

Marsh Exchange
Sampling
And
Profiling Data

APPENDIX M

Station	Date	Time	Depth (m)	Temp (°C)	CND (mS/cm)	SpC (mS/cm)	Salinity (ppt)	DO%	DO (mg/L)	pH	Water Depth (m)	Flow in/Flow out
T2	09/21/1999	11:37	0.657	22.08	--	539	0.26	36.8	3.32	6.46	--	--
T2	09/21/1999	12:35	0.401	22.62	--	490	0.24	33.4	3.07	6.31	--	--
T2	09/21/1999	13:32	0.255	22.95	--	536	0.26	49.8	4.19	6.44	--	--
T2	09/21/1999	14:52	0.812	22.79	--	615	0.30	77.0	6.71	6.74	--	--
T2	09/21/1999	15:35	1.115	22.77	--	729	0.36	69.8	6.05	6.66	--	--
T2	09/21/1999	16:37	1.234	22.89	--	783	0.38	73.5	6.32	6.71	--	--
T2	09/21/1999	17:30	1.585	22.92	--	664	0.33	76.0	6.50	6.72	--	--
T2	09/21/1999	18:00	1.832	22.89	--	583	0.28	74.5	6.41	6.71	--	--
T2	09/21/1999	18:30	0.773	22.89	--	572	0.28	73.8	6.34	6.71	--	--
T4	09/21/1999	10:41	0.131	22.81	--	3187	1.67	50.1	4.30	7.12	0.7	out
T5	09/21/1999	11:24	0.074	22.94	--	524	0.25	42.9	3.69	6.58	0.5	out
T4	09/21/1999	11:53	30.000	24.29	--	2965	1.53	48.1	4.00	6.47	0.5	out
T5	09/21/1999	12:28	20.000	24.52	--	728	0.35	39.5	3.29	6.23	0.55	out
T4	09/21/1999	12:54	20.000	26.60	--	2623	1.34	42.9	3.39	6.24	0.4	slack
T5	09/21/1999	13:25	20.000	25.43	--	635	0.31	55.4	4.53	6.57	0.4	in
T4	09/21/1999	14:04	25.000	25.12	--	1458	0.72	76.9	6.32	6.57	0.35	in
T5	09/21/1999	14:40	35.000	24.47	--	518	0.25	70.9	5.91	6.68	0.9	in
T4	09/21/1999	15:22	65.000	24.13	--	3657	1.92	76.8	6.38	6.60	1.3	in
T5	09/21/1999	16:05	80.000	23.75	--	627	0.30	70.2	5.93	6.64	1.6	in
T4	09/21/1999	16:29	100.000	24.08	--	5660	3.06	73.6	6.09	6.58	2	in
T5	09/21/1999	16:58	90.000	23.74	--	1531	0.72	71.5	6.02	6.90	1.8	in
T4	09/21/1999	17:26	110.000	24.25	--	8280	4.62	72.1	5.89	6.72	2.15	in
T5	09/21/1999	17:54	80.000	23.97	--	2901	1.50	73.6	6.15	6.88	1.6	in
T1	09/09/1999	8:55	2.160	26.08	1005	984	0.48	18.6	1.83	7.14	--	in
T1	09/09/1999	8:55	0.988	26.09	1002	1005	0.50	38.8	3.48	7.04	--	in
T3	09/09/1999	9:30	2.207	26.26	1294	1263	0.63	36.1	0.77	6.74	--	in
T3	09/09/1999	9:30	1.010	26.27	1342	1317	0.66	116.9	9.42	6.89	--	in
T1	09/09/1999	9:56	2.288	26.20	860	839	0.41	107.0	9.02	7.09	--	in
T1	09/09/1999	9:56	0.992	26.21	857	836	0.41	113.7	8.95	7.01	--	in
T3	09/09/1999	10:21	2.508	26.40	1742	1696	0.85	105.2	9.29	7.05	--	slack
T3	09/09/1999	10:21	0.992	26.40	1712	1651	0.83	124.8	9.73	7.02	--	tide swing 10:33
T1	09/09/1999	11:15	2.172	26.34	918	897	0.44	129.7	10.58	7.11	--	out
T1	09/09/1999	11:15	0.952	26.35	924	902	0.44	135.0	10.58	7.00	--	out
T3	09/09/1999	12:02	1.512	26.59	864	817	0.38	48.4	1.29	6.78	--	out
T3	09/09/1999	12:02	0.502	26.48	809	785	0.38	90.7	7.36	6.78	--	out
T1	09/09/1999	12:30	1.620	26.19	725	703	0.34	122.0	9.57	6.87	--	out
T1	09/09/1999	12:30	0.478	26.15	708	690	0.33	118.8	9.52	6.77	--	out
T3	09/09/1999	13:00	1.467	27.36	880	834	0.41	--	7.99	6.57	--	out
T3	09/09/1999	13:00	0.558	26.92	792	765	0.37	--	8.55	6.79	--	out
T1	09/09/1999	13:30	0.948	26.18	309	300	0.14	91.5	7.44	6.72	--	out
T1	09/09/1999	13:30	0.391	26.19	309	303	0.14	89.5	7.68	6.65	--	out
T3	09/09/1999	13:58	0.790	27.83	842	799	0.39	93.6	9.54	6.63	--	out

Station	Date	Time	Depth (m)	Temp (°C)	CND (mS/cm)	SpC (mS/cm)	Salinity (ppt)	DO%	DO (mg/L)	pH	Water Depth (m)	Flow in/Flow out
T1	09/09/1999	14:28	0.361	27.11	346	331	0.16	104.7	8.39	6.66	--	out
T3	09/09/1999	14:56	0.530	29.34	882	812	0.39	139.5	10.03	6.64	--	out
T1	09/09/1999	15:34	0.473	28.39	541	509	0.24	121.4	9.39	6.62	--	out
T3	09/09/1999	16:07	0.302	30.15	811	832	0.40	164.4	11.78	6.65	--	little out
T1	09/09/1999	16:47	0.467	28.78	580	541	0.26	126.3	10.06	6.36	--	little out
T3	09/09/1999	17:26	0.730	27.43	228	218	0.10	165.5	13.09	6.97	--	slack to flowing
T1	09/09/1999	17:54	0.591	27.85	383	348	0.16	128.0	10.02	6.71	--	in
T3	09/09/1999	18:17	1.383	27.28	262	252	0.12	178.1	14.14	6.96	--	in
T1	09/09/1999	18:17	0.536	27.25	264	255	0.12	177.9	14.09	6.91	--	in

Marsh Exchange Transect Water Chemistry Samples

(Updated 6-15-00 with Savannah Laboratories Reported CBOD-5 and BOD-5 J-values below the Method Detection Limit of 1.0 mg/L)

Sample Description	Savannah Labs Log No	Date	Time	Caronaceous Biochemical Oxygen Demand - 5 day (mg/L)	Total Dissolved Solids (mg/l)	Suspended Solids (mg/L)	Biochemical Oxygen Demand - 5 day (mg/L)	Ammonia as N (mg/L)	Nitrate + Nitrite-N (mg/L)	Total Kjeldahl Nitrogen-N (mg/L)	Total Phosphorus (mg/L)	Chlorophyll-a (µg/L)	Ortho-Phosphate-P (mg/L)
T10909	16080-1	09/09/1999	14:48	0.49	180	10	1.4	0.036	0.013	<0.12	<0.034	--	0.063
T30909	16080-2	09/09/1999	15:16	1.5	420	120	1.1	0.058	<0.010	<0.12	0.11	--	0.11
T10909	16080-3	09/09/1999	15:55	1	260	21	1.2	0.06	<0.010	0.1999	0.13	--	0.09
T30909	16080-4	09/09/1999	16:30	0.36	420	94	1.3	0.059	<0.010	0.16	<0.034	--	0.11
T10909	16080-5	09/09/1999	17:10	0.78	280	24	0.82	0.084	<0.010	0.16	<0.039	--	0.12
T30909	16080-6	09/09/1999	17:47	0.86	100	28	0.28	0.04	0.12	0.197	0.051	--	0.091
T10909	16080-7	09/09/1999	18:12	0.53	72	16	0.043	0.042	0.087	0.13	0.066	--	0.065
T30909	16080-8	09/09/1999	18:40	0.81	140	32	0.88	<0.015	0.12	<0.12	0.069	--	0.091
T30909	16080-9	09/09/1999	12:22	0.78	390	18	0.92	0.051	0.077	<0.12	<0.034	--	0.08
T10909	16080-10	09/09/1999	12:51	1	310	16	1.3	0.04	0.086	<0.12	<0.034	--	0.082
T30909	16080-11	09/09/1999	13:21	0.81	380	23	1.4	0.051	0.012	0.21	<0.034	--	0.087
T10909	16080-12	09/09/1999	13:51	0.65	140	17	0.8	0.034	0.04	<0.12	<0.034	--	0.11
T30909	16080-13	09/09/1999	14:18	0.88	380	27	1.4	0.025	<0.010	0.23	<0.034	--	0.09
T10909	16080-14	09/09/1999	9:15	0.43	530	21	0.84	0.023	0.13	0.19	<0.034	--	0.074
T30909	16080-15	09/09/1999	9:50	0.51	690	16	0.48	0.03	0.16	0.35	<0.034	--	0.074
T10909	16080-16	09/09/1999	10:15	0.2	420	13	0.33	<0.015	0.15	0.2	<0.034	--	0.12
T30909	16080-17	09/09/1999	10:40	0.56	830	9.6	0.81	0.031	0.16	0.27	<0.034	--	0.057
T10909	16080-18	09/09/1999	11:35	0.45	460	16	0.55	0.032	0.13	0.31	0.043	--	0.074
METHOD BLANK	16080-19			<2.0	<5.0	<5.0	<2.0	<0.030	<0.050	<0.20	<0.10	--	<0.050
LAB CONTROL ST.	16080-20			105%	92%	101%	105%	101%	100%	82%	97%	--	101%
T40921	16259-1	09/21/1999	11:03	0.4	1700	26	0.77	0.1	0.094	0.58	0.098	--	0.064
T50921	16259-2	09/21/1999	11:40	0.62	300	36	1.8	0.16	0.016	0.61	0.22	--	0.19
T40921	16259-3	09/21/1999	12:14	0.63	1600	89	0.83	0.21	0.033	0.58	0.2	--	0.13
T50921	16259-4	09/21/1999	12:42	1.1	370	67	1.4	0.31	<0.010	0.79	0.32	--	0.3
T40921	16259-5	09/21/1999	13:13	0.46	1300	82	0.88	0.31	0.021	0.72	0.21	--	0.18
T50921	16259-6	09/21/1999	13:45	1.1	300	82	0.44	0.093	0.18	0.56	0.19	--	0.15
T40921	16259-7	09/21/1999	14:22	-0.22	1400	32	0.12	0.063	0.29	0.42	0.11	--	0.13
T50921	16259-8	09/21/1999	14:56	0.29	270	42	0.67	0.047	0.23	0.38	0.12	--	0.16
T40921	16259-9	09/21/1999	15:48	0.22	2100	19	0.6	0.044	0.3	0.4	0.1	--	0.074
T50921	16259-10	09/21/1999	16:18	0.41	340	30	0.76	0.035	0.26	0.37	0.12	--	0.11
T40921	16259-11	09/21/1999	16:49	0.25	3500	14	0.36	0.0299	0.3	0.44	0.088	--	0.097
T50921	16259-12	09/21/1999	17:16	0.31	830	24	0.75	0.041	0.26	0.44	0.094	--	0.12
T40921	16259-13	09/21/1999	17:45	0.59	5400	11	0.41	0.041	0.3	0.37	0.087	--	0.13
T50921	16259-14	09/21/1999	18:11	0.5	1600	24	0.92	0.041	0.26	0.51	0.085	--	0.12
T20921	16259-21	09/21/1999	16:20	-0.24	400	12	0.77	0.031	0.23	0.55	0.051	--	0.1
T20921	16259-22	09/21/1999	17:20	-0.27	340	8.5	0.44	0.022	0.24	0.49	0.054	--	0.13
T20921	16259-23	09/21/1999	18:20	0.19	310	10	0.16	0.029	0.24	0.55	0.048	--	0.085
T20921	16259-24	09/21/1999	11:20	-0.19	270	6	0.86	0.023	0.049	0.61	0.038	--	0.053
T20921	16259-25	09/21/1999	12:20	0.4	260	<5	0.93	0.045	0.019	0.47	0.2	--	0.075
T20921	16259-26	09/21/1999	13:20	0.42	250	8.5	0.61	0.05	<0.010	0.6	0.067	--	0.083
T20921	16259-27	09/21/1999	14:20	0.25	300	12	0.57	0.032	0.23	0.6	0.054	--	0.14
T20921	16259-28	09/21/1999	15:20	0.45	360	9.5	0.19	0.038	0.22	0.56	0.055	--	0.15
METHOD BLANK	16-259-19			<2.0	<5.0	<5.0	<2.0	<0.030	<0.050	<0.20	<0.10	--	<0.050
LAB CONTROL ST.	16-259-20			105%	98%	100%	105%	106%	109%	97%	103%	--	93%
			Minimum	-0.27	72	6	0.043	<0.015	<0.010	<0.2	.01	--	<0.050
			Maximum	1.5	5400	120	1.8	0.31	0.3	0.79	0.32	--	0.3
			Average	0.51	747.55	29.90	0.78	0.07	0.15	0.42	0.11	--	0.11