
			cfs								
08/22/01	Bear Crk @Bert Crane Rd	N/A	N/A	2.6	N/A		N/A	4.3	N/A	2.4	N/A
09/06/01	Bear Crk @Bert Crane Rd	N/A	N/A	2.3	N/A		N/A	3.1	N/A	1.1	N/A
09/19/01	Bear Crk @Bert Crane Rd	N/A	N/A	1.7	N/A		N/A	4.2	N/A	1.1	N/A
08/22/01	DMC @J2 (Tracy)	N/A	N/A	1.0	N/A		N/A	3.9	N/A	2.8	N/A
09/06/01	DMC @J2 (Tracy)	N/A	N/A	1.2	N/A		N/A	3.0	N/A	1.4	N/A
09/19/01	DMC @J2 (Tracy)	N/A	N/A	1.0	N/A		N/A	3.2	N/A	0.9	N/A
08/22/01	DMC @Lammers	N/A	N/A	1.0	N/A		N/A		N/A		N/A
09/06/01	DMC @Lammers	N/A	N/A	1.2	N/A		N/A		N/A		N/A
09/19/01	DMC @Lammers	N/A	N/A	1.0	N/A		N/A		N/A		N/A
08/22/01	DMC @Volta Rd	N/A	N/A	0.9	N/A		N/A	3.2	N/A	1.6	N/A
09/06/01	DMC @Volta Rd	N/A	N/A	1.2	N/A		N/A	2.8	N/A	0.6	N/A
09/19/01	DMC @Volta Rd	N/A	N/A	0.9	N/A		N/A	2.9	N/A	0.7	N/A
08/22/01	Merced @Livingston	N/A	N/A	0.7	N/A		N/A	0.6	N/A	0.3	N/A
09/06/01	Merced @Livingston	N/A	N/A	1.1	N/A		N/A	0.6	N/A	0.1	N/A
09/19/01	Merced @Livingston	N/A	N/A	0.5	N/A		N/A	0.6	N/A	0.2	N/A
08/22/01	Merced @Snelling Rd	Merced @Snelling (CDEC)	166	0.6	0.2		0.0	0.7	0.3	0.1	0.0
09/06/01	Merced @Snelling Rd	Merced @Snelling (CDEC)	169	1.0	0.4		0.0	0.9	0.4	0.2	0.1
09/19/01	Merced @Snelling Rd	Merced @Snelling (CDEC)	179	0.5	0.2		0.0	0.7	0.3	0.1	0.0
08/22/01	Mud Slough @Gun Club Rd	N/A	N/A	11.4	N/A		N/A	14.8	N/A	8.6	N/A
09/06/01	Mud Slough @Gun Club Rd	N/A	N/A	12.4	N/A		N/A	8.6	N/A	4.8	N/A
09/19/01	Mud Slough @Gun Club Rd	N/A	N/A	5.8	N/A		N/A	9.6	N/A	2.9	N/A
08/22/01	Mud Slough @Hwy 140	N/A	N/A	8.7	N/A		N/A	16.7	N/A	5.4	N/A
09/06/01	Mud Slough @Hwy 140	N/A	N/A	7.8	N/A		N/A	19.1	N/A	7.4	N/A
09/19/01	Mud Slough @Hwy 140	N/A	N/A	4.8	N/A		N/A	9.1	N/A	6.9	N/A
08/22/01	Old River @Tracy Blvd (J2)	N/A	N/A	7.5	N/A		N/A	20.9	N/A	9.4	N/A
09/06/01	Old River @Tracy Blvd (J2)	N/A	N/A	10.2	N/A		N/A	46.2	N/A	5.6	N/A
09/19/01	Old River @Tracy Blvd (J2)	N/A	N/A	11.2	N/A		N/A	53.3	N/A	24.5	N/A
08/22/01	Outside Cn @Mendota	N/A	N/A	0.9	N/A		N/A	4.0	N/A	1.7	N/A
09/06/01	Outside Cn @Mendota	N/A	N/A	1.6	N/A		N/A	3.7	N/A	0.5	N/A
09/19/01	Outside Cn @Mendota	N/A	N/A	1.0	N/A		N/A	4.0	N/A	0.6	N/A
08/22/01	Salt Slough @Hereford Rd	N/A	N/A	3.3	N/A		N/A	5.8	N/A	2.9	N/A
09/06/01	Salt Slough @Hereford Rd	N/A	N/A	9.1	N/A		N/A	7.2	N/A	3.5	N/A
09/19/01	Salt Slough @Hereford Rd	N/A	N/A	10.4	N/A		N/A	2.1	N/A	0.5	N/A
08/22/01	Salt Slough @Wolfsen	N/A	N/A	3.7	N/A		N/A	8.6	N/A	4.0	N/A
09/06/01	Salt Slough @Wolfsen	N/A	N/A	4.6	N/A		N/A	8.4	N/A	1.2	N/A
09/19/01	Salt Slough @Wolfsen	N/A	N/A	3.7	N/A		N/A	7.9	N/A	2.9	N/A
08/22/01	San Luis Spillway @Santa Fe	N/A	N/A	4.2	N/A		N/A	12.2	N/A	5.4	N/A
09/06/01	San Luis Spillway @Santa Fe	N/A	N/A	2.9	N/A		N/A	6.5	N/A	2.9	N/A
09/19/01	San Luis Spillway @Santa Fe	N/A	N/A	1.7	N/A		N/A	6.0	N/A	2.1	N/A
08/22/01	Stanislaus @J6 - Escalon Rd	Stan @Ripon (USGS)	419	0.7	0.7		0.0	0.6	0.6	0.4	0.4
09/06/01	Stanislaus @J6 - Escalon Rd	Stan @Ripon (USGS)	374	1.0	0.9		0.0	0.7	0.6	0.2	0.1
09/19/01	Stanislaus @J6 - Escalon Rd	Stan @Ripon (USGS)	350	0.5	0.4		0.0	1.0	0.8	0.2	0.2

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Date	Sampling Site	Flow Site	Flow	BOD ₁₀		Apparent BOD ₁₀		Chlorophyll a		Pheophytin	
				(conc)	(load)	(conc)	(load)	(conc)	(load)	(conc)	(load)
				mg/L	kg	mg/L	kg	ug/L	kg	ug/L	kg
08/22/01	Stanislaus @Orange Blossom	Stan @Orange Blossom (CDEC)	354	0.4	0.3	0.0	0.0	0.5	0.4	0.1	0.1
09/06/01	Stanislaus @Orange Blossom	Stan @Orange Blossom (CDEC)	331	0.9	0.7	0.0	0.0	0.8	0.6	0.1	0.1
09/19/01	Stanislaus @Orange Blossom	Stan @Orange Blossom (CDEC)	292	0.4	0.3	0.0	0.0	0.5	0.3	0.2	0.1
08/22/01	Tuolumne @LaGrange	Tuol @LaGrange (CDEC)	142	0.3	0.1	0.0	0.0	0.5	0.2	0.1	0.0
09/06/01	Tuolumne @LaGrange	Tuol @LaGrange (CDEC)	125	0.8	0.2	0.0	0.0	0.7	0.2	0.1	0.0
09/19/01	Tuolumne @LaGrange	Tuol @LaGrange (CDEC)	122	0.2	0.1	0.0	0.0	0.2	0.1	0.1	0.0
08/22/01	Tuolumne @Modesto	Tuol @Modesto (USGS)	327	1.4	1.1	0.0	0.0	1.4	1.2	1.7	1.4
09/06/01	Tuolumne @Modesto	Tuol @Modesto (USGS)	335	1.8	1.5	0.0	0.0	1.7	1.4	0.4	0.3
09/19/01	Tuolumne @Modesto	Tuol @Modesto (USGS)	336	0.9	0.7	0.0	0.0	1.8	1.5	1.0	0.8