

08 Hydrology Data

		Staff Gage Readings			Pump		Inflow (Rates and Cumulative)				OR Upstream	
date	time	#1	#2	swale	1	2	Wetland 1		Wetland 2		Clinton Park	
		feet	feet	feet		Disc	gpm	gal	gpm	gal	time	feet
1/3/08	16:40	1.3	1.4	0.5			218	96553751	218	2980850	16:20	1.2
1/4/08	7:45	1.3	1.4	0.5			215	3171980	227	96756851	7:45	1.2
1/4/08	17:30	1.3	1.4	0.5							17:30	1.2
1/5/08	8:30			0.3			227	3497223	222	97103215	8:35	
1/5/08	17:05			0.45	on	off	205	3606207	233	97215292	16:36	0.9
1/6/08	8:30	1.28	1.36	0.4	on	off	219	3820106	224	97436500	8:30	0.9
1/6/08	17:52	1.15	1.25	0.41	on	off	224	3947722	227	97592318	18:01	0.94
1/8/08	16:40	1.15	1.26	0.4			199	4547200	216	98213132	16:40	2.44
1/9/08	8:30				on	off	182	4729794	192	98410102	8:30	2.2
1/9/08	8:35				on	off	569	4730670	625	98411214	Turn on (more) 7 tur	
1/9/08	11:20				on	off					11:20	2.2
1/9/08	16:00	1.28	2.39	0.5	on	off	421	4901823	473	98631795	15:50	2.2
1/10/08	4:45	1.32	2.4	0.6			376	5509600	522	99377117	4:00	2.8
1/10/08	9:30				on	off	305	Full turn			9:30	4.6
1/11/08	9:15	1.3	1.4	0.55	on	off	355	5849998	-13	99574721	9:30	4.6
1/11/08	17:17	1.22	1.35	0.5	on	off	235	5935843	-11	99574769	16:56	4.3
1/12/08	9:35	1.18	1.25	0.4	on	off	273	6163846	0	99575032	9:10	4
1/12/08	15:02	1.18	1.23	0.4	on	off	-462	6231445	0	99575171	15:02	3.95
1/13/08	10:30	1.16	1.2	0.3	on	off	245	6530866	0	99575288	10:30	2.65
1/14/08	8:50	1.12	1.16	0.3	on	off	250	6852429	212	99667735	8:30	1.54
1/14/08					on	off	289		235			1.5
1/15/08		1.2	1.2	0.4							8:20	1.5
1/15/08	16:38	1.18	1.2	0.4			320	7377344	317	174859	16:38	1.5
1/16/08	8:03	1.16	1.2	0.4	on	off	267	7634683	340	453351	8:00	1.48
1/16/08	23:15	1.1	1.2				201	8023275	216	898706	23:00	1.18
1/17/08	15:00	1.1	1.1	0.4			252	8070976	206	947523	15:05	1.2
1/18/08	8:00	1.05	1.1	0.4	on	off	246	8284728	180	1151380	8:01	1.2
1/18/08	16:49	1.1	1.1	0.37	on	off	223	8407059	189	1259284	16:49	1.2
1/19/08	16:17	1.1	2.2	0.4	on	off	254	8739584	263	1559799	15:52	1.1
1/20/08	11:20	1.1	1.2	0.4	on	off	224	9006631	247	1852578	11:20	0.9
1/21/08		1.1	1.2	0.42			227	9381198	225	2246868	16:43	1.0 (froz
1/22/08	9:00	1.2	1.3	0.4	on	on	254	9590600	214	2468795	9:00	1.2

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1/22/08	16:49	1.1	1.2	0.4			206	9692310	215	2573507	16:49	1.1
1/23/08	10:00	1.1	1.2	0.4	on	off	205	9901337	175	2779228	9:54	1.16
1/23/08	16:36	1.1	1.2	0.4	on	off	211	9978731	199	2855068	16:21	1.16 froz
1/24/08	16:00	1.1	1.2	0.4			212	10265542	211	3141575	4:05	1.1
1/25/08	10:00	1.1 F	1.2 F	0.4			192	10483831	189	3361529	10:01	
1/25/08	16:07	1.1	1.2	0.4			166	10529871	202	3411032	15:35	1.18 froz
1/26/08	11:50	1.09	1.2	0.39	on	off	156	10733530	168	3628661	11:50	<=1.0
1/26/08	16:11	1.09	1.2	0.4	on	off	185	10776978	182	3672884	16:02	1
1/27/08	11:20	1.09	1.2	0.4	on	off	175	10974829	182	3875626	11:20	0.9
1/27/08	16:58	1.09	1.2	0.36	on	off	153	11029989	157	3932247		iced
1/28/08							179	11188494	139	4086985	8:30	iced
1/29/08	8:30	1.4	1.5	0.4	on	on	472	11814030	686	4877995	8:15	1.1
1/29/08	15:45						518	1206006	703	5186304		1
1/29/08	16:26	1.42	1.54	0.62			531	12079556	691	5212133	16:26	1
1/30/08	10:12	1.3	1.3	0.4	off	off	27	12376723	12	5577218	10:07	1
1/30/08	15:30	turned pumps ?		turns	on	off	249	12528774	279	5781302		
1/31/08	16:00	1.3	1.4	0.5			229	12871079	262	6183502	16:00	0.9
2/1/08	11:00			0.5	on	off	239	13141707	282	6496353	11:05	1.15
2/3/08	11:20	1.2	1.3	0.35	on	off	104	13627779	212	7009261	10:00	1
2/3/08	11:25				on	off	Add 3 turns					
							242		245			
2/3/08	16:00	1.2	1.3	0.40	on	off	214	13684639	271	7075832	16:00	1
2/4/08	8:30	1.26	1.28	.4?			242	13897556	226	7317053	8:30	1
2/4/08	17:00	1.22	1.26	0.40			191	14003907	236	5435718	16:40	1.09
2/5/08			1.3	0.40			202	14212615	210	7666701	8:30	1.8
2/5/08	9:30				Changed to W		520	n/a	W2: n/a not reading, but flowing			
2/5/08	14:00										14:00	3
2/5/08	17:25	1.35	1.4	0.65			412	14437341	-12	7673940	17:03	3.4
2/6/08			FLOOD								7:45	4.95
2/6/08	10:05	1.5	1.6	0.70	on	off	595	14819106	-16	7674297	9:57	5
2/7/08	9:10										9:10	1.8
2/7/08	16:00	1.55	1.6	0.70			763	15572586		7674567	16:00	1.5
2/8/08	8:30	1.5	1.6	0.70	on	off	616	16051817	-14	7674848	8:49	2.9
2/8/08	16:56	1.48	1.6	0.70			547	16277089	-21	7674960	16:35	3.45
2/9/08	11:08	1.48	1.6	0.69	on	off	564	16817988	-27	7675044	10:44	4.39
2/9/08	17:45	1.48	1.62	0.69	on	off	647	16957654	-16	7675173	17:23	4.38

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2/10/08	9:00	1.48	1.6	0.70	on	off					9:00	4.3	
2/10/08	16:35	1.48	1.6	0.69	on	off	631	176565647	-14	7675367	16:35	4.20	
2/11/08	8:36	1.48	1.6	0.70	on	off	559	18051586	-21	7675682	8:34	4.2	
2/12/08	16:49	1.5	1.6	0.70			-5752	18863384	-28	7676193	16:49	4.2	
2/14/08	9:39	1.5	1.6	0.70							10:00	2.3	
2/14/08	16:00	1.5	1.6	0.70			517	20185055	-7	7676830	16:00	2.2	
2/15/08	9:36						turned pump down to ~5 turns						
2/15/08	8:00	Ice blocking		0.6	on	off	531	20625072	-14	767725	8:10	1.1	
2/15/08	17:36	1.3?	1.38	0.50			252	20770504	-32	7677139	17:09	1.1	
2/16/08	10:30	1.28	1.3	0.40	on	off	292	21005799	-14	7677280	10:41	1.1	
2/16/08	18:30	1.25	too dark		on	off	118	21097359	-17	7677377	17:55	1.15	
2/17/08	12:45	1.2	1.3	0.45	on	off	208	21314852	-16	7677615	12:55	1.25	
2/17/08	13:56	altered pumps						-6051	21327150	-13	7677630		
2/17/08	17:55	1.21	1.38	0.50	on	off	412	21391147	-15	7677718	17:35	1.38	
2/19/08	16:51	1.3	1.4	0.48			332	22169116	-11	7678843	16:51	2.7	
2/20/08	10:10	1.6	1.4	0.50	on	off	550	22606473	-13	7679099	10:02	2.6	
2/21/08	13:30										13:30	2.58	
2/21/08	13:38				on	off	338	23156388		7679594			
2/21/08	13:42				on	off	640	FULL TURN!					
2/21/08	16:15	1.35	1.45	0.60			-5741	23203878	0	7679626	16:15	2.6	
2/22/08	9:00	1.5	1.5	0.6	on	off	429	23466862	-31	7679778	9:05	1.5	
2/23/08	17:40	1.4	1.48	0.60	on	off	-5956	23872512	-36	7680287	17:40	1.45	
2/24/08	10:10	1.4	1.48		on	off	436	24123249		2680761	10:10	1.30	
2/24/08	17:49	1.4	1.48	0.58	on	off	464	24258121	-11	7680886	17:40	1.38	
2/26/08	16:40	1.4	1.5	0.58			-6025	25132762	0	7682551	16:40	1.35	
2/27/08	10:00	1.36	1.46	0.58							9:54	1.24	
2/28/08	16:20	1.38	1.46	0.58			362	25868007	-9	7684361	16:25	1.4	
							372	25894715	*	*	17:10	1.4	
2/29/08	8:00		1.45	0.50	on	off	330	26241026	-13	7684961	8:23	1.2	
2/29/08		1.3	1.45	0.55			396	26429723	-12	7685515	17:04	1.25	
3/2/08	13:43	1.3	1.48	0.50	on	off	-1856	27293738	-11	7687205	13:20	1.1	
3/2/08	17:04	1.34	1.47	0.50							16:51	1.2	
3/3/08	15:20										15:20	1.94	
3/4/08	16:00				on	off	FULL TURN!						
3/4/08	16:38	1.5	1.6	0.62	on	off	292	28188948	-10	8042754	16:38	3.8	
3/5/08	10:24	1.4	1.5	0.58				28519398			10:15	2.5	

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3/5/08	14:22	1.4	1.48	0.54			333	28519398	-9		13:45	2.2
							271	28852287				
3/6/08	16:10	1.38	1.4	0.50			-1716	28875028	-20	8044111	16:30	2
3/7/08	14:00		1.5		on	off	369	29236348	-15	8044369	14:05	4.6
3/11/08	16:43	1.4	1.55	0.56	on	off	386	31195116	-10	8046059	16:35	4.4
3/16/08	11:30	Found pumps off. Reset pumps at 11:45. Visual drop in H2O levels in WLs.										
3/16/08	12:20	1.16	1.1*								11:50	3.1
3/21/08	12:20	1.3	1.4	0.50			312	3383736	-10	8048990	12:58	1.4
3/23/08	18:52	1.42	1.54	0.58	on	off	-1606	34715712		8050408	18:22	4.32
3/23/08		For above entry: 'Ch 1 E2: Sound speed (for inflow, W1 gpm?)'										
3/24/08	9:00	1.4	1.5	0.60			-15761	34715712	-63	8050625	9:30	4.2
3/24/08	18:45	1.46	1.58	0.62			-5736	34715712	-13	8050702	18:21	4.38
3/25/08	18:40	1.48	1.6		on	off	-15331		-17		18:45	4.2
3/26/08	8:09	1.48	1.6	0.66	on	off	-5887	34715712	-11	8050953	7:51	4.28
3/26/08	18:45	1.48	1.6	0.64							18:25	4.1
3/27/08	16:46	1.42	1.55	0.58	on	off	-5883	34715712	-24	8651692	16:46	3.35
3/28/08	9:30	1.4	1.5	0.60	on		-5917	34715712	-21	8052336	9:30	2.8
3/29/08	19:05	1.34	1.5				381	34839651	-6	8053049	18:40	1.98
3/31/08	9:41	Crude obscure Found pumps off a 9:41, turned on at 9:46.										
3/31/08	10:01	1.26	~1.4	0.40	on	off	309	35363919		8054209	9:43	3.02
		1.3	1.4				10	35488552	7	8054426	17:00	2.89
		5:30, turn pumps on again, but they didn't turn on										
4/2/08	8:08	0.9	0.9	0.2	couldn't open...						8:09	2
4/3/08	17:20	0.9	0.8	<0.2	off	off					17:20	1.42
4/8/08	15:00				Opened both wiers to wetlands 1 and 2							
4/10/08	11:00	0.5	0.7		off	off					11:00	0.92
		dry	dry									
4/11/08	9:30										9:35	0.99
4/13/08	10:04	dry	dry	0.10	off	off					10:00	0.96
4/16/08	8:51	dry	dry	0.09	off	off					8:45	1.39
4/16/08	15:20	dry	dry	0.04	off	off					15:20	1.39
4/18/08	10:00										10:00	1
4/21/08	14:10				on	off	Pump started flowing (east pump), Full Turn					
4/21/08	15:06				Added wier plates to Wetland 1 and 2, 1 plate each							
4/21/08	15:15				on	off	Reached height of 2.2 on gauge				15:15	1.10
4/21/08	16:04				on	off	Pump turned down 18 turns					0.9

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4/23/08	9:16	0.9	1.1	0.48	on	off	no info...machine not on!				9:17	0.89	
4/23/08					on	off	turned down 2.5 turns, Reads 5 cm				15:00	0.9	
4/24/08	8:50	0.79	0.84	0.4	on	off		staff=5.00			8:50	0.9	
4/24/08			Flow meter repaired										
4/24/08					on	off	223	35711376	296	8092933			
4/24/08					on	off	246	35755831	316	8151448	15:00	0.9	
4/24/08	18:48	0.78	0.85	0.42	on	off	230	35808677	264	8220496	18:48	0.9	
4/25/08	9:30	0.78	0.8		on		239	36003271	307	8482714	9:30	0.74	
4/27/08	9:32	0.72	0.86	0.4	on	off	173	36660135	265	9302064	9:25	0.7	
4/27/08	19:16	0.74	0.85	0.42	on	off	192	36778819	249	9462886	19:21	0.7	
4/28/08	10:21	0.76	0.85	0.45	on	off	166	36953216	226	9683970	10:06	0.8	
4/28/08	10:40				on	off	199	36959170	223	9690918			
4/28/08	10:41				off	off		For YSI Installation c?					
4/28/08	12:25				on	off	190	36961834	215	9692865			
4/28/08	15:30				on	off	Adjusted flow rates between wetlands by 1.75 turns. Totals reset, too.						
4/28/08	17:10	0.7	0.8	0.4			216	12731	224	13997	16:45	0.75	
4/29/08	8:10	0.74	0.81	0.5	on	off	197	203109	182	211022	8:10	1.1	
4/29/08	15:00	opened pump 1+1/2 turns										15:00	1
4/29/08	19:11	0.7	0.8	0.42	off	on	187	328220	203	344943	19:13	0.96	
4/30/08	8:39	0.71	0.78	0.46	on	off	208	471474	209	508684	8:13	0.91	
4/30/08	17:25	0.72	0.8	0.46	on	off	151	570407	237	626634	17:25	2.26	
5/1/08	8:07	0.7	0.77	0.48	on	off	137	709246	176	792243	8:17	1.65	
5/1/08	18:12	0.7	0.78	0.44	on	off	160	797230	158	897131	18:12	1.6	
5/2/08	9:30	0.68	0.74	0.48	on	off	145	939077	175	10562208	9:30	1.1	
5/2/08	15:05				on	off		Pump Opened 1/2 turn				2:24	
	19:00	0.8	0.86	0.54			235	1050593	326	1188383	18:42	1.08	
5/3/08	15:10	0.85	0.92	0.6	on	off	275	1355443	290	1538886	14:45	1.35	
5/4/08	10:40	0.8	0.86	0.54	on	off	360	1706419	314	1914928	10:32	1.14	
5/4/08	21:07	dark	dark	0.56	on	off	290	1834839	272	2095253	21:04	1.1	
5/5/08	10:01	0.84	0.86	0.58	on	off	283	2015778	309	2309559	9:33	1.08	
5/5/08	12:37				off	off		Turn pumps off for YSI P Sampler maintenance					
5/5/08	14:24				on	off	298	2066444	329	2367708		1.08	
5/5/08	17:00	0.75	0.8	0.55	on		185	2110181	284	2416596	17:10	1.08	
5/6/08	8:30	0.78	0.89	0.8	on	off	279	2363644	228	2687562	8:45	2.2	
5/6/08	9:30						508		515			2.16	
5/7/08	8:31	0.89	0.9	0.75	on	off	495	3059429	530	3470865	8:31	1.1	



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6/9/08	10:25	1.44	1.42	0.62	on	off			253?	8719692	10:25	1
6/9/08	14:00				Flowmeter totals cleared							
6/10/08	8:19						*	292950	270	314749	8:19	1.4
6/10/08	8:30	open 3 turns					*	296530	382	318706		
6/10/08	17:45	1.26	1.3	0.58	on	off	-42	488250	348	526438	17:45	1.1
6/11/08	8:18	turn down 1.5 turns						734263	229	779442	8:11	0.95
6/11/08	9:38	1.2	1.28	0.53	on	off			244	798855	9:38	0.98
6/11/08	17:51	1.19	1.2	0.5	on	off	234	86561	250	91715	17:20	1.1
6/12/08	8:10						230	1074625	254	1116929	8:10	0.83
6/12/08	8:27	open 1/2 turn					200	1077572	205	1120077		
6/12/08	9:20	1.14	1.18		on	off					9:20	0.84
6/12/08	16:46	1.09	1.18	0.44	on	off	126	1144961	129	1188676	16:57	1.01
6/13/08	8:20				on	off	195	1307175	183	1353618	0:00	0.85
6/13/08	8:25	open 1/2 turn			on	off	230	1308318	227	1354721		
6/13/08	9:30	1.12	1.18	0.49	on	off	213	1317943	224	1364713	9:20	0.9
6/15/08	12:00				on	off	no flow					
6/15/08	21:55	too dark	too dar	0.26	on	off	33	1601331	0	1635310	21:40	2.55
6/15/08	21:55	Turned pumps on					231	1603377	244	1637088		
6/16/08	8:05						216	1735756	227	1776265	8:03	2.54
6/16/08	8:15	open 6.5 turns					611	1740417	634	1780925		
6/16/08	8:47	1.1	1.14	1.9	on	off	610	1759080	633	1800754	8:44	2.52
6/17/08	8:43	1.44	1.48	2.08			509	2604581	634	2699372	8:43	2.5
	9:42	no changes made			on	off	573	2637401	591	2736062	9:38	2.5
6/17/08	17:17	1.4	1.46	0.7	on	off	541	2901526	644	3032792	17:17	1.6
6/18/08	8:09				on	off	618	3415660	572	3598421	8:05	0.9
6/18/08	8:19	turn down 9.5 turns					221	3419783	277	3603110		
6/19/08	8:04				on	off	176	3684534	197	3909114	8:04	0.96
6/19/08	8:12	open 2.5 turns					267	3685787	308	3910581		
6/19/08	10:00	1.15	1.20	0.47	on	off	265	3714145	300	3942399	9:57	0.96
6/19/08	18:15	1.18	1.20	0.52	on	off	260	3844216	284	4090288	18:10	0.96
6/20/08	8:34				on	off	256	4067390	262	4336833	8:27	0.96
6/20/08	8:34	turn down 1/2 turn			on	off	259	4068347	278	4337881		
6/20/08	10:30	1.2	1.20	0.5	on	off	269	4096562	276	4368186	10:28	0.9
6/21/08	10:49				on	off	222	4453742	273	4745405	10:47	0.86
6/21/08	10:54	turn down 1/2 turn					231.00	4454908	244.00	4746666		
6/22/08	9:40				on	off	215	4780078	264	5077375	9:38	0.86

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6/22/08	9:47	turn down 1/2 turn					224	4781653	250	5079052		
6/22/08	20:01	1.15	1.20	0.49	on	off	234	4914722	226	5214290	19:52	0.86
6/23/08	7:49	no change to pumps			on	off	207	5068412	219	5374022	7:47	0.87
6/23/08	7:56	1.14	1.18	0.48	on	off	254	5070016	242	5375603	7:54	0.87
6/23/08	18:47	1.12	1.16	0.46	on	off	214	5205394	270	5519335	18:30	0.86
6/24/08	7:57				on	off	213	5378182	241	5708499	7:57	0.75
6/24/08	8:04	turn down 1/2 turn			on	off	187	5379123	205	5709505		
6/24/08	8:12	1.12	1.12	0.47	on	off	184	5380750	214	5711246	8:10	0.75
6/24/08	17:58	1.1	1.14	0.45	on	off	218	5493756	209	5832507	17:58	0.68
6/25/08	8:15				on	off	150	5657237	190	6002159	8:11	0.67
6/25/08	8:23	turn down 1/2 turn			on	off	177	5658998	166	6003986		
6/26/08	8:21	open full (21.5 turns),			restart pump		597	5821004	816	6164618	8:03	4.2
6/26/08	8:27	2.16	1.64	1.18	on	off	630	5824499	827	6168136	8:25	3.9
6/26/08	15:50				on	off	603	6097440	655	6456475	15:49	1.8
6/26/08	16:08	Turn down 16 turns					491	6106227	490	6465607		
6/26/08	19:34	1.53	1.50	0.75	on	off	472	6201925	473	6563977	19:32	1.56
6/27/08	8:20				on	off	485	6549183	485	6923266	8:16	1.25
6/27/08	8:25	turned down 2.5 turns					327	6551871	333	6925883		
6/27/08	10:30	1.4	1.40	0.6	on		331	6594612	349	6968713	10:39	1.25
6/28/08	~10:50				on	off	272	7044768	287	7422347	10:49	1.96
6/28/08	11:10	turned up 3.0 turns			on	off	490	7053648	568	9431645		
6/29/08	10:34				on	off	499	7721019	516	8143078	10:32	1.56
6/29/08	10:40	turned down 2 turns					404	7723776	407	8145935		
6/29/08	19:35	1.32	1.38	0.6	on	off	345	7946902	413	8379668	20:07	1.55
6/30/08	8:10						347	8222019	401	8673147	8:08	1.48
6/30/08	8:15	turn up 1/2 turn					332	8224012	417	8675381		
6/30/08	8:36	1.55	1.38	0.64	on	off	334	8231411	394	8683448	8:33	1.48
7/1/08							302	8722211	347	9200385	8:14	2.54
7/1/08	8:27	turn up 7 turns			on	off	483	8727664	607	9206311		
7/1/08	8:47	1.66	1.46	0.4	on	off	564	8739692	641	9219060	8:45	2.54
7/1/08	17:23	1.52	1.42	0.75	on	off	579	9040646	618	9543068	17:23	2.5
7/2/08	8:06				on	off	553	9552492	640	10088990	8:04	1.49
7/2/08	8:22	turn down 7.5 turns					347	95690722	425	10098011		
7/3/08	8:04				on	off	370	10099064	428	10678573	8:02	1.1
7/3/08	8:08	turn down 2 turns					281	10100767	301	10679894		
7/3/08	8:46	1.3	1.34	0.53	on	off	285	10110677	307	10691438	8:43	1.1

08 Hydrology Data

7/3/08	17:12	1.24	1.28	0.46	on	off	239	10239889	246	10830473	17:07	1.16
7/4/08	9:30	1.2	1.40	0.49	on	off	256	10479293	239	11074525	9:30	1.1
7/6/08					on	off	201	11311225	192	11908991	21:30	1.35
7/7/08	8:12				on	off	235	11453785	208	12052925	8:09	0.98
7/7/08		turn up 1.5 turns			on	off	303	11456290	300	12055523		
7/7/08	8:28	1.24	1.28	0.4	on	off	305	11457748	325	12056998	8:25	0.98
7/7/08	15:20				on	off	302	11579267	323	12183959	15:18	0.93
7/7/08	15:28	turn down 1.5 turns					249	11581354	257	12186060		
7/8/08	8:14				on	off	234	11821044	273	12452379	8:12	0.86
7/8/08	8:19	turn down 0.5 turns					217	11832512	246	12453962		
7/8/08	8:25	1.36	1.20	0.48	on	off	204	11833636	269	12455251	8:23	0.86
7/8/08	18:45	1.25	1.16	0.46	on	off	203	11972033	196	12606546	18:45	0.92
7/9/08	8:07				on	off	161	12132826	160	12782333	8:04	0.88
7/9/08	8:12	open UP 2 turns			on	off	230	12134026	247	12783527		
7/9/08	8:46	1.36	1.18	0.48	on	off	266	12142446	267	12792119	8:45	0.88
7/10/08	9:30											
7/10/08	5:32	1.24	1.20	0.44	on	off	229	12636543	250	13299698	5:27	0.76
7/11/08	8:07				on	off	234	12850106	246	13519841	8:05	0.76
7/11/08	8:13	turned down 2.5 turns					177	12851731	233	13521666		
7/13/08	13:00				on	off	181		178		13:00	
7/13/08	13:08	3 left turns					416		458		13:08	1.75
7/14/08	8:22				on	off	420	13905840	474	14638648	8:19	1.04
7/14/08	8:28	turned up 3.0 turns					252	13908371	314	14641499		
7/14/08		1.55	1.34	0.05	on	off	283	13909762	301	14643112	8:32	1.04
7/15/08	8:12				on	off	353	14266008	305	15027529	8:09	0.94
7/15/08	8:23	open 1 full turn			on	off	243	14268739	253	15030647		
7/15/08	8:29	1.34	1.22	0.36	on	off	231	14269940	240	15031971	8:27	0.94
7/15/08	18:15	1.25	1.18	0.4	on	off	231	14399647	264	15179395	18:15	0.94
7/17/08	17:02	1.12	1.08	0.34	on	off	244	15019926	191	15873844	16:55	0.8
7/18/08	8:10				on	off	192	15212609	218	16082601	8:07	0.76
7/18/08	8:13	no change to pumps										
7/20/08	20:22	1.07	1.10	0.34	on	off	181	15889858	217	16818485	20:48	0.66
7/21/08	8:12	1.16	1.12	0.29	on	off	165	16013768	187	16949050	8:08	0.64
7/22/08	8:12				on	off	15	16221458	-12	17167389	8:08	0.84
7/22/08	8:13				off	off	16	16221488	-8	17167389		
7/22/08	8:19	restart pump 1			on	off	183	16221876	199	17167779		

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7/22/08	18:35	1.05	1.15	0.35	on	off	191	16342945	196	17287166	18:30	0.7
7/23/08	8:15				on	off	190	16504260	203	17451090	8:10	0.68
7/23/08	8:24	close 1 turn			on	off	184	16506064	186	17452884		
7/24/08	9:00	removed beaver dams W1 & W2										
7/23/08		filled evap. tank (weather station)										
7/24/08		cleaned vegetation out of evap. tank										
7/25/08	8:15				on	off	180	17028926	182	18026346	8:11	0.064
7/25/08	8:23	turn down 1 1/2 turns			on	off	154	17030452	181	18027966		
7/25/08	10:00	1.1	1.12		on	off	166	17044343	176	18044343	10:00	0.65
7/27/08	20:27	0.94	0.98	0.28	on	off	115	17501739	115	18552877	20:08	0.55
7/28/08	8:19	0.95	0.94	0.24	on	off	110	17583725	97	18626774	8:15	0.64
7/29/08	8:33				on	off	122	17740600	122	18793280	8:30	0.64
7/29/08	8:39	open 2 turns			on	off	138	17741501	136	18794126		
7/29/08	19:25	0.95	0.96	0.26	on	off	143	17830441	142	18889711	19:25	0.62
7/30/08	8:24				on	off	135	17944726	142	19013463	8:21	0.64
7/30/08	8:28	open full (to flush system)			19.5 turns		615	17946428	619	19015065		
7/30/08	8:46	turn down 22.5 turns			on	off	222	17954161	160	19022843		
7/30/08	10:30	0.99	1.06	0.3	on	off	151	17969897	140	19039251	10:23	0.64
7/31/08	10:00	0.99	1.06	-	on	off					10:00	0.64
7/31/08	17:27	0.98	1	0.26	on	off	129	18235903	149	19324590	17:23	0.64
8/1/08	8:12	no change to pumps			on	off	131	18354755	125	19443456	8:09	0.64
8/1/08	10:30	0.92	0.98	0.25	on	-	126	18372421	106	19459021	10:38	0.65
8/3/08	20:20	unreadable		dry	on	-	138	18630868	190	19701655	21:10	0.65
8/4/08	8:13						131	18719591	142	19795048	8:08	0.64
8/4/08	8:17	open full to flush sys.					647	18721521	721	19797052	at 8:20, CH 2 Vol flo	
8/4/08	8:22	close 22.5 turns			on	off	161	18723972	180	19799377		
8/4/08	8:26	0.92	0.97	0.2	on	off	161	18724505	161	19799870	8:29	0.64
8/5/08	8:11				on	off	157	18938896	149	20098949	8:07	0.78
8/5/08	8:18	open 2 turns			on	off	189	18940096	185	20050191		
8/5/08	18:19	0.96	1	0.26	on	off	166	19042153	176	20153693	18:19	0.7
8/6/08	8:15				on	off	139	19166146	163	20289793	8:12	0.7
8/6/08	8:19	open 1/2 turn			on	off	177	19166959	213	20290687		
8/7/08	8:14				on	off	174	19421563	170	20572873	8:11	0.65
8/7/07	8:20	close 2 turns			on	off	140	19422415	156	20573806		
8/7/08	8:21	1.04	1.27	0.29	on	off	143	19422617	159	20574042	8:28	0.65
8/7/08	17:28	1	1.26	0.26	on	off	135	19497563	138	20656056	17:23	0.64

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8/8/08	11:30	0.7	1.25	0.3	on	-	137	19643217	159	20816085	11:30	0.7
8/10/08	20:40	0.9	~.9	0.28	on	-	138	20137402	110	21311526	21:05	0.66
8/11/08	8:16	0.96	1.08	0.27	on	off	142	20230613	109	21396175	8:13	0.66
8/12/08	10:26	0.97	~1.05	0.28	on	off	147	20462256	160	21632256	10:22	0.65
8/12/08	17:40						157	20528816	150	21071649	17:45	0.65
8/13/08	8:19				on	off	150	20663007	153	21838801	8:16	0.65
8/13/08	8:22	open 22 turns (open full)					658	20664425	677	21840317	flushing pump system	
8/13/08	8:30	turn down 22.5 turns			on	off	146	20668576	151	21844048		
8/14/08	8:14				on	off	114	20835911	109	22008449	8:11	0.65
8/14/08	8:22	open 1 turn			on	off	189	20837433	180	22009991		
8/14/08	9:30	0.9	-		on	off						
8/14/08	17:37	0.98	1	0.26	on	off	175	20938842	186	22110989	17:30	0.65
8/15/08	8:15				on	off	135	21062909	131	22241562	8:12	0.65
8/17/08	20:47	0.95	0.98	0.26	on	off	151	22159225	152	22749982	21:15	0.62
8/18/08	8:36				on	off	153	22262850	154	22855671	8:32	0.64
8/18/08	8:39	opwn full blast (21.5 turns)					646	22264361	629	22857304		
8/18/08	8:45	turn down 22 turns			on	off	218	22267576	220	22860430		
8/18/08	19:33	0.96	1.1	0.28	on	off					19:17	0.64
8/19/08	8:12				on	off	202	22594655	181	23229843	8:08	0.64
8/19/08	8:19	turn down 1/4 turn			on	off	116	22595822	121	23231032		
8/20/08					on	off	115	118620	123	145812	8:14	0.63
8/20/08	8:24	open 3/4 turn			on	off	172	119621	177	146878		
8/21/08	8:11				on	off	181	1937721	188	369902	8:08	0.63
8/21/08	8:13	open 21.5 turns			on	off	690	1939073	674	371363		
8/21/08	8:22	close 22 turns			on	off	264	1999159	196	376552		
8/21/08	10:20	1	1								10:20	0.6
8/21/08	18:30	1	1.08	0.28	on	off	-	-	-	-	18:30	0.6
8/22/08	8:53				on	off	233	2217803	209	640866	8:54	0.64
8/22/08	9:01	close 1/2 turn			on	off	178	2219388	202	642279		
8/23/08	17:15				on	off	187		172		17:15	0.6
8/23/08	17:20	0.98	1.07		off	off	0	-	0	-	18:23	0.64
8/24/08												
8/26/08	19:25	dry	dry	dry	off	off	0	-	0	-	19:25	0.6
8/28/08	pump turned off x 2 for 5 -10 min each time during morning, to check flow meter											
8/28/08	17:37	1	1.1	0.2	on	off	-	-	-	-	17:32	0.66
8/29/08	8:09				on	off	still no display				8:06	0.64

08 Hydrology Data

8/29/08	9:00	turn down 1/2 turn											
9/2/08	~8:00	1.04	1.1		on	off	-	-	-	-		8:06	0.6
9/2/08	8:13	open full (20.5)			on	off	-	-	-	-			
9/2/08	8:20	turn down 22 turns					-	-	-	-			
9/3/08	7:58				on	off	167	118352	185	300864		7:55	0.6
9/3/08	8:14	_____ zero turns			on	off	103	120973	108	303171			
9/3/08	9:07	1.03	1.1	0.34	on	off	107	126263	112	309488		9:05	0.6
9/4/08	8:14				on	off	124	298214	93	452752		8:12	0.59
9/4/08	17:00	0.9	0.96		on	off						17:00	6
9/5/08	8:01				on	off	111	464011	108	611990		7:59	0.58
9/5/08	8:04	open full (22 T)			on	off	704	465182	742	613307			
9/5/08	8:14	close 22 T			on	off	184	470167	181	617854			
9/5/08	10:00	0.9	0.95	0.28	on	-	185	489866	179	637065		10:00	0.58
9/7/08	20:15	1.1	to dark	0.29	on	off	158	1122842	129	1192360		20:50	0.6
9/8/08	8:07				on	off	162	1240547	160	1296658		8:05	0.59
9/8/08	8:14	net 0 turns			on	off	122	1241530	123	1297578			
9/8/08	8:15	1.16	1.13	0.28	on	off	129	1241713	108	1297732		8:19	0.59
9/9/08	8:20				on	off	129	1418905	103	1442750		8:17	0.98
9/9/08	8:26	open full (22.5 T)			on	off	821	1421063	722	1444674			
9/9/08	8:42	close 22T			on	off	263	1428599	239	1451718			
9/9/08	18:30	1.02	1.1	0.34	on	off	251	1582358	203	1576793		18:30	0.9
9/10/08	8:00				on	off	223	1783953	222	1750650		7:58	0.71
9/10/08	8:07	net 1/2 turns			on	off	174	1785727	141	1752141			
9/11/08	7:59				on	off	144	2004313	104	1926649		7:57	0.6
9/12/08	9:55				on	off	145	2218980	134	2104452		9:51	0.69
9/12/08	9:57	open full (21.5T)			on	off	764	2220485	760	2106004			
9/12/08	10:04	closed 22 T			on	of	155	2224919	138	2110202			
9/14/08	No Flow				on	off	19	2610146	0	2415707		16:50	0.62
9/15/08	Pump Off				off	off						8:30	0.62
9/15/08	8:37	Turned on pump			on	off	130	2639208	135	2436742			
9/15/08	9:32	0.76	0.82	0.18	on	off	142	2646486	100	2442940		9:30	0.62
9/15/08	19:37	0.83	0.9	0.26	on	off	132	2722724	108	2505300		19:15	0.62
9/16/08					on	off	127	2855361	111	2618347		12:13	0.62
9/16/08	12:20	open full (22T)			on	off	740	2856814	681	2619763			
9/16/08	12:26	close 22T			on	off	133	2860460	128	2622928			
9/16/08	18:20	0.92	0.96	0.28	on	off	111	2901027	90	2657841		18:12	0.6

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9/17/08	8:08				on	off	114	2901027	100	2739453	8:05	0.62
9/17/08	8:11	open 1/2 turn			on	off	132	2992076	124	2739802		
9/18/08	8:10				on	off	127	3180893	134	2917122	8:08	0.62
9/19/08	7:41				on	off	132	3364059	120	3092086	7:39	0.61
9/19/08	7:45	open full			on	off	732	3365740	680	3093808		
9/19/08	7:56	closed 22 or 22.5 T			on	off	129	3370214	132	3097907		
9/19/08	10:30	0.95	1	0.32	on	-	146	3389962	123	3117245	10:35	0.6
9/21/08	19:30	0.93	0.96	0.3	on	off	124	3822511	104	3528326.00	20:05	0.6
9/22/08	9:10				on	off	126	3917479	124	3621484.00	9:08	0.6
9/23/08	8:22				on	off	129	4080780	119	3785204.00	8:20	0.6
9/23/08	8:25	open full (22T)			on	off	704	4082218	701	3786712.00		
9/23/08	8:33	cloe 22T			on	off	124	4086062	126	379045.00		
9/24/08	17:40	0.9	0.95	0.28	on	off	107	4319750	105	4018203.00	17:40	0.6
9/27/08	17:33	0.89	0.91	0.28	on	off	80	4777078	111	4476225.00	17:20	0.6
9/28/08	18:48	0.89	0.89	0.28	on	off	111	4645071	79	4909191.00	18:48	0.6
9/29/08	18:30	0.87	0.9	0.23			92	5024556	88	4785300.00	18:07	0.6
10/1/08	Pump up 22 turns											
10/1/08	18:55	1	1.2	0.3	on	off	646	5332531	649	5122695.00	18:55	0.62
10/1/08					on	off	697	5840598	698	5640801.00	7:22	0.64
10/4/08	17:37	1.48	1.5	0.66	on	off	597	8213558	697	8056352.00	17:37	0.65
10/5/08	17:57	1.48	1.5	0.68	on	off	662	9064199	649	9190992.00	17:57	0.65
10/6/08	9:20	1.45	1.48	0.66	on	off	655	9787218	640	9684397.00	9:25	0.65
10/8/08					on	off	568	1167530	777	11635240.00	10:02	1.82
10/9/08	7:17	1.42	1.47		on	off	640	12456874	642	12447563.00	7:17	0.68
10/9/08	7:21	tightend 4 T					148		156		7:21	
10/9/08	9:30				on	off	161		181			
10/9/08	17:40				on	off	170	12563358	184	12563844.00	17:43	0.66
10/9/08	17:58	close 21.5T from zero			on	off	157	12566176	171	12566910.00		
10/11/08	16:01	0.96	1	0.3	on	off	127	12962043	120	12972224.00	16:03	0.58
10/13/08	9:36	2 1/4 T			on	off	247	13221314	277	13229832.00	9:36	0.61
10/13/08	10:12	0.92	0.98		on	off	236	13228803	262	13238877.00	10:10	0.6
10/13/08	17:00	1	1.1	0.75			204	13323526	220	13340239.00	17:00	0.6
10/15/08		1.7	1.9		on	off	212		231			0.6
10/15/08	16:20	1.02	1.1	0.36	on	off	169	13857107	202	13905165.00	16:20	0.6
10/16/08	7:15	1	1.06	0.35	on	off	170	14009814	182	14065183.00	7:20	0.66
10/16/08	14:47				on	off	163	14082405	170	14139759.00	14:45	0.68

08 Hydrology Data

10/16/08	14:53	close 1 T			on	off	155	14083386	161	14140790.00		
10/18/08	17:27	0.9	1.04	0.31	on	off	120	14497341	128	14587054.00	17:30	0.68
	17:29	0.92	1	0.31	on	off	129	14764115	104	14663882.00	17:09	0.68
10/20/08	10:20	0.95	0.99	0.32	on	off	124	14787349	122	14899999.00	10:22	0.7
10/20/08	17:20	0.98	1	0.32	on	off	142	1484480	159	14956353.00	17:15	0.68
10/21/08	10:06	0.97	1.01	0.3	on	off	114	14985055	142	15101464.00	9:10	0.71
10/22/08	18:26	0.92	1	0.3	on	off	130	15240984	95	15347351.00	18:26	0.7
10/23/08	7:00	0.95	0.98	0.3	on	off	140	15340119	115	15438549.00	7:05	0.67
10/24/08	17:00	0.95	1	0.3	on	off	137	15417752	122	15514052.00	17:00	0.7
10/25/08	9:10	0.95	0.95	0.3	on	off	190	15735255	190	15787423.00	9:35	0.85
10/25/08	18:30	1	0.95	0.35	on	off	221	15847167	211	15902199.00	18:30	0.8
10/27/08	10:30	0.95	1.1	0.38	on	off	201	16328827	182	16380186.00	10:35	0.62
10/29/08	12:30	turned pump down 2 t			on	off	115	16924518	115	16970267.00		0.6
10/29/08	18:40	1.09	1	0.38	on	off	121	16964132	106	17904444.00	18:10	0.6
10/30/08	7:43	1	0.98	0.3	on	off	128	17060279	59	17084792.00	7:15	0.6
10/30/08	16:39				on	off	112	17125805	98	17147839.00	16:36	0.61
10/30/08	16:42	open full (22T)			on	off	636	17126910	636	17148953.00		
10/30/08	16:49	close 22.5T			on	off	126	17130363	113	17152366.00		
11/1/08	9:04	0.98	0.98	0.3	on	off	135	17451923	111	17416477.00	9:28	0.6
11/1/08	17:58	0.94	0.99	0.3	on	off	132	17522776	142	17475068.00	18:20	0.6
11/2/08	17:00	0.96		0.32	on	off	137	17704737	99	17626951.00	17:00	0.6
11/4/08	8:30				off	off	36	17994529	0	17874970.00	8:30	0.6
11/4/08	8:22	0.92	1.02	0.3	on	off	114	17994624	132	17875084.00		
11/5/08	17:20	0.92	1	0.3	on	off	112	18234457	120	18087963.00	17:20	0.6
11/6/08	8:40	0.92	1	0.3	on	off	99	18334670	124	18188457.00	8:40	0.62
11/6/08	15:38				on	off	114	18381190	109	18237386.00	15:36	0.66
11/6/08	15:40	open full (22.5T)			on	off	651	18382187	650	18238492.00		
11/6/08	15:49	close 22T			on	off	139	18386004	141	18242256.00		
11/10/08	12:45				on	off	135		117			0.6
11/11/08	10:54	1	1.05	0.32	on	off	146	19373201	134	19090550.00	10:27	0.63
11/12/08	16:40	1	1.05	0.3	on	off	172	19555479	146	19277002.00	16:40	0.62
11/13/08	7:15	0.96	0.94	0.3	on	off	157	19698145	143	19400412.00	6:56	0.75
11/13/08	15:20				on	off	137	19769843	132	19466827.00	15:18	0.73
11/13/08	15:23	open full (22T)			on	off	670	19771034	647	19468098.00		
11/13/08	15:34	close 21.5T			on	off	172	19775155	118	19472163.00		
11/15/08	9:00			0.39	on	off	174	20199899	161	19888217.00	8:55	1

08 Hydrology Data

11/15/08	11:02				on	off	138	20219570	133	19905940.00	11:02	1.21
	11:27	open 2.25T			on	off	334		315			
		close directional valve .5 T										
11/15/08	17:40	1.2	1.25	0.35	on	off	176		167		17:15	1.23
11/18/08		Close 1.25 T			on	off	144		190			0.65
11/19/08	9:22	1.05	1.09	0.36	on	off	104	21018529	170	20751413.00	8:54	0.63
11/19/08	turned up pump 2 turns				on	off	185		206		13:30	1.1
11/19/08	16:38	1.05	1.1	0.44	on	off	173	21302473	192	21035601.00	16:38	1.12
11/20/08	7:19	1.08	1.1	0.35	on	off	181	21456457	185	21212460.00	6:55	0.98
11/20/08	15:40				on	off	173	21547325	203	21320795.00	15:34	0.77
11/20/08	15:47	No Net Turns			on	off	212	21548693	245	21322409.00		
11/24/08	12:30				on	off	226		226		12:30	0.85
11/26/08	12:15	turned down 2.0T			on	off	175		180		12:00	0.75
11/26/08	16:46	1.12	1.15	0.38	on	off	178	23458776	190	23243476.00	16:46	0.76
11/29/08	16:25	1.09	1.12	0.39	on	off	180	24253343	176	24019975.00	16:36	0.9
12/1/08	13:30	opened 2 Turns			on	off	219		247		13:30	0.95
12/2/08	11:00	1.19	1.18	0.4	on	off	237	25047382	239	2480775.00	11:00	0.72
12/2/08	12:30	turned down 2.75 turn			on	off	192		197		12:30	0.65
12/4/08	7:25	1.1	1.12	0.34	on	off	169	25628521	191	25382943.00	7:00	0.64
12/12/08	9:25	1.08	1.1	0.32	on	off	158	27654148	137	27386606.00	9:46	0.68
12/13/08	16:25	0.9	1.09	0.37	on	off	155	27947213	163	27666318.00	16:50	0.7
12/16/08	8:30	1.05	1.08	0.32	on	off	176	28586100	121	28271708.00	8:30	0.8
12/17/08	11:30	1.04	1.1	0.3	on	off	157	28843296	142	28497148.00	11:30	0.7
12/19/08	9:30										9:30	1.18
12/19/08	14:30										14:30	1.19
12/20/08	16:40	1.05	1.1	0.3	on	off	293	29775180	280	29395988.00	16:45	1.1
12/21/08	15:30				on	off	turned up 2.5T				15:20	1.7
12/21/08	15:40				on	off	454	30155076	451	29774632.00		
12/22/08	10:30				on	off	417	30621866	471	30239300.00	10:30	1
12/22/08	10:35	Turned down 3.5T										
12/22/08	14:30				on	off	309	30687070	304	30304808.00		

08 Hydrology Data

Billabong		Precipitation				Remarks/ Initials
Staff Gage	inflow					
time	feet	F,O,S	#1	W1	W2	
16:45	1.4					KR
8:00	1.4					AG
18:25	1.4					AN
9:00	1.35		0.12			CDC; WLS Frozen Over
16:58	1.35					SM; Ice prevents gage reads
8:40	1.32					LZ
17:40	1.28		0.03			EGW
17:02	1.54					KS
						LZ
ns						LZ
11:50	1.6					WJM, LZ
16:08	1.6	0	0.12			AN, PB
4:30	1.88		0.05			KR
						LZ, CY
9:43	2.3		0.52			CDC
			0.01			ACN
9:40	2.24					KJ
15:28	2.2					SM
10:50	2					LZ
8:50	1.64					AG
	1.6		0.8 (snow)			MLH
17:01	1.55					KS
8:07	1.5					
23:12	1.45		0.03			Chn
15:30	1.45		0.03			KR
8:19	1.38		Frozen			CDC
			0.5			AN
16:14	1.38 (iced)					SM
11:25	1.32					CY, LZ
17:30	1.34					KC?
9:25	1.3		.2 fluffy snow			M---

08 Hydrology Data

17:10	1.3			KS
10:08	1.3			KH
16:40	1.3	0.02		AN
16:25	1.3	0.3		
10:10	1.3 F			CDC Everything Frozen
16:07	1.3			ACN
12:20	1.29			Kate
16:23	1.29			SM
11:36	1.28			CY, LZ
16:42	1.28 Ice			EJW
				AKG
11:40	1.25	0.03		MLN
				MWR
16:52	1.05			KS
10:15	1.1			KH
15:30	1			MWR
16:30	1.1	0.3		?
11:30	1.18	0.6		CDC
11:30	1.15			CYLZ
				CY, LZ
16:19	1.13			EJW
8:40	1.12			AKG
17:00	1.12	0.06		KC
8:40	1.2	0.36		?
				CY
				LZ
17:22	1.5	0.5		SV
				WJM
10:12	2.2			KH
				LZ
16:30	1.7	0.04		
9:05	1.8			CDC (lots of dead fish in wa
17:00	1.88	0.06		ACN
11:06	2.28			SM
17:50	2.29			KJ

08 Hydrology Data

9:10	2.30			LZ
16:40	2.28			EJW
8:52	2.28			?
17:06	2.4			KS
9:50	2			
	1.9	.45*		KR *Frozen Rain Gage MWR
8:30	1.7	.45*		CDC Frozen rain gage
17:41	1.65	0.44		ACN
11:09	1.6			SM
too dark				
13:20	1.43			CY
	"111 turns"			CY
17:49	1.46	yes	0.14	EJW
17:15	1.78			KS
10:17	2			KH
				LZ
				CH, LZ
				CH, LZ
16:30	1.8	0.25		
9:19		*All ice		CDC
18:07	1.58			KaK
10:20	1.57			LZ
17:50	1.5 (No ice lev	0.58		EJW WL1, WW2? Staff ice
17:01	1.5			KS, HHO1 Green
10:10	1.6			KH HHO2 Red
16:40	1.5	0.45		
SET PUMP				AT
				CDC
17:32	1.4	0.52		ACN
13:42	1.4			CY
17:20	1.39	0.02		EJW
				CH, AT
17:06	2.25			KS, HHO1 Green
10:31	2.1			KH, HHO1 Green

08 Hydrology Data

14:15	2.2		.22 (frozen)		KC, HHO1 Green
16:40	1.7		0.01		KR
14:30	2.3				CDC/AN, Snowing, Pulse
17:05	2.32				KS, Green HHO1
					EJW
12:24	2.29	Yes	0.4		EJW *guessed, dropped to
12:30	1.6		0.5		SV, green algae blocked vie
18:40	2.28	yes	0.04		EJW
	2.28				
	2.3				Monica? MG??, song??
18:36	2.36	yes			EJW
					CY
8:12	2.32				SM
18:45	2.32				KC
17:08	2.1				KS
9:50	1.9		0.7		CDC
19:05	1.66				
					For entry below: Ch1 EZ: So
9:58	1.8	yes	0.5		EJW
	1.9		0.03		MG??, rainy
8:29	1.68				SM
17:32	1.46				KS
					AT
11:10	1.28				LZ
10:00	1.28		0.13		CDC
10:05	1.24				KH, Red
8:50	1.17				SM
15:20	1.17				AT
10:35	1.25		0.15		CDC
					AT
					AT
					AT

08 Hydrology Data

9:39	1.05				SM
					AT
9:10	1		0		LZ
					LZ
					AT
19:17	1				KS
9:45	0.5		0.15		CDC
9:58	1				KH, green
19:36	1	no	0.04		KK
10:29	0.9	no	0.26		EJW
					LZ
					LZ
					LZ
					AT
					MGH
dry @ gage					
8:30	1				LZ
					AT
19:36	0.9				
8:43	0.96				SM
18:00	dry		0.47		KC
8:34	0.98		0.02		AMN
18:28	1.06				KCS
9:37	1.5				CDC
					AT
19:00	1.06		0.08		KC
15:30	0.9				
10:49	1.06				KH
21:15	1.04		0.38		KK
9:52	1		0.03		EJW
					EJW
	Turned pumps on				EJW
17:35	1				MLN?
8:48	1.2				LZ
Turned pumps up 1 1/2 turns					
8:57	1.25				SM

08 Hydrology Data

					AT
9:43	1.26		0.27		AMN
17:38	1.28				KS
					AT
10:30	1.38		0.68		CDC
					CDC
					CDC
17:53	2.65				KY
10:55	1.8				KH
					LZ
21:27	2.06	yes	0.66		KK
			0.11		MLN?
7:58	1.86				SM, #1, 2 =0.5, but really r
9:00	1.45		0.45		CDC
10:15	1.1		0.35		CDC
					Li
21:00	1	no			KSK
11:27	1	no	NA		EJW
8:18	0.99				SM
					AT
18:40					KS, billabong dry at staff g
9:33	dry				KH
17:18	dry	no	0.19		KK
					MLT, AT
			1.15		MLT
					MLT
					MLT
18:07	1.7				KS, 10 cm plume
					MLT
					MLT
9:41	2.1				CDC
10:13	2.08				KH, red
					LZ, KK
18:08	2	yes	∅		KK
					MLT
					MLT

08 Hydrology Data

10:45	1.7			MLT, LZ
				MLT
				MLT
				MLT
18:07	1.62			KS
				MLT
10:05	1.6			LZ, MLT
10:43	1.54			MLT, LZ
9:50	1.49			LZ
17:19	1.48			SM
				MLT
				MLT
9:35	1.55	0.71		CDC
21:51	1.78	yes	0.82	KK, Water running ...???...
				MLT
				MLT
				MLT
9:26	1.9	0.06		MLT
9:23	0.72	0.02		MLT, might have switched
				MLT
17:40	1.95			KS
				MLT
				MLT
				MLT
				MLT
10:34	1.66	0		MLT
18:25	1.64			KH
				MLT
		0		MLT
10:43	1.6			CDC
				MLT
				MLT
				MLT

08 Hydrology Data

					MLT
20:00	1.57	no	0.1		KK
					MLT
8:33	1.44	no	0.01		MLT
18:45	1.44	no	NA		EJW
					MLT
					MLT
9:05	1.38	no	0.01		MLT
18:16	1.38				KS
					MLT
			1.15		MLT
9:00	2.59	F			MLT
					MLT
					MLT
20:01	1.98	ø	0.01		MLT
					MLT
			0.29		MLT
10:53	1.8				CDC/AW
					MLT
					MLT
					MLT
19:38	1.83	no	0.32		KK
					MLT
					MLT
9:30	1.7	ø	0.05		MLT
					MLT
					MLT
9:27	1.9	F	0.1		MLT, wetland 1 & 2 w/ bea
17:46	1.9				KS
					MLT
					MLT
					MLT
9:24	1.74	ø	0		MLT

08 Hydrology Data

17:18	1.74				KM
9:39	1.7		0.3		CDC
		Ø	0.15		KK
					MLT
					MLT
9:03	1.6	Ø		0.023	MLT
					MLT
					MLT
					MLT
9:08	1.54	Ø	0		MLT removed bvr dam WI
19:05	1.55		0.34		KS
					MTL
					MLT
9:29	1.52	Ø	0.11		MLT removed bvr dam WI
					CY removed bvr dam WI
5:40	1.46		0		KH
					MLT
					MLT
					CY
					CY
					MLT
					MLT
9:21	1.33	Ø	0.12		MLT
					MLT
					MLT
9:09	1.28	Ø	0		MLT
18:35	1.28				KS
17:07	1.2				
					MLT
					MLT
20:20	1.24	Ø			KK
9:05	dry	Ø			MLT bvr dam removed 9:4
					MLT
					MLT
					MLT

08 Hydrology Data

can not read, covered i	0.38			KS
				MLT
				MLT
				CY
				MLT, Matt R.
				MLT - bvr dam W1 & W2 re
				MLT
				MLT
10:43	∅	∅	-	CDC/AW
20:32	∅	∅	rain gage missing	KK redo affears screwed up
8:59	dry at m	∅	0	MLT
				MLT
				MLT
19:45	dry		-	KS
				MLT
				MLT
				MLT
10:56	dry	∅	0	MLT b.bong dry at gage, ju
	dry		0	LZ
17:32	dry			KH
				MLT
10:49	dry		-	CDC/AW
20:52	dry	∅	0	KK
				MLT
w reads ~ -2000, beeps, and has flashing msg				MLT
				MLT
9:02	dry	∅	0	MLT several ddead fish in s
				MLT
				MLT
18:39	dry		0.2	KS
				MLT
				MLT
				MLT
				MLT
9:03	dry	∅	0	MLT W2: bvr dam
17:35	dry			KH

08 Hydrology Data

11:50	dry	∅	-		CDC/AW
20:40	dry	∅	0.06		KK wetland 1 & 2 gage har
8:54	dry	∅	0.01		MLT
11:01	dry	∅	0		MLT
					MLT
					MLT
					MLT
					MLT
	dry		0		LZ
17:42	dry				KH
					MLT
20:50	dry	Nc	0		
					MLT
					MLT
9:13	dry	∅	0		MLT
19:42	a lonely puddle "dry"				EJW found beaver dam
					MLT
					MLT
					MLT
					MLT
					MLT
					MLT
10:20	dry				LZ
18:42	dry				KH
					MLT
					MLT
17:20	dry		gage not working, pur 0.54		WJM, LZ
					EJW
	dry				KS
					MLT
17:43	dry				KY
					MLT

08 Hydrology Data

					MLT
					MLT
					MLT
					MLT
					MLT
					MLT
					MLT
9:37	dry	∅	0.25		MLT, TRC
					MLT
18:00	dry				LZ
					MLT
					MLT
					MLT
10:19	dry		0.04		CDC
	dry	∅	0.68		KK
					MLT
					MLT
8:42	dry	∅	0.05		MLT w1,12 bvr dams
					MLT
					MLT
					MLT
18:52	dry		0.4		KS
					MLT
					MLT
					MLT
					MLT
					MLT
					MLT
			0.52		KK
					MLT
					MLT
10:02	dry		0.04		MLT
			-		EJW
					MLT
					MLT
					MLT
18:35	dry		-		KS

08 Hydrology Data

					MLT
					MLT
					MLT
					MLT
					MLT
					MLT
					MLT
10:50	dry	-	-		CDC
19:33	dry				KK
					MLT
					MLT
					MLT
					MLT
18:00	dry				KS
17:30	dry				PY
19:09	dry				ACN
18:25	dry				CHU
19:17	dry		0.19		KS
			0.02		EJW,JB
17:50	dry		-		KS
	dry		-		ACN
	dry		-		CDC
			0.53		
					LZ
					MLT
					MLT
	dry		-		PY
					MRW
10:30	dry		-		CDC
					Chen
	dry		-		MWR
16:40	dry		-		KS,SS
7:35	dry		0.02		JB
					MLT

08 Hydrology Data

					MLT
17:33	dry				PY
17:00	dry				ALN
10:30	dry				CDC
17:15	dry				Chen
9:45	dry	no	0		EJW.RW
18:48	dry		-		KS
7:30	dry				JB
17:00	dry	0	-		BB
9:15	dry				SM
18:35	dry		0.57		PY
10:40	dry		0.49		CDC
					AT
18:40	dry				SS,ZL
7:40	dry				JB
					MLT
					MLT
					MLT
9:15	dry				SW
18:20	dry	0	0.02		KK
	dry				ACN
					LZ,SS
8:40	dry				LZ
17:38	dry				KS
8:45	dry				LZ
					MLT
					MLT
					MLT
					AT
11:08	dry				EJW MLM
					SS
7:14	dry				JB
					MLT
					MLT
					MLT
	dry				SM

08 Hydrology Data

					EJW
					EJW
					PV
					AT
9:14	NA		0.44		EJW,SS
					AT
17:00	dry around gage				KS
7:18	" "				JB
					MLT
					MLT
					AT
					AT
17:07	dry around ga		0.26		KS
16:40	dry		0.16		PY
					AT
11:05	dry				LZ,SS
					AT
7:20			0.4		JB
					MLT
					PY
8:40	0.00				SS, LZ
11:30					MLT,LZ,PH
					LZ
					LZ
					PY
					LZ
					LZ
					LZ
					LZ
					LZ