

TABLE A2. Physical Properties Data

Inflow Physical Properties							Drain Physical Properties						
Date	Time	pH	Eh	Temp	Cond	Alk	Date	Time	pH	Eh	Temp	Cond	Alk
			mV	C	microS	ppm				mV	C	microS	ppm
3/3/2000	1500	8.2	112	x	606	176	3/3/2000	1500	8.3	88	19	245	224
3/11/2000		8.9	88.7	16.7	528	160	3/11/2000		8.9	58	18.8	228	192
3/18/2000		9.2	25.5	13	497	128	3/18/2000		8.9	41.5	9.9	201	192
3/25/2000	1400	8.1	73.5	27.6	563	144	3/25/2000	1400	8.1	88.5	23.9	225	224
4/1/2000	1605	8.9	113.4	9.3	572	160	4/2/2000	1600	8.2	69.8	17.9	239	256
4/8/2000	900	7.7	181.8	13.2	520	192							
4/8/2000	1210	8.2	172.7	13.7	550	192							
4/8/2000	1510	8	168.5	16.1	540	192							
4/8/2000	1805	7.5	162.5	16.3	530	192	4/8/2000	1920	7	183.5	17.5	265	256
4/8/2000	2125	7.5	165.2	14.7	520	176							
4/9/2000	0	8.1	155.9	13.3	530	176							
4/9/2000	300	8.2	175.9	11.5	550	176							
4/9/2000	600	7.6	209	10.5	550	176							
4/9/2000	900	7.8	183.1	11.7	540	176							
4/17/2000	1500	7.2	143.8	17.2	540	176	4/17/2000	1630	7.5	146.9	22.4	261	272
4/23/2000	1530	7.1	127.7	18.6	618	176							
4/30/2000		8.5	131.8	18.1	620	176	4/30/2000		8	120.8	21.3	271	256
5/6/2000	1700	8	126.6	23.7	633	192	5/6/2000	1600	8.1	114.1	27.2	269	288
5/14/2000	1300	8	230	22.9	560	176	5/14/2000	1300	8.6	240	26.2	256	256
5/20/2000	1600	8.9	245	22.2	600	210	5/20/2000	1500	8.4	255	27.2	275	262
5/27/2000	1420	8.1	210	26.5	614	176	5/27/2000	1930	9.2	235	31.9	254	214
6/3/2000	1105	8.4	190	22.9	668	204	6/3/2000	1200	8.2	210	29.1	270	256
6/10/2000	1230	8.4	170	23.7	502	176	6/10/2000	1230	8.4	x	29.8	257	242
6/17/2000	1840	8.6	185	22.9	511	180	6/17/2000	1900	8.1	245	24.6	278	280
6/24/2000	1000	8.6	190	23.7	562	220	6/24/2000	1100	8.1	210	23.6	258	324
7/2/2000	1500	8.3	180	25.6	516	304	7/2/2000	1500	8.2	185	28	235	288
7/8/2000	1130	8.3	155	24.7	754	208	7/8/2000	1150	8	175	26.8	200	320
7/15/2000	1300	8.4	280	26.6	520	184	7/15/2000	1300	8.1	300	30.7	260	308
7/22/2000	1545	8.5	195	26.4	535	184	7/22/2000	1545	8.2	185	33	261	268
7/29/2000	1700	8.3	85	x	560	196	7/29/2000	1700	8.1	140	x	242	316
8/5/2000	1100	8.5	140	25	561	196	8/5/2000	1100	8.1	155	22.8	253	336
8/12/2000	1900	8.3	185	26.2	524	200	8/12/2000	1900	8.3	180	26	259	320
8/20/2000	1100	8.1	190	24.5	528	176	8/20/2000	1100	8	190	24.5	272	264
8/26/2000	1000	8.2	115	23.7	577	200	8/26/2000	1000	8	185	25	278	300
9/2/2000	1000	8.3	200	21.8	547	182	9/2/2000	1000	8	210	23.8	265	284
9/10/2000	900	8.6	100	21.4	597	200	9/10/2000		8.4	90	23.1	260	332
9/17/2000	1045	8.5	105	22.7	537	160	9/17/2000	1045	7.9	65	21.2	275	300
9/23/2000	930	8.4	120	19.3	568	180	9/23/2000	930	8.4	115	18.3	568	170
9/29/2000	600	8.2	75	20.8	637	200	9/29/2000	1830	8.4	90	23.1	260	200
9/30/2000	0	8.4	65	19.6	606	200	9/30/2000	0	7.9	x	18.6	275	322
9/30/2000	700	8.5	120	16.8	584	160	9/30/2000	700	7.9	x	15.8	280	315
9/30/2000	1200	8.4	95	22.1	673	180	9/30/2000	1200	7.9	110	23.7	265	256
9/30/2000	1700	8.4	110	23.2	698	228	9/30/2000	1730	8.2	105	26.7	270	280
10/7/2000	1200	8.7	75	13.8	535	220	10/7/2000		8	110	14.7	220	260
10/14/2000	1000	8.4	80	16.5	624	220	10/14/2000		8.2	65	17.8	320	235
10/21/2000		8.7	105	16.2	568	x	10/21/2000		7.9	115	17.2	222	292
10/28/2000	1100	8.3	100	13.6	400	300	10/28/2000	1100	7.7	90	15.3	202	300

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Date	Time	pH	Eh	Temp	Cond	Alk	Date	Time	pH	Eh	Temp	Cond	Alk
			mV	C	microS	ppm				mV	C	microS	ppm
11/4/2000	900	8.5	85	10.5	575	150	11/4/2000	900	7.9	65	12.9	240	280
11/11/2000		8.7	115	9.3	599	184	11/11/2000		8.2	130	13.4	300	227
11/18/2000		8.7	145	6	604	172	11/18/2000		8.4	185	13.1	250	300
11/26/2000		8.5	90	7.8	516	160	11/26/2000		7.9	115	11.2	238	312
12/2/2000		8.7	100	6.9	641	195	12/2/2000		8.4	105	11.6	242	222
12/9/2000		8.8	95	10.6	574	194	12/9/2000		8.4	110	16.4	232	140
12/16/2000	1500	8.7	100	7.7	585	178	12/16/2000	1500	8.4	110	13.7	248	260
12/22/2000	1600	8.7	155	5.2	x	182	12/22/2000	1600	8.4	200	13.1	200	246
12/30/2000	1300	8.6	100	5.8	200	176	12/30/2000	1300	8.3	105	14.4	217	262
1/6/2001	1400	8.6	110	7.3	605	164	1/6/2001	1400	8.4	130	14.5	250	256
1/13/2001	1600	8.4	195	4.8	531	164	1/13/2001	1600	8	215	8.9	227	284
1/20/2001	1500	8.5	112	5.9	674	162	1/20/2001	1500	8.1	130	14.6	229	260
1/29/2001	1400	7.9	190	9.2	572	195	1/29/2001	1400	8.2	145	13.2	225	244
2/3/2001	1400	8.6	110	10	722	195	2/3/2001	1400	8.4	110	16.6	245	260
2/11/2001	400	8.7	70	12.5	760	160	2/11/2001	400	8.2	100	15	252	262
2/17/2001	1500	8.9	60	9.3	701	156	2/17/2001	1500	8.2	110	13.2	238	244
2/25/2001	1700	8.5	65	10.1	663	161	2/25/2001	1700	8	100	13.2	218	245
3/4/2001	1600	8.7	55	12.7	577	164	3/4/2001	1600	8.1	100	17.1	234	221
3/10/2001	1500	8.5	65	12.4	694	180	3/10/2001	1500	8.3	110	15.4	237	248
3/17/2001	1400	8.5	65	12.4	467	156	3/17/2001	1400	8.1	110	14.8	244	240
3/24/2001	1600	8.5	70	18.3	534	162	3/24/2001	1600	8.1	140	18.9	213	242
3/31/2001	1500	8.2	90	15.4	553	146	3/31/2001	1500	7.9	115	17.6	x	240
4/7/2001	1600	8.2	120	17.3	601	136	4/7/2001	1600	8	125	19.4	262	246
4/14/2001	1600	8.4	105	21.8	654	136	4/14/2001	1600	7.9	115	23.1	272	256
4/22/2001	1600	8.5	120	18.6	601	136	4/22/2001	1600	7.9	125	22.7	279	238
4/28/2001	1400	8.5	125	25	582	148	4/28/2001	1400	8.2	140	18.9	255	224
5/6/2001	1400	8.6	85	25	553	124	5/6/2001	1400	7.8	110	25	274	232
5/12/2001	1400	x	x	x	x	x	5/12/2001	1400	x	x	x	x	x
5/19/2001	100	8.4	120	19.9	516	128	5/19/2001	100	7.5	25	17.8	186	288
5/19/2001	700	8.2	115	18.4	491	176	5/19/2001	700	7.4	25	17.1	267	212
5/19/2001	1300	8.4	175	25	532	116	5/19/2001	1300	7.6	140	25	265	268
5/19/2001	1900	8.2	115	25	540	136	5/19/2001	1900	7.6	115	25	261	x
5/26/2001	1100	8.2	90	23.1	511	156	5/26/2001	1100	7.7	90	25	260	246
6/2/2001	1700	8.4	195	20	500	156	6/2/2001	1700	7.6	95	18	257	336
6/9/2001	900	8.4	110	22	592	172	6/9/2001	900	7.6	115	x	262	320

Note: Blank Cells indicate that no sample was taken. An "x" indicates that data results are incomplete.