Cross-Section YSI Check

station 4
date 12/3/01

start time 1323
end time 1327

Distance from edge of pipe	point	temp. (C)	cond. (uS/cm)	Sp. Cond (uS/cm)	DO (mg/L)	DO%	pH	ORP (mV)	Turb. (NTU)
1.0	1	7.98	620	919	10.55	69.3	6.99	189.1	216.2
2.0	2	8:02	619	915	10.33	87.5	6.98	182.0	25.4
Water ends 2.5 ft from edge.									
ISCO Readings at 1320		8.0	412	610	10.5	89.20	7.0	400.1	26.9

Cross-Section YSI Check

station 3
date 12/3/01

start time 1344
end time 1349

distance from Bank	point	temp. (C)	cond. (uS/cm)	Sp. Cond (uS/cm)	DO (mg/L)	DO%	pH	ORP (mV)	Turb. (NTU)
20	1	7.43	552	841	7.73	64.4	6.70	96.8	44.2
40	2	7.45	547	828	7.08	58.6	6.64	[illegible]	13.0
60	3	7.21	548	831	7.02	58.3	6.65	74.8	19.7
80	4	7.24	552	835	7.26	60.5	6.65	72.1	38.8
ISCO Readings at 1350		7.3	507.0	765.0	6.50	54.40	6.6	356.7	488.3?

80-5

Cross-Section YSI Check

station 7 start time 1159
date 12/13/01 end time 1207

distance from culvert wall	point	temp. (C)	cond. (uS/cm)	Sp. Cond (uS/cm)	DO (mg/L)	DO%	pH	ORP (mV)	Turb. (NTU)
0	1	7.82	540	803	8.58	73.0	7.07	204.1	10.3
2	2	7.55	524	786	7.75	65.1	7.00	200.0	7.8
4	3	7.53	523	785	7.51	63.0	6.97	198.5	9.2
6	4	7.54	523	785	7.44	62.3	6.95	196.5	10.3
8	5	7.55	523	785	7.43	62.2	6.93	194.4	15.0
10	6	7.55	523	784	7.41	62.0	6.92	193.0	7.4
12	7	7.55	523	784	7.41	62.0	6.91	190.2	7.6
14	8	7.56	524	786	7.41	62.0	6.90	188.6	12.8
15.5	9	7.58	528	792	7.37	61.7	6.87	181.8	14.7
Isco Readings at 1146		7.4	503	757	7.00	58.5	6.9	432.8	4.7

Cross-Section YSI Check

station 5 start time 1248
date 12/13/01 end time 1305

Distance from culvert wall	point	temp. (C)	cond. (uS/cm)	Sp. Cond (uS/cm)	DO (mg/L)	DO%	pH	ORP (mV)	Turb. (NTU)
0	1	7.38	590	889	12.85	107.1	7.16	199.7	23.4
2	2	7.37	589	888	12.85	107.1	7.11	196.7	34.6
4	3	7.38	589	888	12.79	106.6	7.10	194.8	30.6
6	4	7.04	583	887	12.64	104.7	7.09	192.1	34.4
8	5	6.82	575	887	12.30	101.5	7.08	191.3	29.4
10	6	6.80	578	886	12.20	100.3	7.08	188.1	37.5
12	7	6.82	578	885	12.24	100.6	7.07	187.6	22.2
14	8	6.86	578	885	12.34	100.6	7.01	186.8	23.1
16	9	6.83	577	884	12.12	99.7	7.08	186.7	23.7
18	10	7.00	579	882	12.06	99.7	7.09	187.6	24.0
Isco Readings at 1225		6.5	557	861	11.2	91.40	7.1	426.4	17.2

Cross-Section YSI Check

station 8
date 3/20/02

start time 1002
end time 1030

Dist. from near bank	point	temp. (C)	cond. (uS/cm)	Sp. Cond (uS/cm)	DO (mg/L)	DO%	pH	ORP (mV)	Turb. (NTU)
0	1	5.05	~~1130~~ 709	1130	13.74	108.0	8.08	34.9	5.9
2	2	4.92	686	1111	13.60	106.6	7.95	36.6	29.0
4	3	4.91	680	1104	13.46	105.4	7.74	40.8	6.9
6	4	4.90	676	1098	13.33	104.4	7.65	43.5	7.1
8	5	4.89	675	1096	13.25	103.8	7.58	45.3	6.5
10	6	4.90	675	1096	13.24	103.8	7.51	47.6	6.7
12	7	4.90	674	1093	13.23	103.7	7.44	48.1	6.8
14	8	4.90	673	1092	13.23	103.6	7.40	48.6	7.8
16	9	4.89	671	1090	13.22	103.6	7.37	50.9	7.7
18	10	4.88	670	1089	13.22	103.6	7.36	52.1	7.0
20	11	4.88	670	1088	13.22	103.6	7.35	53.5	7.6
22	12	4.88	670	1088	13.24	103.6	7.34	55.5	7.2
24	13	4.89	671	1089	13.23	103.7	7.33	58.2	6.6
26	14	4.89	670	1088	13.22	103.6	7.32	59.3	7.2
28	15	4.90	670	1087	13.22	103.6	7.32	60.5	7.6
30	16	4.90	670	1088	13.21	103.5	7.31	61.8	8.2
32	17	4.92	673	1092	13.21	103.7	7.31	63.6	14.2
34	18	4.95	673	1090	13.33	104.6	7.31	64.9	56.4
36	19	4.96	676	1095	13.40	105.2	7.32	66.3	19.3
1 ft to bank									
Isco readings at 0933		4.8	649	1056	10.5	~~7.24~~ 82.3	7.2	235.2	7.0

Cross-Section YSI Check

station 7
date 3/20/02

start time 1048
end time 1054

	point	temp. (C)	cond. (uS/cm)	Sp. Cond (uS/cm)	DO (mg/L)	DO%	pH	ORP (mV)	Turb. (NTU)
0	1*	4.71	540	882	13.45	104.9	7.39	54.7	5.6
2	2	4.71	540	881	13.40	104.4	7.29	59.5	6.5
4	3	4.71	540	881	13.38	104.3	7.26	61.0	6.0
6	4	4.71	540	881	13.36	104.2	7.23	62.2	5.5
8	5	4.72	539	880	13.37	104.2	7.21	62.7	5.7
10	6	4.72	539	879	13.38	104.3	7.19	63.6	6.0
12	7	4.73	538	879	13.37	104.2	7.17	64.1	6.8
14	8	4.73	538	879	13.37	104.2	7.18	63.7	6.3
15.5	9	4.73	539	879	13.35	104.1	7.18	63.9	6.4
Isco readings at 1045		~~4.8~~ 4.8	545	889	12.5	97.7	7.3	267.4	-1.1

* beginning at bank under SG station

CLICK TO CONTINUE

Cross-Section YSI Check

station 6
date 3/20/02

start time 1117
end time 1133

	point	temp. (C)	cond. (uS/cm)	Sp. Cond (uS/cm)	DO (mg/L)	DO%	pH	ORP (mV)	Turb. (NTU)
0	*1	4.45	516	850	~~15.1~~ 13.11	101.6	7.19	60.0	87.1
2	2	4.43	517	852	12.85	99.2	7.09	66.5	44.0
4	3	4.47	517	851	12.54	96.9	7.07	67.8	39.5
6	4	4.48	518	851	12.49	96.8	7.06	69.0	8.7
8	5	4.49	517	850	12.51	96.9	7.05	69.8	6.9
10	6	4.49	518	851	12.53	97.1	7.05	69.8	7.7
12	7	4.50	518	852	12.53	97.0	7.03	67.7	7.0
14	8	4.51	519	852	12.53	97.1	7.02	67.8	5.4
16	9	4.51	519	852	12.55	97.3	7.02	67.4	7.8
18	10	4.52	519	852	12.56	97.4	7.03	66.9	7.0
20	11	4.52	518	851	12.55	97.3	7.02	66.5	7.1
22	12	4.52	519	852	12.54	97.3	7.02	66.2	56.9
0.5ft from bank									
	* starting from near end								
	Isco readings at 1115	4.5	540	888	15.0	116.3	7.1	258.4	2.2

Cross-Section YSI Check

station 5
date 3/20/02

start time 1153
end time 1206

	point	temp. (C)	cond. (uS/cm)	Sp. Cond (uS/cm)	DO (mg/L)	DO%	pH	ORP (mV)	Turb. (NTU)
0	1*	5.09	485	782	12.44	97.7	7.08	74.3	6.8
2	2	5.11	483	780	12.26	96.5	7.01	72.1	6.8
4	3	5.12	484	779	12.22	96.2	6.97	68.2	7.0
6	4	5.14	483	777	12.20	96.2	6.96	64.8	7.3
8	5	5.16	482	777	12.20	96.2	6.94	63.1	8.0
10	6	5.19	480	773	12.19	96.2	6.93	61.2	7.8
12	7	5.19	479	771	12.21	96.4	6.93	59.6	8.2
14	8	5.20	480	772	12.38	97.7	6.92	56.6	8.3
16	9	5.21	480	772	12.40	97.9	6.91	56.5	7.7
18	10	5.40	482	770	12.48	99.1	6.93	58.0	7.8
	* starting from near end								
	Isco Readings at 1150	5.2	419	675	12.2	96.5	6.9	330.5	2.1