

Date	Time	Hours	FLOW gpm	pH units	Alk mg/L	Acidity mg/L	Fe mg/L	Mn mg/L	Al mg/L	SO4 mg/L	TSS mg/L	Na mg/L
11/5/1998	1:00		28	2.8	0	664	126	72.5	9.4	1905.9	<3	<10
11/5/1998	6:00		28	2.8	0	676	136	78.3	10.2	2011	4	<10
11/5/1998	7:00		28	2.8	0	662	121	69.8	8.94	1927.6	<3	<10
11/9/1998	17:06	0	23.8									
11/9/1998	18:06	1	23.8									
11/9/1998	19:06	2	23.8									
11/9/1998	20:06	3	23.8									
11/9/1998	21:06	4	23.8									
11/9/1998	22:06	5	23.8									
11/9/1998	23:06	6	23.8									
11/10/1998	0:06	7	23.8									
11/10/1998	1:06	8	23.8									
11/10/1998	2:06	9	23.8									
11/10/1998	3:06	10	23.8									
11/10/1998	4:06	11	23.8									
11/10/1998	5:06	12	23.8									
11/10/1998	6:06	13	27.8									
11/10/1998	7:06	14	30.7	2.8	0	650	143	80.7	11.2	1719.1	6	<10
11/10/1998	8:06	15	35.3	2.8	0	660	145	81.3	11.2	1766.5	6	<10
11/10/1998	9:06	16	38.7	2.8	0	664	146	81.4	11.3	1635.3	6	<10
11/10/1998	10:06	17	39.5	2.8	0	660	149	83.4	11.5	1836.6	4	<10
11/10/1998	11:06	18	40.4	2.8	0	670	145	81	11.2	1985.4	4	<10
11/10/1998	12:06	19	47.7	2.8	0	670	149	83.3	11.6	1646	<3	<10
11/10/1998	13:06	20	42.2	2.7	0	688	139	76.7	10.1	1521.6	6	<10
11/10/1998	14:06	21	44	2.7	0	682	142	78.1	10.4	1979	14	<10
11/10/1998	15:06	22	44	2.7	0	684	132	72.5	9.47	1615.9	4	<10
11/10/1998	16:06	23	44	2.7	0	672	134	73.2	9.54	1766.1	<3	<10
11/10/1998	17:06	24	44	2.7	0	682	132	72.6	9.49	1961.7	4	<10
11/10/1998	18:06	25	42.2	2.7	0	616	131	71.9	9.36	1792	4	<10
11/10/1998	19:06	26	44	2.8	0	612	130	70.8	10.1	1501.3	10	<10
11/10/1998	20:06	27	38.7	2.8	0	620	141	76.9	11.2	1544.9	8	<10
11/10/1998	21:06	28	37.3	2.8	0	610	123	66.6	9.53	1680.7	6	<10
11/10/1998	22:06	29	37	2.8	0	584	129	70.5	10.2	1558	6	<10
11/10/1998	23:06	30	40.4	2.8	0	612	145	79.1	11.5	1607.4	10	<10
11/11/1998	0:06	31	44	2.8	0	610	131	71.1	10.2	1588.3	6	<10
11/11/1998	1:06	32	45.8	2.8	0	636	134	74.2	10.2	1652.8	<3	<10
11/11/1998	2:06	33	45.8	2.8	0	648	140	77.8	10.7	1968.5	<3	<10
11/11/1998	3:06	34	45.8	2.8	0	658	139	77.5	10.8	1869.1	<3	<10
11/11/1998	4:06	35	46.6	2.8	0	658	134	74.7	10.3	1739	20	<10
11/11/1998	5:06	36	47.7	2.8	0	644	137	76.2	10.6	1717.1	6	<10
11/11/1998	6:06	37	45.8	2.8	0	654	138	77	10.7	1607.8	6	<10
11/11/1998	7:06	38	45.8	2.8	0	616	125	67.3	9.69	1533.5	<3	<10
11/11/1998	7:10	39	45.8	2.8	0	650	144	79.7	11.1	1635.3	6	<10
11/11/1998	8:06	40	44	2.8	0	610	122	65.8	9.32	2112.5	4	<10
11/11/1998	9:06	41	42.2	2.8	0	616	124	66.8	9.49	1907.2	4	<10
11/11/1998	10:06	42	41	2.8	0	614	126	67.9	9.67	2035.5	4	<10
11/11/1998	11:06	43	39.8	2.8	0	616	136	73.9	9.96	1667	4	<10
11/11/1998	12:06	44	38.7	2.8	0	660	133	72.8	9.83	1975.2	4	<10
11/11/1998	13:06	45	37.5	2.8	0	666	138	75.6	10.3	1851.6	4	<10
11/11/1998	14:06	46	36.4	2.8	0	662	135	74	9.97	1879	6	<10
11/11/1998	15:06	47	35.4	2.8	0	670	139	76.1	10.4	1896.3	6	<10
11/11/1998	16:06	48	34.3	2.8	0	678	139	76.2	10.5	1905.4	<3	<10

Date	Time	Hours	FLOW gpm	pH units	Alk mg/L	Acidity mg/L	Fe mg/L	Mn mg/L	Al mg/L	SO4 mg/L	TSS mg/L	Na mg/L
11/11/1998	17:06	49	33.2	2.8	0	668	138	75.5	10.2	1951.7	<3	<10
11/11/1998	18:06	50	32.2	2.8	0	660	137	74.8	10.4	1944.4	<3	<10
11/11/1998	19:06	51	31.2	2.8	0	682	137	75	10.2	1741.2	<3	<10
11/11/1998	20:06	52	30.2	2.8	0	672	141	76.7	10.4	1861.6	<3	<10
11/11/1998	21:06	53	26.4	2.8	0	660	135	73.8	10	1752.3	<3	<10
11/11/1998	22:06	54	26	2.8	0	664	136	74.3	10.1	1720	<3	<10
11/11/1998	23:06	55	25.5	2.8	0	670	133	72.5	9.76	1782.8	<3	<10
11/12/1998	0:06	56	25.1	2.8	0	652	136	74.1	9.94	1830	<3	<10
11/12/1998	1:06	57	25.1	2.8	0	660	145	79	11.2	1782.9	<3	<10
11/12/1998	2:06	58	24.6	2.8	0	674	135	73.5	10	1761.4	<3	<10
11/12/1998	3:06	59	24.3	2.8	0	664	133	72.7	10	1790.9	<3	<10
11/12/1998	4:06	60	24.3	2.8	0	672	144	79	10.9	1784.6	<3	<10
11/12/1998	5:06	61	24.3	2.8	0	664	138	75.1	10.3	1799.7	<3	<10
11/12/1998	6:06	62	24.3	2.8	0	672	141	77.3	10.6	1806.8	<3	<10
11/12/1998	7:06	63	24.3	2.8	0	618	166	90.6	11.3	1630	6	7.97
	8:06	64	22.1									
	9:06	65	22									
	10:06	66	22									
11/12/1998	11:06	67	21.9	2.8	0	620	153	84.6	10.8	1610	10	8.27
	12:06	68	21.9									
	13:06	69	21.9									
	14:06	70	21.8									
11/12/1998	15:06	71	21.8	2.8	0	618	146	80.5	10.4	1410	<2	8.58
	16:06	72	21.7									
	17:06	73	21.7									
	18:06	74	21.7									
11/12/1998	19:06	75	21.6	2.8	0	620	151	83.4	10.4	1670	12	8.46
	20:06	76	21.6									
	21:06	77	21.6									
	22:06	78	21.5									
11/12/1998	23:06	79	21.5	2.8	0	616	160	88.4	11.3	1700	<2	8.6
	0:06	80	21.4									
	1:06	81	21.4									
	2:06	82	21.4									
11/13/1998	3:06	83	21.3	2.8	0	618	164	89.9	10.4	1580	6	8.49
	4:06	84	21.3									
	5:06	85	21.2									
	6:06	86	21.2									
11/13/1998	7:06	87	21.2	2.8	0	612	161	87.6	10.7	1360	6	8.03
	8:06	88	21.1									
	9:06	89	21.1									
	10:06	90	21.3									
	11:06	91	21.5									
	12:06	92	21.6									
	13:06	93	21.8									
	14:06	94	21.8									
	15:06	95	21.8									
	16:06	96	21.8									
	17:06	97	21.8									
	18:06	98	21.8									
11/13/1998	19:06	99	21.8	2.8	0	608	166	90.3	11.4	1430	<2	7.7
	20:06	100	21.8									

Date	Time	Hours	FLOW gpm	pH units	Alk mg/L	Acidity mg/L	Fe mg/L	Mn mg/L	Al mg/L	SO4 mg/L	TSS mg/L	Na mg/L
	21:06	101	21.8									
	22:06	102	21.8									
	23:06	103	21.8									
	0:06	104	21.8									
	1:06	105	21.8									
	2:06	106	21.8									
	3:06	107	21.8									
	4:06	108	21.8									
	5:06	109	21.8									
	6:06	110	21.8									
11/14/1998	7:06	111	21.8	2.8	0	622	175	95.3	11.9	1550	4	8.51
	8:06	112	21.8									
	9:06	113	21.8									
	10:06	114	22.3									
	11:06	115	22.5									
	12:06	116	22.5									
	13:06	117	22.5									
	14:06	118	22.5									
	15:06	119	22.4									
	16:06	120	22.3									
	17:06	121	22.3									
	18:06	122	22.2									
11/14/1998	19:06	123	22.1	2.8	0	620	168	91	11.4	1660	8	8.26
	20:06	124	22.1									
	21:06	125	22									
	22:06	126	21.9									
	23:06	127	21.9									
	0:06	128	21.8									
	1:06	129	21.7									
	2:06	130	21.7									
	3:06	131	21.6									
	4:06	132	21.5									
	5:06	133	21.5									
	6:06	134	21.4									
11/15/1998	7:06	135	21.3	2.8	0	612	149	81.3	10.7	1720	6	8.35
	8:06	136	21.3									
	9:06	137	21.2									
	10:06	138	21.1									
	11:06	139	21.1									
	12:06	140	21									
	13:06	141	20.9									
	14:06	142	20.9									
	15:06	143	20.8									
	16:06	144	20.7									
	17:06	145	20.7									
	18:06	146	20.6									
11/15/1998	19:06	147	20.5	2.8	0	608	164	89.9	11.4	1540	28	7.72
	20:06	148	20.5									
	21:06	149	20.4									
	22:06	150	20.3									
	23:06	151	20.3									
	0:06	152	20.2									

Date	Time	Hours	FLOW gpm	pH units	Alk mg/L	Acidity mg/L	Fe mg/L	Mn mg/L	Al mg/L	SO4 mg/L	TSS mg/L	Na mg/L
	1:06	153	20.2									
	2:06	154	20.2									
	3:06	155	20.2									
	4:06	156	20.2									
	5:06	157	20.2									
	6:06	158	20.2									
11/16/1998	7:06	159	20.2	2.8	0	688	169	92	11.5	1560	38	8.28
	8:06	160	20.2									
	9:06	161	20.2									
	10:06	162	20.2									
	11:06	163	20.2									
	12:06	164	20.4									
	13:06	165	20.4									
	14:06	166	20.4									
	15:06	167	20.4									
	16:06	168	20.4									
	17:06	169	20.4									
	18:06	170	20.4									
11/16/1998	19:06	171	20.4	2.8	0	694	164	89.6	9.78	1460	30	8.22
	20:06	172	20.4									
	21:06	173	20.4									
	22:06	174	20.4									
	23:06	175	20.4									
	0:06	176	20.4									
	1:06	177	20.5									
	2:06	178	20.6									
	3:06	179	20.7									
	4:06	180	20.9									
	5:06	181	21									
	6:06	182	21.1									
11/17/1998	7:06	183	21.2	2.8	0	662	187	100	10.9	1290	34	8.21
	8:06	184	21.3									
	9:06	185	21.4									
	10:06	186	21.5									
	11:06	187	21.6									
	12:06	188	21.7									
	13:06	189	21.8									
	14:06	190	21.9									
	15:06	191	22									
	16:06	192	22.1									
	17:06	193	22.2									
	18:06	194	22.8									
11/17/1998	19:06	195	22.8	2.8	0	658	173	92.4	11.3	1530	<2	8.12
	20:06	196	22.8									
	21:06	197	22.8									
	22:06	198	22.8									
	23:06	199	22.8									
	0:06	200	22.8									
	1:06	201	22.8									
	2:06	202	22.8									
	3:06	203	22.8									
	4:06	204	22.8									

Date	Time	Hours	FLOW gpm	pH units	Alk mg/L	Acidity mg/L	Fe mg/L	Mn mg/L	Al mg/L	SO4 mg/L	TSS mg/L	Na mg/L
	5:06	205	22.8									
	6:06	206	22.8									
11/18/1998	7:06	207	22.8	2.8	0	682	172	92.9	11.4	1440	34	7.92
11/23/1998			17	2.9	0	598	117	62	8.59	1694.9	<3	<10