Cross-Section YSI Check

station 3
date 3/20/02

start time 1236
end time 1244

point	temp. (C)	cond. (uS/cm)	Sp. Cond (uS/cm)	DO (mg/L)	DO%	pH	ORP (mV)	Turb. (NTU)
1	5.60	511	811	12.75	101.5	7.24	42.0	4.7
2	5.62	507	805	12.58	100.2	6.94	31.6	6.6
3	5.62	507	805	12.49	99.6	6.85	23.6	2.8
4	5.62	507	805	12.45	99.3	6.80	20.2	1.6
5	5.62	507	805	12.43	99.1	6.76	20.1	10.3
~~6~~	5.61	505	803	12.44	99.3	6.74	22.2	41.3
Isco readings at 1234	5.5	982	1563	13.6	108.7	6.8	371.4	10.9

Cross-Section YSI Check

station 4
date 3/20/02

start time 1250
end time 1255

point	temp. (C)	cond. (uS/cm)	Sp. Cond (uS/cm)	DO (mg/L)	DO%	pH	ORP (mV)	Turb. (NTU)
1	5.37	484	774	12.07	95.7	6.76	47.0	13.9
2	5.35	483	774	11.73	92.9	6.77	45.1	13.7
3	5.33	477	759	11.98	95.4	6.78	47.2	13.9
4	5.34	469	750	12.36	98.2	6.80	49.5	14.0
Isco readings at 1247	5.3	492	789	18.1	6.9 ~~143.0~~	6.9	160.8	8.8

Cross-Section YSI Check

station: 1
date: 3/21

start time: 1542
end time: 1547

Dist.	point	temp. (C)	cond. (uS/cm)	Sp. Cond (uS/cm)	DO (mg/L)	DO%	pH	ORP (mV)	Turb. (NTU)
0	1	7.72	864	1290	11.24	94.8	7.11	162.3	50.4
1	2	7.72	865	1290	11.17	94.1	7.04	157.0	50.7
2	3	7.72	864	1290	11.15	93.9	6.98	151.7	51.3
3	4	7.72	864	1289	11.12	93.8	6.94	147.7	51.8
4	5	7.73	864	1289	11.11	93.7	6.90	142.6	52.5
5	6	7.73	863	1288	11.11	93.6	6.88	138.3	51.3
6	7	7.73	863	1288	11.10	93.5	6.85	136.4	61.8
Isco readings at 1549		7.7	850	1419	1.00	8.7	6.9	191.6	163.2

Cross-Section YSI Check

station: 2
date: 3/22/02

start time: 1035
end time: 1049

point	temp. (C)	cond. (uS/cm)	Sp. Cond (uS/cm)	DO (mg/L)	DO%	pH	ORP (mV)	Turb. (NTU)
4	5.21	609	979	11.63	92.5	6.77	-26.2	81.5
5	5.13	606	977	11.12	87.8	6.66	-25.7	69.8
6	5.13	607	978	10.98	86.6	6.62	-23.3	75.6
7	5.17	609	981	10.86	85.7	6.61	-21.3	47.1
8	5.15	609	981	10.80	85.1	6.60	-20.2	50.0
9	5.16	610	982	10.78	85.1	6.60	-19.8	46.4
10	5.12	609	983	10.79	85.0	6.60	-20.4	45.9
11	5.12	609	982	10.77	84.9	6.60	-20.0	44.8
12	5.12	610	983	10.76	84.8	6.61	-19.7	44.8
13	5.13	609	982	10.75	84.7	6.61	-19.3	45.6
14	5.12	608	980	10.76	84.6	6.61	-18.9	45.0
15	5.11	606	977	10.76	84.7	6.62	-19.1	44.6
16	5.10	606	977	10.77	84.8	6.62	-19.0	43.7
17	5.09	605	977	10.78	84.8	6.63	-18.9	44.1
18	5.08	605	977	10.79	84.9	6.64	-18.6	50.6
19	5.06	605	977	10.80	84.9	6.64	-17.7	49.6
~~20~~								
Isco @1052	4.9	580	942	14.0	109.4	6.8	89.6	34.4

Note: ORP Probe malfunctioning

Cross-Section YSI Check

station 6
date 4/22/02

start time 0854
end time 0905

Distance* (ft)	point	temp. (C)	cond. (uS/cm)	Sp. Cond (uS/cm)	DO (mg/L)	DO%	pH	ORP (mV)	Turb. (NTU)
3	1	9.95	553	776	12.98	117.5	6.86	-443.3	3.9
5	2	9.93	552	775	14.72	153.1	6.93	-441.6	1.5
7	3	9.96	552	775	17.42	153.4	6.95	-440.5	1.9
9	4	9.96	552	775	18.02	159.8	6.96	-448.2	2.1
11	5	9.96	552	774	17.78	1162.8	6.97	-439.8	1.5
13	6	9.96	552	774	18.54	1666.8	6.97	-439.4	1.9
15	7	9.96	552	774	17.81	155.3	6.98	-439.1	1.8
17	8	9.96	551	774	19.01	169.8	6.99	-439.2	1.4
19	9	9.96	551	773	20.86	185.2	7.00	-438.8	1.2
21	10	9.96	551	773	19.43	177.9	7.01	-438.0	2.2
23	11	9.96	551	773	20.63	182.6	7.01	-438.7	2.3
25	12	9.93	550	775	19.83	181.0	7.04	-439.6	1.5
ISCO Readings @0843		10	508	711	7.60	67.20	7.0	417.17	2.9

* Note: Measuring tape - tied OFF 1.0ft - onto top of East Bank - far from ISCO set up. Starting point at 3ft. - where water begins at bank.

Cross-Section YSI Check

station 8
date 4/22/02

start time 1129
end time 1148

Distance** (ft)	point	temp. (C)	cond. (uS/cm)	Sp. Cond (uS/cm)	DO (mg/L)	DO%	pH	ORP (mV)	Turb. (NTU)
4	1	11.79	529	708	9.01	83.5	7.37	-434.7	4.4
6	2	11.78	529	707	9.29	86.0	7.36	-433.6	4.8
8	3	11.79	530	709	9.32	86.7	7.36	-434.6	4.8
10	4	11.80	530	709	9.08	84.2	7.35	-434.4	3.7
12	5	11.81	530	708	9.00	83.4	7.35	-434.4	5.2
14	6	11.81	530	708	8.98	83.2	7.34	-434.2	3.3
16	7	11.80	530	708	8.99	83.2	7.33	-435.2	3.5
18	8	11.80	530	708	8.99	83.2	7.32	-436.3	3.7
20	9	11.80	530	709	8.98	83.2	7.32	-435.2	3.4
22	10	11.80	530	708	8.98	83.1	7.32	-435.3	3.8
24	11	11.80	529	708	8.97	83.1	7.31	-435.2	5.7
26	12	11.80	529	708	8.97	83.1	7.31	-435.0	3.4
28	13	11.80	529	707	8.97	83.1	7.31	-435.0	4.0
30	14	11.79	529	707	8.97	83.0	7.30	-434.7	3.6
32	15	11.79	529	707	8.98	83.1	7.30	-434.4	3.6
34	16	11.79	529	707	8.93	82.7	7.30	-434.8	4.0
36	17	11.78	529	708	8.95	82.8	7.30	-434.4	4.4
38	18	11.78	529	707	9.14	84.5	7.30	-433.8	4.2
40	19	11.77	529	707	9.07	84.0	7.29	-433.9	3.7
ISCO Reading @1122		11.8	524	508	7.80	72.10	7.0	364.0	5803

** - Note: 4.0ft - zero mark - where water begin

CLICK TO CONTINUE

Cross-Section YSI Check

station 1
date 4/23/02
start time 0928
end time 0935

Distance start from ~~East~~ North Bank

	point	temp. (C)	cond. (uS/cm)	Sp. Cond (uS/cm)	DO (mg/L)	DO%	pH	ORP (mV) **	Turb. (NTU)
0	1	7.94	415	616	10.43	88.1	6.94	-239.0	1.2
1	2	7.94	415	615	10.38	87.7	6.94	-238.3	-1.0
2	3	7.95	414	615	10.22	86.4	6.94	-237.6	-1.1
3	4	7.96	414	614	10.22	86.2	6.94	-237.3	-0.5
4	5	7.97	414	614	10.19	86.2	6.94	-237.2	-0.9
5	6	7.98	414	613	10.19	86.2	6.94	-236.7	-0.9
6	7	7.99	414	613	10.19	86.2	6.94	-236.5	-1.1
7	8	7.99	414	613	10.19	86.2	6.94	-236.3	-1.2
ISCO Readings @ 0915		7.8	447	665	10.5	88.4	7.1	184.7	92.5

** Note: ORP probe not functioning properly - would not calibrate - see log sheet for details.

Cross-Section YSI Check

station _____
date _____
start time _____
end time _____

point	temp. (C)	cond. (uS/cm)	Sp. Cond (uS/cm)	DO (mg/L)	DO%	pH	ORP (mV)	Turb. (NTU)