

Appendix A

Tables and Graphs of Flow, Temperature, and Precipitation Data

DATE	Pine Hill WWTP	lower lodge	upper lodge	total water use	skiers	gpd/skiers	temp	precipitation	Snow fall	Snow depth
	gpd			gpd			F	in	in	in
4/1/2007	***	1936	3070	5006	649	7.71	42	0.14	0	0
4/2/2007	***	639	1163	1802	152	11.86	44	0	0	0
4/3/2007	***	723	1148	1871	244	7.67	51	0	0	0
4/4/2007	***	597	642	1239	42	29.50	48	0.49	0.5	1
4/5/2007	***	1135	1472	2607	267	9.76	32	0.08	0.8	1
4/6/2007	***	2675	4725	7400	1105	6.70	23	0.01	0.1	Tr
4/7/2007	***	2048	4805	6853	904	7.58	22	Tr	Tr	Tr
4/8/2007	***	1633	3030	4663	636	7.33	27	Tr	Tr	Tr
4/9/2007	***	979	1843	2822	308	9.16	29	0.02	0.5	1
4/10/2007	***	551	2137	2688	285	9.43	26	Tr	Tr	***
4/11/2007	***	633	1570	2203	264	8.34	31	0.31	Tr	Tr
4/12/2007	***	733	755	1488	63	23.62	42	0.38	0	0
4/13/2007	***	965	2310	3275	376	8.71	36	0.03	Tr	Tr
4/14/2007	***	1458	3743	5201	774	6.72	34	0.38	0.8	1
4/15/2007	***	946	2533	3479	308	11.30	38	2.46	6	6
4/16/2007	***	239	438	677	91	7.44	34	0.8	1.5	5
4/17/2007	***	531	1036	1567	82	19.11	36	Tr	0	2
4/18/2007	***	377	1107	1484	109	13.61	38	Tr	0	Tr
4/19/2007	***	354	1000	1354	93	14.56	37	0	0	0
4/20/2007	***	479	2180	2659	379	7.02	45	0	0	0
4/21/2007	***	2296	3227	5523	783	7.05	49	0	0	0
4/22/2007	***	1651	3452	5103	723	7.06	55	0	0	0
4/23/2007	***	182	289	471			63	0.14	0	0
4/24/2007	***	207	745	952			64	0	0	0
4/25/2007	***	171	342	513			46	0.45	0	0
4/26/2007	***	240	253	493			42	0	0	0
4/27/2007	***	269	432	701			48	0.07	0	0
4/28/2007	***	0	0	0			52	0.07	0	0
4/29/2007	***	0	0	0			47	0.03	0	0
4/30/2007	***	634	381	1015			47	0	0	0
5/1/2007	1269	633	299	932			50	0	0	0
5/2/2007	587	266	311	577			51	0.46	0	0
5/3/2007	1560	200	530	730			45	0	0	0
5/4/2007	149	307	452	759			46	0	0	0
5/5/2007	0	0	0	0			46	0	0	0
5/6/2007	162	0	0	0			50	0	0	0
5/7/2007	473	240	618	858			44	0	0	0
5/8/2007	765	214	642	856			54	0	0	0

5/9/2007	477	133	389	522			61	0	0	0
5/10/2007	592	254	296	550			68	0	0	0
5/11/2007	1406	358	523	881			69	0.64	0	0
5/12/2007	0	0	0	0			61	0	0	0
5/13/2007	0	0	0	0			53	0.03	0	0
5/14/2007	176	217	304	521			44	0	0	0
5/15/2007	195	278	298	576			52	Tr	0	0
5/16/2007	1462	358	1015	1373			71	0	0	0
5/17/2007	90	181	888	1069			58	0.35	0	0
5/18/2007	706	265	1260	1525			46	Tr	0	0
5/19/2007	736	0	0	0			46	0	0	0
5/20/2007	2063	0	0	0			47	0.38	0	0
5/21/2007	3022	250	407	657			55	0.06	0	0
5/22/2007	4363	251	725	976			47	0	0	0
5/23/2007	2026	220	928	1148			54	0	0	0
5/24/2007	2003	293	622	915			64	0	0	0
5/25/2007	3170	243	1590	1833			68	0	0	0
5/26/2007	4216	0	0	0			70	0	0	0
5/27/2007	9764	0	0	0			64	Tr	0	0
5/28/2007	2926	0	0	0			68	0.3	0	0
5/29/2007	3459	200	410	610			57	0	0	0
5/30/2007	3206	255	239	494			57	0	0	0
5/31/2007	4245	214	566	780			64	0	0	0
6/1/2007	5775	326	1590	1916			71	0.08	0	0
6/2/2007	8626	0	0	0			72	0.25	0	0
6/3/2007	5355	0	0	0			73	0.7	0	0
6/4/2007	14118	248	322	570			67	0.26	0	0
6/5/2007	8763	318	178	496			55	0.25	0	0
6/6/2007	9471	298	79	377			55	0	0	0
6/7/2007	9899	218	505	723			50	0	0	0
6/8/2007	7980	317	401	718			61	0.07	0	0
6/9/2007	5074	0	0	0			71	0	0	0
6/10/2007	3341	0	0	0			65	0.05	0	0
6/11/2007	5010	297	260	557			69	0.04	0	0
6/12/2007	5055	435	324	759			67	0.05	0	0
6/13/2007	4266	386	493	879			68	0	0	0
6/14/2007	3387	170	497	667			63	0	0	0
6/15/2007	3783	1877	801	2678			59	0.23	0	0
6/16/2007	3065	0	0	0			65	0.47	0	0
6/17/2007	320	0	0	0			67	0	0	0
6/18/2007	650	306	299	605			69	0	0	0

6/19/2007	3213	284	903	1187			70	1.36	0	0
6/20/2007	4158	155	430	585			73	0	0	0
6/21/2007	411	126	440	566			57	0.12	0	0
6/22/2007	120	220	2393	2613			56	0	0	0
6/23/2007	3878	0	0	0			48	0	0	0
6/24/2007	1884	0	0	0			53	0	0	0
6/25/2007	164	719	521	1240			64	0	0	0
6/26/2007	1111	116	392	508			70	0	0	0
6/27/2007	893	375	298	673			74	0.22	0	0
6/28/2007	1914	259	671	930			71	0.01	0	0
6/29/2007	3341	589	4632	5221			63	0	0	0
6/30/2007	4825	0	0	0			59	0.14	0	0
7/1/2007	4867	0	0	0			65	***	0	0
7/2/2007	4882	333	1353	1686			50	0	0	0
7/3/2007	5222	293	541	834			51	0	0	0
7/4/2007	2582	0	0	0			59	0	0	0
7/5/2007	4940	178	817	995			58	0.9	0	0
7/6/2007	3269	756	3582	4338			68	0.67	0	0
7/7/2007	7218	0	0	0			61	0.19	0	0
7/8/2007	2610	0	0	0			64	0	0	0
7/9/2007	6591	541	475	1016			72	0.43	0	0
7/10/2007	3424	389	564	953			75	0.02	0	0
7/11/2007	4653	325	300	625			76	0.06	0	0
7/12/2007	6659	246	650	896			63	0.4	0	0
7/13/2007	7282	220	3665	3885			61	0	0	0
7/14/2007	7761	0	0	0			62	0.09	0	0
7/15/2007	5584	0	0	0			64	0	0	0
7/16/2007	4839	262	470	732			63	0.12	0	0
7/17/2007	4753	711	558	1269			64	0	0	0
7/18/2007	5554	286	507	793			67	0.45	0	0
7/19/2007	8631	426	377	803			65	0	0	0
7/20/2007	5841	404	3215	3619			65	0.99	0	0
7/21/2007	6524	0	0	0			55	0.05	0	0
7/22/2007	2880	0	0	0			60	0	0	0
7/23/2007	11787	143	262	405			60	0	0	0
7/24/2007	7085	227	321	548			55	0.65	0	0
7/25/2007	5483	236	367	603			62	0	0	0
7/26/2007	5676	214	690	904			67	0	0	0
7/27/2007	7078	214	3668	3882			73	0	0	0
7/28/2007	9256	0	0	0			70	0.6	0	0
7/29/2007	7018	0	0	0			68	0	0	0

7/30/2007	6570	229	371	600			69	0	0	0
7/31/2007	6538	247	934	1181			65	0	0	0
8/1/2007	5670	307	461	768			68	0	0	0
8/2/2007	6598	1768	548	2316			69	0	0	0
8/3/2007	3580	344	4931	5275			74	0	0	0
8/4/2007	8665	0	0	0			72	0.32	0	0
8/5/2007	3774	0	0	0			63	0	0	0
8/6/2007	4852	205	508	713			65	0.03	0	0
8/7/2007	4393	265	306	571			68	0.01	0	0
8/8/2007	6564	121	220	341			71	0.71	0	0
8/9/2007	4414	162	361	523			70	0	0	0
8/10/2007	14912	363	3153	3516			70	1.39	0	0
8/11/2007	7244	0	0	0			55	0.25	0	0
8/12/2007	4005	0	0	0			65	0	0	0
8/13/2007	4098	276	349	625			69	0.03	0	0
8/14/2007	5536	283	564	847			60	0	0	0
8/15/2007	4954	168	535	703			59	0	0	0
8/16/2007	4194	87	274	361			64	0	0	0
8/17/2007	5751	329	3306	3635			68	0.58	0	0
8/18/2007	8572	0	0	0			60	0.22	0	0
8/19/2007	4318	0	0	0			53	0	0	0
8/20/2007	5719	316	597	913			58	0	0	0
8/21/2007	6294	154	362	516			56	0.15	0	0
8/22/2007	4736	264	218	482			54	0.34	0	0
8/23/2007	3754	156	218	374			60	0	0	0
8/24/2007	5245	270	3592	3862			65	0.01	0	0
8/25/2007	5109	0	0	0			74	0.37	0	0
8/26/2007	2368	0	0	0			77	0.02	0	0
8/27/2007	2098	172	532	704			63	0	0	0
8/28/2007	1459	280	140	420			65	0	0	0
8/29/2007	1481	153	488	641			67	0	0	0
8/30/2007	208	240	313	553			69	0	0	0
8/31/2007	0	163	5362	5525			72	0.01	0	0
9/1/2007	0	0	0	0			54	0	0	0
9/2/2007	0	0	0	0			55	0	0	0
9/3/2007	0	0	0	0			61	0	0	0
9/4/2007	0	154	680	834			63	0	0	0
9/5/2007	1326	176	989	1165			61	0	0	0
9/6/2007	197	201	676	877			66	0	0	0
9/7/2007	224	#####	284	15991			73	0	0	0
9/8/2007	6085	0	0	0			76	1.28	0	0

9/9/2007	11237	0	0	0			73	0.15	0	0
9/10/2007	4374	165	287	452			68	0.46	0	0
9/11/2007	6779	229	252	481			59	2.25	0	0
9/12/2007	3045	273	309	582			56	0	0	0
9/13/2007	2874	260	272	532			55	0	0	0
9/14/2007	3483	319	411	730			59	0.86	0	0
9/15/2007	1835	0	0	0			51	0.03	0	0
9/16/2007	1483	0	0	0			45	0	0	0
9/17/2007	4641	513	257	770			45	0	0	0
9/18/2007	4148	472	190	662			52	0	0	0
9/19/2007	4011	353	272	625			56	0	0	0
9/20/2007	4082	446	475	921			61	0	0	0
9/21/2007	4648	902	823	1725			67	0	0	0
9/22/2007	1987	0	0	0			62	0.09	0	0
9/23/2007	3695	0	0	0			60	0	0	0
9/24/2007	3372	401	240	641			55	0	0	0
9/25/2007	2500	241	594	835			62	0	0	0
9/26/2007	3657	423	475	898			72	0.35	0	0
9/27/2007	3928	241	241	482			69	1.46	0	0
9/28/2007	2751	334	347	681			64	0.12	0	0
9/29/2007	1420	0	0	0			52	0	0	0
9/30/2007	1537	0	0	0			53	0	0	0
10/1/2007	3858	539	508	1047			55	0	0	0
10/2/2007	3359	398	375	773			58	0	0	0
10/3/2007	3174	189	332	521			60	Tr	0	0
10/4/2007	2569	399	922	1321			65	0	0	0
10/5/2007	4753	3092	#####	19378			65	0	0	0
10/6/2007	12110	0	0	0			68	0	0	0
10/7/2007	15184	0	0	0			68	0.56	0	0
10/8/2007	3047	0	0	0			63	0.03	0	0
10/9/2007	3247	0	0	0			68	0.13	0	0
10/10/2007	3574	0	0	0			64	0.56	0	0
10/11/2007	7604	616	152	768			60	0.56	0	0
10/12/2007	6320	4496	426	4922			50	0.18	0	0
10/13/2007	9152	0	0	0			39	0.01	0	0
10/14/2007	1142	0	0	0			44	Tr	0	0
10/15/2007	4147	438	293	731			47	0.02	0	0
10/16/2007	3747	246	291	537			44	0	0	0
10/17/2007	3554	271	304	575			53	0	0	0
10/18/2007	3715	276	362	638			56	0.03	0	0
10/19/2007	9740	304	2578	2882			61	0	0	0

10/20/2007	7140	0	0	0			61	0.53	0	0
10/21/2007	1864	0	0	0			49	0	0	0
10/22/2007	2940	387	112	499			57	0	0	0
10/23/2007	3917	213	302	515			60	0	0	0
10/24/2007	6306	404	417	821			55	0.96	0	0
10/25/2007	4301	287	303	590			45	0.06	0	0
10/26/2007	4038	2790	1838	4628			44	0	0	0
10/27/2007	18485	0	0	0			44	0.55	0	0
10/28/2007	5519	0	0	0			48	1.04	0	0
10/29/2007	5144	391	380	771			35	0	0	0
10/30/2007	4415	257	440	697			36	0	0	0
10/31/2007	4396	438	129	567			43	0	0	0
11/1/2007	8076	142	1447	1589			53	0	0	0
11/2/2007	5509	371	1215	1586			39	0.04	0	0
11/3/2007	5995	0	0	0			41	0	0	0
11/4/2007	7274	0	0	0			37	0	0	0
11/5/2007	7022	316	483	799			39	0.79	0	0
11/6/2007	8841	357	436	793			42	Tr	Tr	Tr
11/7/2007	6949	331	306	637			35	Tr	Tr	Tr
11/8/2007	7211	359	312	671			29	0	0	0
11/9/2007	7266	784	1769	2553			31	0.22	1.5	2
11/10/2007	8047	0	0	0			33	0.02	Tr	Tr
11/11/2007	6412	0	0	0			26	Tr	Tr	Tr
11/12/2007	5703	0	0	0			36	0.23	0	0
11/13/2007	7842	528	342	870			34	0	0	0
11/14/2007	7030	240	313	553			41	0.93	0	0
11/15/2007	20141	259	400	659			41	0.4	Tr	Tr
11/16/2007	7252	258	398	656			33	0.05	Tr	Tr
11/17/2007	9035	459	1743	2202	336	6.55	29	0	0	0
11/18/2007	9880	739	3789	4528	361	12.54	31	0.03	0.3	Tr
11/19/2007	6879	0	0	0	117	0.00	33	0.43	0	0
11/20/2007	8891	0	0	0	48	0.00	32	0.14	0	0
11/21/2007	7384	389	830	1219	214	5.70	37	0.07	0	0
11/22/2007	3446	0	0	0	0		46	0.01	Tr	Tr
11/23/2007	9622	409	2129	2538	402	6.31	38	Tr	Tr	Tr
11/24/2007	14092	903	4064	4967	817	6.08	21	0	0	0
11/25/2007	12895	829	2540	3369	403	8.36	24	0.38	***	0
11/26/2007	10269	453	643	1096	22	49.82	35	0.91	0	0
11/27/2007	10749	289	589	878	43	20.42	38	0.02	0.2	Tr
11/28/2007	8151	454	836	1290	95	13.58	35	Tr	Tr	Tr
11/29/2007	8152	587	675	1262	66	19.12	29	Tr	Tr	Tr

11/30/2007	10032	497	1749	2246	135	16.64	32	0.04	0.5	1
12/1/2007	19352	2318	4570	6888	935	7.37	28	***	***	***
12/2/2007	14362	1639	3480	5119	759	6.74	14	0.18	1.8	2
12/3/2007	9830	569	979	1548	101	15.33	24	0.42	Tr	1
12/4/2007	9250	318	688	1006	162	6.21	25	0.2	4	5
12/5/2007	9789	676	1129	1805	170	10.62	17	0.08	2	5
12/6/2007	10138	587	1335	1922	228	8.43	10	0.05	1	4
12/7/2007	13223	1329	1799	3128	305	10.26	14	0	0	3
12/8/2007	21474	3084	5550	8634	1648	5.24	22	0.05	0.5	3
12/9/2007	18944	3561	4900	8461	1379	6.14	25	0	0	2
12/10/2007	9836	725	891	1616	113	14.30	26	0.25	0	2
12/11/2007	12060	1067	838	1905	127	15.00	27	0	0	1
12/12/2007	14383	665	788	1453	87	16.70	35	0.64	0	Tr
12/13/2007	9907	583	1103	1686	144	11.71	27	Tr	Tr	Tr
12/14/2007	20062	2140	5539	7679	1536	5.00	26	0.66	7	7
12/15/2007	26892	4114	7411	11525	2176	5.30	18	Tr	Tr	6
12/16/2007	16684	2114	4010	6124	603	10.16	16	0.49	2	6
12/17/2007	14906	2241	1669	3910	263	14.87	22	0.43	4	8
12/18/2007	22943	0	415	415	337	1.23	18	0.04	0.8	7
12/19/2007	33130	0	2101	2101	462	4.55	22	0	0	7
12/20/2007	32552	1143	1663	2806	363	7.73	26	0.07	0.8	7
12/21/2007	35734	1779	2759	4538	597	7.60	25	0	0	6
12/22/2007	47718	4887	6403	11290	2229	5.07	28	0	0	6
12/23/2007	56153	2538	3148	5686	536	10.61	36	Tr	0	4
12/24/2007	26421	3500	2579	6079	1060	5.73	41	0.69	0	Tr
12/25/2007	32075	7619	6746	14365	2407	5.97	29	0	0	Tr
12/26/2007	28492	5157	5835	10992	2068	5.32	24	0	0	Tr
12/27/2007	33922	7180	7915	15095	3082	4.90	28	Tr	Tr	Tr
12/28/2007	41605	#####	#####	20414	4932	4.14	33	0.11	Tr	Tr
12/29/2007	37594	8397	8882	17279	3372	5.12	35	0.21	0	Tr
12/30/2007	44029	#####	#####	23502	4372	5.38	38	0	0	0
12/31/2007	40384	6594	8511	15105	3696	4.09	30	0.64	8	8
1/1/2008	35071	6214	6975	13189	2348	5.62	23	0.18	2.5	8
1/2/2008	18063	2847	3725	6572	1014	6.48	24	0.35	4.5	11
1/3/2008	13753	1659	2367	4026	577	6.98	2	0.01	0.1	10
1/4/2008	14693	2242	4197	6439	924	6.97	-1	0	0	9
1/5/2008	29124	9691	#####	21077	4654	4.53	13	0	0	8
1/6/2008	25041	7267	#####	17341	3232	5.37	22	0.1	0.2	6
1/7/2008	15300	3244	2315	5559	604	9.20	38	Tr	0	3
1/8/2008	13516	1007	1321	2328	471	4.94	46	0	0	***
1/9/2008	14054	893	983	1876	120	15.63	51	0.05	0	***

1/10/2008	10313	1543	1801	3344	413	8.10	41	0.06	0	***
1/11/2008	12567	1182	1271	2453	76	32.28	33	0.68	0	0
1/12/2008	17296	8654	8590	17244	3002	5.74	40	0.35	0	0
1/13/2008	17915	8660	7715	16375	2772	5.91	29	0	0	0
1/14/2008	10892	1138	2159	3297	537	6.14	32	0.06	0.8	1
1/15/2008	11359	1502	2451	3953	483	8.18	28	0.2	2	3
1/16/2008	***	1373	3070	4443	660	6.73	20	0.1	2	5
1/17/2008	11758	1569	2630	4199	480	8.75	17	0	0	3
1/18/2008	15461	5828	7747	13575	2381	5.70	20	0.13	0.5	3
1/19/2008	22682	#####	#####	25633	5890	4.35	25	0	0	1
1/20/2008	21442	#####	#####	23916	4305	5.56	17	Tr	Tr	1
1/21/2008	17156	6392	7677	14069	2385	5.90	9	0	0	1
1/22/2008	12358	1158	1806	2964	408	7.26	12	0	0	1
1/23/2008	12796	2363	3260	5623	655	8.58	21	0.05	0.5	1
1/24/2008	12643	1572	1855	3427	506	6.77	18	0.01	0.1	1
1/25/2008	13989	2319	3248	5567	903	6.17	18	0.02	0.5	2
1/26/2008	21777	#####	#####	24327	4538	5.36	20	0	0	2
1/27/2008	19317	8069	#####	18958	3398	5.58	20	0.01	0.2	2
1/28/2008	17126	4963	6965	11928	2057	5.80	26	0	0	2
1/29/2008	14584	2604	4124	6728	1162	5.79	22	0	0	1
1/30/2008	15214	1965	2937	4902	576	8.51	29	0.31	0	Tr
1/31/2008	16306	3928	6288	10216	1783	5.73	25	0.09	Tr	Tr
2/1/2008	16797	3370	3758	7128	908	7.85	22	***	***	***
2/2/2008	21382	9413	9481	18894	3544	5.33	31	1.18	***	0
2/3/2008	19146	7602	9618	17220	3023	5.70	28	Tr	***	0
2/4/2008	12727	1306	1749	3055	486	6.29	31	0	0	0
2/5/2008	18872	1437	783	2220	40	55.50	34	0.71	0.2	0
2/6/2008	26230	520	842	1362	60	22.70	43	0.98	0	0
2/7/2008	17074	1342	1447	2789	259	10.77	38	0.48	Tr	Tr
2/8/2008	12944	2212	3227	5439	641	8.49	28	0.01	Tr	Tr
2/9/2008	19905	8985	#####	19229	3619	5.31	27	Tr	Tr	Tr
2/10/2008	19843	7017	9052	16069	2870	5.60	28	0.17	2	2
2/11/2008	13692	1424	2202	3626	282	12.86	16	0.09	1	3
2/12/2008	14155	1502	2015	3517	342	10.28	4	0	0	3
2/13/2008	22371	361	1312	1673	111	15.07	17	0.44	4	4
2/14/2008	14035	1450	3520	4970	566	8.78	26	0.78	1	3
2/15/2008	23120	8524	#####	18774	3639	5.16	23	0	0	3
2/16/2008	27498	9450	#####	21302	4152	5.13	22	0.03	0.5	3
2/17/2008	33765	#####	#####	26516	5087	5.21	16	0	0	3
2/18/2008	35682	3431	3931	7362	1367	5.39	39	0.83	***	Tr
2/19/2008	21163	6190	6178	12368	2167	5.71	38	0.13	1.5	2

2/20/2008	21625	6819	6298	13117	2147	6.11	20	0.01	0.1	1
2/21/2008	22015	6938	6590	13528	2363	5.72	15	Tr	Tr	1
2/22/2008	21032	5829	6177	12006	2108	5.70	15	0.06	0.5	1
2/23/2008	27224	#####	#####	24494	5174	4.73	21	0.35	4	5
2/24/2008	30028	#####	#####	25591	5330	4.80	17	0.01	0.1	5
2/25/2008	17966	1564	3679	5243	672	7.80	20	Tr	Tr	4
2/26/2008	16270	1188	2867	4055	269	15.07	25	Tr	Tr	3
2/27/2008	16614	635	840	1475	362	4.07	26	0.62	2	5
2/28/2008	17757	1622	2423	4045	428	9.45	12	0.08	1	6
2/29/2008	18782	2164	3154	5318	657	8.09	3	Tr	Tr	6
3/1/2008	24300	7965	9117	17082	3517	4.86	17	0.06	1	8
3/2/2008	25320	8061	0	8061	3909	2.06	25	Tr	Tr	6
3/3/2008	17370	2117	0	2117	629	3.37	24	Tr	0	3
3/4/2008	22200	1148	0	1148	86	13.35	40	1.97	0	Tr
3/5/2008	38550	702	0	702	33	21.27	32	0.31	0	Tr
3/6/2008	15010	1174	0	1174	258	4.55	33	0	0	Tr
3/7/2008	***	1728	2190	3918	453	8.65	36	0.86	0	0
3/8/2008	***	2653	4524	7177	711	10.09	40	1.18	0.5	Tr
3/9/2008	***	5361	0	5361	1946	2.75	21	Tr	Tr	Tr
3/10/2008	***	1710	0	1710	334	5.12	23	Tr	Tr	Tr
3/11/2008	***	1614	0	1614	330	4.89	30	0.02	0.2	Tr
3/12/2008	***	774	0	774	225	3.44	25	0.07	0.8	1
3/13/2008	***	740	0	740	291	2.54	29	0	0	***
3/14/2008	***	2817	0	2817	1107	2.54	35	0.35	0.2	Tr
3/15/2008	***	5459	0	5459	1924	2.84	35	0.15	1	1
3/16/2008	***	4091	0	4091	1626	2.52	35	Tr	Tr	***
3/17/2008	***	1650	0	1650	504	3.27	28	0	0	***
3/18/2008	***	1214	0	1214	366	3.32	32	0.24	0	***
3/19/2008	***	892	0	892	29	30.76	40	1.07	Tr	Tr
3/20/2008	***	1825	0	1825	306	5.96	32	0.13	2	2
3/21/2008	***	4135	0	4135	1487	2.78	23	0	0	Tr
3/22/2008	***	5130	0	5130	2059	2.49	25	0	0	0
3/23/2008	***	3953	0	3953	1415	2.79	24	0	0	0
3/24/2008	***	2087	0	2087	747	2.79	26	0	0	0
3/25/2008	***	1455	0	1455	504	2.89	28	0.1	0.3	Tr
3/26/2008	***	879	0	879	384	2.29	34	0	0	0
3/27/2008	***	1009	0	1009	224	4.50	32	0.8	2	2
3/28/2008	***	1082	0	1082	145	7.46	36	0.15	0.2	2
3/29/2008	***	3287	0	3287	1597	2.06	23	0	0	1
3/30/2008	***	2853	0	2853	1674	1.70	21	Tr	0	Tr
3/31/2008	***	605	0	605	54	11.20	37	0.74	0	0

4/1/2008	***	500	630	1130	22	51.36	40	0.32	0.2	Tr
4/2/2008	***	707	1255	1962	138	14.22	38	Tr	Tr	Tr
4/3/2008	***	921	1510	2431	217	11.20	27	0.29	0.2	Tr
4/4/2008	***	686	940	1626	23	70.70	36	0.54	0	0
4/5/2008	***	1393	3836	5229	416	12.57	37	0.01	0	0
4/6/2008	***	1433	3993	5426	809	6.71	37	0	0	0
4/7/2008	***	447	1260	1707	134	12.74	42	0	0	0
4/8/2008	***	472	1299	1771	160	11.07	46	0	0	0
4/9/2008	***	538	1465	2003	190	10.54	50	0	0	0
4/10/2008	***	617	1359	1976	211	9.36	52	0.06	0	0
4/11/2008	***	777	1815	2592	164	15.80	50	0.31	0	0
4/12/2008	8361	1916	3081	4997	446	11.20	47	0.04	0	0
4/13/2008	5341	1031	3495	4526	410	11.04	48	0.01	Tr	Tr
4/14/2008	559	649	363	1012			31	0	0	0
4/15/2008	574	364	401	765			34	0	0	0
4/16/2008	735	237	685	922			41	0	0	0
4/17/2008	227	12	380	392			50	0	0	0
4/18/2008	288	341	562	903			57	0	0	0
4/19/2008	0	0	0	0			61	0	0	0
4/20/2008	0	0	0	0			60	0	0	0
4/21/2008	756	938	607	1545			50	0	0	0
4/22/2008	1520	2117	797	2914			57	0	0	0
4/23/2008	259	319	434	753			59	0.03	0	0
4/24/2008	412	219	434	653			59	0	0	0
4/25/2008	287	350	0	350			53	0	0	0
4/26/2008	0	0	0	0			59	0.21	0	0
4/27/2008	15	0	0	0			57	0.08	0	0
4/28/2008	845	233	565	798			52	0.51	0	0
4/29/2008	1243	411	381	792			39	Tr	0	0
4/30/2008	242	276	451	727			32	Tr	Tr	Tr

FLAGS:

*** = missing data

Tr = trace

NOTES:

Temperatures: degrees Fahrenheit

Precipitation, Snowfall, Snow Depth: inches

Appendix B
Site Inspection Pictures

March 17, 2009 Site Inspection



Nursery Septic Tank (contributory to Manhole #5) – The cover to this tank is located at the end of a natural swale that appears to allow surface water to enter this tank. The access cover was not tightly in place as can be observed by the soil evident on the lip of the tank. Few floating solids were observed in this tank and it is not clear if a baffle was in place.



Manhole 5 - This manhole accepts the flow from the septic tank from the Nursery. This manhole showed several inches of wastewater at the bottom, this should not have been present if the outlet was not obstructed. The line from this tank should be jetted to remove blockage.



V-notch weir – The steep angle of the notch is susceptible to fouling with solids and appears to be the cause of inaccurate (high) flow measurements. This should be replaced Parshall Flume to render more accurate flow measurements and not be as susceptible to blocking.

April 3, 2009 Inspection
Flow pattern from the culvert to the manholes



. Stormwater Runoff was observed draining into the manhole covers servicing the Discovery Lodge holding tank and pump chamber. A 1 acre+/- impervious area drained to the point of infiltration.