

June Sampling Event (6/26/01)

Analytical Data																	
Sample ID	Locale	TSS	TDS	Copper (mg/l)			Lead (ug/l)			Nickel (ug/l)			Zinc (ug/l)				
		(mg/l)	(mg/l)	Qualifier	Total	Qualifier	Dissolved	Qualifier	Total	Qualifier	Dissolved	Qualifier	Total	Qualifier	Dissolved	Qualifier	Dissolved
MTS-1	U/S	36.00	1467	J	0.0093	J	0.0075	<	0.0005	<	0.0005	J	0.0049	J	0.0025	J	0.0078
MTS-2	Mixing Zone	16.26	4015	J	0.0068	J	0.0057	<	0.0005	<	0.0005	J	0.0054	J	0.0026		0.0097
MTS-3	Upper Estuary	10.44	2701	J	0.0039	J	0.0030	<	0.0005	<	0.0005	J	0.0053	J	0.0026	J	0.0077
MTS-R	Discharge	1.30	1326	J	0.0021	J	0.0021	<	0.0005	<	0.0005	J	0.0046	J	0.0023		0.0169
MTS-DUP	Dup MTS-R	1.06	1303	J	0.0064	J	0.0021	<	0.0005	<	0.0005	J	0.0041	J	0.0021		0.0204

Water Quality Parameters										
Sample ID	Locale	Time	pH	Cond. (ms/cm)	Turbidity (NTU)	DO (mg/l)	Temp. (C)	Sal. (ppt)	Tot. Depth (ft.)	
MTS-1	Surface	850	8.1	8.9	2	8.6	20.0	1	0.1	
	Surface	1710	---	6.51	---	14.25	26.7	3.5	4.0	
MTS-2 (MZ-6)	2ft.	1710	---	6.62	---	14.3	26.8	3.6	4.0	
	3ft.	1710	---	7.43	---	13.63	26.8	3.9	4.0	
	4ft.	1710	---	10.01	---	14.63	27.6	5.6	4.0	
MTS-3 (MZ-7)	Surface	1000	8.6	4.5	1	8.2	23.0	2	3.0	
	1ft.	1000	8.6	4.6	1	8	23.0	2	3.0	
	2ft.	1000	8.6	4.9	1	8.1	24.0	2	3.0	
	3ft.	1000	8.8	6.8	1	8.7	25.0	3	3.0	
MTS-R(MZ-R)	Surface	1230	---	2040us	---	6.82	25.2	1	1.0	
	Surface	1425	---	6.89	---	12.34	25.5	3.7	3.0	
MZ-3	1ft.	1425	---	6.89	---	12.58	25.5	3.7	3.0	
	2ft.	1425	---	6.83	---	12.44	25.5	3.7	3.0	
	3ft.	1425	---	7.06	---	12.44	25.4	3.9	3.0	
MZ-4	Surface	1440	---	7.43	---	12.71	25.8	4	2.0	
	1ft.	1440	---	7.42	---	12.15	25.6	3.9	2.0	
	2ft.	1440	---	7.8	---	17.13	25.9	4.5	2.0	
MZ-5	1ft.	1600	---	8.16	---	11.74	26.0	4.4	3.0	
	2ft.	1600	---	10.07	---	13.67	26.1	5.6	3.0	
	3ft.	1600	---	10.27	---	14.39	26.1	5.7	3.0	

Notes:

The Mixing Zone (MTS-2) was sampled between MZ-6 and MZ-6b.

Mixing zone established primarily on visual observation of discharge flow into the pooled estuary.

Validated with water quality parameter measurement to establish sampling point.

During sampling ENTRIX's Horiba water sampler malfunctioned and a YSI-85 water meter was borrowed from the City of Ventura and used to complete the sampling event. The YSI-85 does not measure pH and Turbidity.

MZ-1 not sampled due to mixing zone location between MZ-6 and MZ-6b (MZ-6b located between MZ-1 and MZ-6)

Conditions:

The Estuary was impounded during this Metals Translator sampling event.

Tides:

High 5.3 ft. at 0127, 4.4 at 1553

Low -0.5 ft at 0848, 2.4 ft. at 2110

Qualifiers:

J : estimated value

<: non-detect