

Table 3A. Concentrations, standard deviations and annual means describing sediment and environmental characteristics at the Palo Alto mudflat in 1999.

[Units are microgram per gram dry weight. STD is standard deviation of the two samples. SEM is standard error of the means for the year.]

Date	Aluminum (percent)		Iron (percent)		Manganese ($\mu\text{g/g}$)		Organic Carbon (percent)	Sand (percent)	Salinity (ppt)
	mean	std	mean	std	mean	std			
Jan 15	3.4	1.7	5.4	1.1	1013	33	1.43	11	18
Feb 25	4.9	0.1	7.6	0.2	997	13	1.45	9	18
March 22	4.7		6.9	0.2	1046	8	1.48	8	13
April 18	5.1	0.1	5.0	0.8	1238	5	1.55	4	16
May 19	3.7	0.1	3.7	0.03	685	4	1.13	29	23
June 16	3.9	0.1	3.7	0	722	1	1.22	32	22
Sept 13	3.4	0.1	3.3	0.03	909	4	0.98	68	
Nov 22	4.5	0.1	3.8	0	1310	3	1.26	39	
Dec 20	5.3	0.2	4.3	0	1596	9	1.48	5	24
Annual Mean: 1999	4.3		4.9		1057		1.33	23	19
SEM: 1999	0.2		0.5		96		0.06	7.1	1.5

Table 3B. Concentrations, standard deviations and annual means describing sediment and environmental characteristics at the Palo Alto mudflat in 2000.

[Units are microgram per gram dry weight. STD is standard deviation of the two samples. SEM is standard error of the means for the year.]

Date	Aluminum (percent)		Iron (percent)		Manganese ($\mu\text{g/g}$)		Organic Carbon (percent)	Sand (percent)	Salinity (ppt)
	mean	std	mean	std	mean	std			
Jan 1	5.4	0.04	4.5	0.02	1638	3	1.4	13	22
Feb 15	5.9	0.009	4.6	0.07	1380	22	1.5	17	18
March 22	5	0.4	4.3	0.05	979	12	1.4	16	10
April 10	5.2	0.2	4.4	0.04	1284	9	1.5	8	15
June 19	3.7	0.2	3.6	0.03	638	4	1.1	40	22
Sept 13	3.5	0.1	3.4	0.01	821	1	1	30	24
Nov 9	3.5	0.006	3.3	0.02	934	28	0.9	34	22
Dec 12	4.3	0.2	3.9	0.03	1216	3	1.2	39	24
Annual Mean: 2000	4.6		4.0		1111		1.25	25	20
SEM: 2000	0.3		0.2		116		0.08	4.4	1.8

Table 3C. Concentrations, standard deviations and annual means describing sediment and environmental characteristics at the Palo Alto mudflat in 2001.

[Units are microgram per gram dry weight. STD is standard deviation of the two samples. SEM is standard error of the means for the year.]

Date	Aluminum (percent)		Iron (percent)		Manganese ($\mu\text{g/g}$)		Organic Carbon (percent)	Sand (percent)	Salinity (ppt)
	mean	std	mean	std	mean	std			
Jan 9	4.9	0.3	4.2	0.1	1360	1.7	1.3	41	24
Feb 5	5.1	0.1	4.2	0.04	732	6.3	1.2	32	23
March 5	5.3	0.3	4.4	0.02	1300	7.7		29	20
April 10	5.6	0.1	4.3	0.007	1586	1.5	1.4	12	20
May 8	6.1	0.02	4.4	0.005	944	2.2		21	21
June 12	2.9	0.02	3.3	0.04	767	6.7	1.1	39	24
Sept 18	2.6	0.09	3.4	0.06	976	4.3	0.9	59	24
Oct 15	2.7	0.1	3.3	0.04	896	25.8	1	39	26
Dec 1	3.5	0.02	3.7	0.02	1358	0.9	1.3	16	24
Annual Mean: 2001	4.3		3.9		1102		1.17	32	23
SEM: 2001	0.5		0.2		101		0.07	4.9	0.7