

MP: W2

Discharge from Final Wetland

Lat. 41-04-58 Long. 079-08-21

Coll ID	Seq	Date Collected	Initial Flow	Final Flow	Determ Method	pH pH units	ALK MG/L	HOT A MG/L	FE MG/L	MN MG/L	AL MG/L	SO4 MG/L	TSS MG/L	NA MG/L
4237	382	9/3/1998	65	65	Meas	6.3	24	0	0.3	8.95	<.5	545	<3	12.7
4237	395	9/10/1998	65	65	Meas	7	116	0	0.395	3.52	<.5	568.8	6	19.6
4237	432	9/23/1998	71	71	Meas	7.5	128	0	0.353	2.21	<.5	466	<3	17.1
4237	475	10/14/1998	50	50	Meas	7	114	0	0.603	2.03	<.5	538.7	<3	11.6
4237	502	10/28/1998	80	80	Meas	7	112	0	1.14	1.94	<.5	557.8	<3	12.3
4237	538	11/12/1998	36	36	Meas	7.4	106	0	0.533	1.97	<.5	576.4	6	13.1
4237	566	11/23/1998	28	28	Meas	7	100	0	1.4	2.12	<.5	600.5	<3	14.8
4237	590	12/8/1998	10	10	Meas	6.9	74	0	0.863	2.43	<.5	562	<3	16.1
4237	610	12/21/1998	12	12	Meas	6.6	44	0	2.87	2.18	<.5	394	<3	<10.000
4237	640	1/27/1999				6.8	148	0	14.3	3.11	0.517	472.3	6	15.7
4237	675	2/10/1999				7.2	180	0	2.36	2.48	<.5	513.4	<3	13.2
4237	731	2/26/1999				7.3	194	0	3.79	2.37	0.588	483.8	4	11.4
4237	764	3/12/1999	150	150	Est	7	194	0	4.49	2.6	0.612	437.4	22	10.2
4237	793	3/26/1999	139	139	Meas	7	146	0	3.33	3.39	<.5	595	<3	10.6
4237	844	4/8/1999	148	148	Meas	7.3	146	0	1.36	2.98	<.5	598	<3	<10.000
4237	905	4/20/1999	158	158	Meas	6.7	98	0	11.1	3.43	<.5	487.6	16	<10.000
4237	944	5/11/1999	158	158	Meas	6.7	72	0	7.63	4.05	<.5	575.5	6	<10.000
4237	990	5/27/1999	189	189	Meas	6.5	56	0	11.1	3.86	<.5	659.1	4	<10.000
4237	45	6/10/1999	168	168	Meas	6.3	32	0	6.26	3.89	<.5	648.9	<3	<10.000
4237	69	6/24/1999	139	139	Meas	6	22	9.4	8.19	3.79	<.5	619.4	<3	<10.000
4237	120	7/15/1999	91	91	Meas	4	3.4	60	13	4.14	3.64	624.4	4	<10.000
4237	152	7/28/1999	65	65	Meas	3.7	0	84	1.31	4.58	8.93	624.6	<3	<10.000
4237	177	8/12/1999	60	60	Meas	3.4	0	112	3.09	5.07	11.3	522	<3	10.3
4237	189	8/20/1999	168	168	Meas	6.3	58	0	3.26	2.9	<.5	698	<3	13
4237	198	8/26/1999	139	139	Meas	6.6	76	0	0.895	2.64	<.5	566.4	8	11
4237	230	9/10/1999	54	54	Meas	6.6	66	0	0.551	2.87	<.5	619.5	<3	11.2
4214	473	10/7/1999	21.7	21.7	Meas	5.9	16.6	0	<.3	3.07	<.5	674.9	4	<10.000
4237	254	11/5/1999	105	105	Meas	6.6	86	0	1.61	2.91	<.5	543.5	6	12.1
4237	271	11/12/1999	65	65	Meas	6.8	96	0	<.3	2.68	<.5	729	4	12.3
4237	291	11/18/1999	54	54	Meas	6.7	100	0	0.662	2.77	<.5	711	<3	13.7
4237	313	12/10/1999	44	44	Meas	6.2	52	0	2.73	2.92	2.59	585	8	10.3
4237	336	1/5/2000	77	77	Meas	5.6	17.4	0	10.4	3.72	4.15	592.3	4	<10.000
4237	398	1/28/2000				6.6	108	0	11.6	2.95	<.5	609.5	<3	11.8
4237	416	2/9/2000	77	77	Meas	6.4	104	0	11.7	3.06	<.5	727	12	10.9
4237	436	2/25/2000	71	71	Meas	4.9	10.8	32	10.1	2.88	3.94	301.5	<3	<10.000
4237	487	3/10/2000	77	77	Meas	5.9	22	896	9.83	4.28	1.09	581.9	<3	<10.000
4237	523	3/23/2000	91	91	Meas	4.7	10.4	80	21	4.32	4.46	600.9	4	<10.000
4237	541	4/6/2000	130	130	Meas	3.9	0	100	20.4	4.36	9.46	443	<3	<10.000
4237	570	4/20/2000	178	178	Meas	5.9	28	8.8	9.54	3.5	1.02	530.6	6	<10.000
4237	599	5/4/2000	98	98	Meas	4.8	9.4	34	11.4	3.81	1.24	588.3	8	<10.000
4237	642	5/25/2000	211	211	Meas	5.5	15.2	4.6	0.455	3.51	<.5	480.4	<3	<10.000
4237	679	6/12/2000	65	65	Meas	3.3	0	148	2.63	5.26	13.9	586.9	<3	<10.000
4237	692	6/19/2000	45	45	Meas	3.3	0	162	2.62	5.69	17.4	612	<3	<10.000
4237	764	7/25/2000	178	178	Meas	4	2.4	17	0.322	2.78	0.692	478.3	<3	11.4

4237	799	8/15/2000	77	77	Meas	3.9	0	24	0.307	3.36	1.65	556.8	<3	11.8
4237	847	9/5/2000	35	35	Meas	3.9	0	32	0.61	3.86	1.65	624.3	<3	12.8
4237	874	9/27/2000	72	72	Meas	6.1	34	0	<.3	2.78	1.32	504.3	4	13.5
4237	917	10/4/2000	56	56	Meas	6.4	72	0	<.3	2.5	<.5	621.2	10	12.5
4237	949	10/18/2000	35	35	Meas	6.5	56	0	<.3	2.86	<.5	495.7	6	12.2
4237	964	10/24/2000	17	17	Meas	6.5	38	0	<.3	3.29	<.5	517	8	12.9
4237	5	11/1/2000	12	12	Meas	6	19.2	0	<.3	3.3	<.5	512	7.2	10.7
4237	15	11/7/2000	20	20	Meas	6.2	32	0	<.3	2.95	<.5	657	4	12.7
4237	36	11/14/2000	28	28	Meas	6.7	56	0	<.3	2.34	<.5	482	<3	12.6
4237	45	11/21/2000	31	31	Meas	6.7	70	0	<.3	2.73	<.5	609.7	10	14.6
4237	58	12/6/2000	20	20	Meas	5.9	36	0	1.95	3.81	1.14	536.5	12	11.4
4237	74	12/20/2000	51	51	Meas	6.5	84	0	1.9	2.61	1.14	508	12	11
4237	98	1/3/2001				6.8	132	0	1.32	2.46	<.5	519.4	10	11.7
4237	112	1/10/2001				6.7	120	0	0.467	2.07	<.5	469.7	14.4	11.3
4237	163	2/7/2001	47	47	Meas	6.7	92	0	0.738	2.66	<.5	398	12	
4237	184	2/21/2001	35	35	Meas	6.5	62	0	0.304	3.11	<.5	408.8	16	
4237	244	3/21/2001	35	35	Meas	5.3	13.6	6.8	1.2	4	1.38	534.6	<3	
4237	290	4/11/2001	72	72	Meas	6.6	66	0	<.3	2.89	0.5	446	<3	
4237	356	5/2/2001	72	72	Meas	6.7	68	0	<.3	2.03	<.5	497	<3	
4237	455	5/30/2001	66	66	Meas	7	120	0	<.3	0.592	<.5	557.4	8	
4237	510	6/26/2001	72	72	Meas	6.9	116	0	<.3	0.399	<.5	473.7	<3	
4237	574	7/19/2001	77	77	Meas	7.1	140	0	<.3	0.307	<.5	452.4	4	
4237	619	8/8/2001	31	31	Meas	7.2	112	0	<.3	1.08	<.5	570.6	<3	
4237	666	9/12/2001	14	14	Meas	6.4	28	0	<.3	0.94	<.5	381	<3	
4237	703	10/2/2001	17	17	Meas	5.9	15	12.8	<.3	1.23	<.5	374	<3	
4237	794	11/14/2001	19	19	Meas	6.1	24	18.4	0.376	1.77	<.5	623.7	8	
4237	824	12/5/2001	25	25	Meas	5.1	9	32	1.18	2.83	1.76	655.5	8	
4237	907	1/23/2002	40	40	Meas	6.7	134	0	2.42	1.84	<.5	552.5	<3	
4237	965	2/13/2002	133	133	Meas	6.3	58	0	5.57	3.11	1.46	465.7	10	
4237	40	3/14/2002	83	83	Meas	6.6	80	0	3.63	2.11	<.5	454.1	4	
4237	70	4/4/2002	110	110	Meas	6.5	46	0	7.89	2.95	<.5	414.8	12	
4237	182	5/16/2002	83	83	Meas	4.8	7.8	59.2	7.75	3.43	2.33	441.6	4	
4237	226	6/4/2002	118	118	Meas	6.3	42	1.6	2.04	2.58	<.5	402.2	8	
4237	278	7/10/2002	61	61	Meas	3.7	0	44.6	1.73	3.76	0.797	445.3	4	
4237	349	8/8/2002	28	28	Meas	3.6	0	124.6	6.19	2.05	1.83	559.9	12	
4237	383	9/4/2002	17	17	Meas	3.4	0	121.8	1.44	6.61	11.7	594.6	<3	
4237	413	10/1/2002	22	22	Meas	3.5	0	139.8	0.664	4.59	11.2	502.5	4	
4237	523	12/16/2002	25	25	Meas	3.6	0	84	1.92	2.45	6.13	332.2	<3	
4237	620	3/20/2003	44	44	Meas	3.4	0	116.2	2.58	4.45	13.2	347.9	<3	
4227	11	4/23/2003	150	150	Meas	6.4	34.8	4	0.457	1.65	<.5	443.7	4	
4237	760	5/22/2003	125	125	Meas	5.9	18.6	23	<.3	1.44	1.08	311.6	<3	
4237	801	6/23/2003	9	9	Meas	3.6	0		0.989	6.89	17.4			
4237	863	7/30/2003	56	56	Meas	6.4	124	26.8	1.3	0.898	<.5	400.8	74	
4237	905	8/20/2003	133	133	Meas	6.3	81.4	0	1.81	2.03	<.5	476.7	6	
4237	944	9/25/2003	178	178	Meas	7	118	0	0.725	1.14	<.5	443.6	<3	
4237	989	10/9/2003	28	28	Meas	7	123	0	0.489	1.14	<.5	560.8	8	
4237	48	11/18/2003	66	66	Meas	6.4	50	0	4.9	2.47	<.5	497	<3	
4237	57	12/9/2003	96	96	Meas	6.1	57.6	0	9.22	2.55	<.5	392.1	8	
4237	121	3/25/2004	72	72	Meas	3.5	0	148.6	11.2	4.45	14	564.8	<3	

4237	218	5/20/2004	39	39	Meas	3.1	0	166	5.44	5.18	16.5	555.1	<3
4237	259	6/17/2004	35	35	Meas	3	0	194.4	8.98	5.08	16	466.3	<3
4237	280	7/8/2004	35	35	Meas	3	0	228	14.3	5.57	18.2	584.5	4
4237	352	8/18/2004	22	22	Meas	3.2	0	246.8	12.1	6.64	29.9	511.3	<3
4237	381	9/22/2004	47	47	Meas	3.1	0	325.8	15.5	6.56	30.7	588	6
4237	451	10/19/2004	42	42	Meas	3.1	0	264	21.9	5.85	23.3	506.4	<3
4237	500	11/17/2005	28	28	Meas	3.1	0	249.4	26	6.42	24.6	533.7	4
4237	527	12/21/2005	40	40	Est	3.1	0	304.2	38.2	7.92	28.7	793.6	8
4237	625	3/29/2005	77	77	Meas	3.4	0	121.2	9.88	2.92	9.25	365.5	<3
4237	716	4/28/2005	72	72	Meas	5.4	12.4	30.8	2.61	2.3	1.52	501	<3
4237	780	5/27/2005	61	61	Meas	6.4	36.8	14.8	1.78	1.81	<.5	287.2	<3
4237	793	6/28/2005	31	31	Meas	3.6	0	55.6	7.17	2.59	0.572	395.7	<3
4237	843	7/21/2005	18	18	Meas	3.4	0	100.2	10.2	3.8	3.7	533.9	<3