

Appendix D – Sump Flow Data

Date	Time	Instantaneous Flow (gpm)	Totalizer Reading	Calculated GPM	Comments
1-Jan-10	11:00	320	198733000		
2-Jan-10	18:00	310	199320000	316	
3-Jan-10	17:50	310	199754000	304	
4-Jan-10	9:00	315	200039000	313	
5-Jan-10	9:00	310	200474000	302	
6-Jan-10					no readings collected
7-Jan-10	9:00	310	201343600	302	
8-Jan-10	9:00	310	201779300	303	
9-Jan-10	9:00	300	202207000	297	
10-Jan-10	9:00	300	202638700	300	
11-Jan-10	9:00	310	203066400	297	
12-Jan-10	9:00	300	203504500	304	
13-Jan-10	9:00	300	203933600	298	
14-Jan-10	9:00	300	204360100	296	
15-Jan-10	9:00	300	204786600	296	
16-Jan-10	9:00	300	205213900	297	
17-Jan-10	9:00	300	205604500	271	
18-Jan-10	9:00		205982550	263	
19-Jan-10	9:00	250	20635500		incorrect totalizer reading, no calculated GPM
20-Jan-10	9:00	250	206720000		
21-Jan-10	9:00	250	207180000	319	
22-Jan-10	9:00	250	207622000	307	
23-Jan-10	9:00	250	208043800	293	
24-Jan-10	9:00	250	208451800	283	
25-Jan-10	9:00	250	208650500	138	
26-Jan-10					no readings taken
27-Jan-10	9:00	250	20967900		incorrect totalizer reading, no calculated GPM
28-Jan-10	9:30	250	210069300		
29-Jan-10	9:00	250	210414000	239	
30-Jan-10					no readings taken
31-Jan-10	9:00	250	211181300	266	
1-Feb-10		275	211557000		No time recorded
2-Feb-10		275	211935000		No time recorded
3-Feb-10		270	212321000		No time recorded
4-Feb-10		250	212643500		No time recorded
5-Feb-10		220	212996300		No time recorded
6-Feb-10			213361700		No time or instantaneous gpm recorded
7-Feb-10			213719200		No time or instantaneous gpm recorded
8-Feb-10		250	214139350		No time recorded
9-Feb-10		250	214444600		No time recorded
10-Feb-10		250	214792300		No time recorded
11-Feb-10		240	215219500		No time recorded

Date	Time	Instantaneous Flow (gpm)	Totalizer Reading	Calculated GPM	Comments
12-Feb-10		240	215546100		No time recorded
13-Feb-10		250	215844100		No time recorded
14-Feb-10		250	216162320		No time recorded
15-Feb-10	8:30	210	216505700		
16-Feb-10	9:00	240	216852000	236	
17-Feb-10	9:00	240	217008100	108	
18-Feb-10	9:00	240	217340450	231	
19-Feb-10	8:30	250	217672150	235	
20-Feb-10					no readings
21-Feb-10	10:00	230	218379450	238	
22-Feb-10	9:00	230	218686600	223	
23-Feb-10	9:00	240	219067100	264	
24-Feb-10	9:00	240	219404350	234	
25-Feb-10	9:00	240	219727750	225	
26-Feb-10	9:00	230	220060300	231	
27-Feb-10	9:00	210	220364400	211	
28-Feb-10	9:00	210	220670550	213	
1-Mar-10	9:00	200	220985850	219	
2-Mar-10	9:00	210	22128925		incorrect totalizer reading, no calculated GPM
3-Mar-10	9:00	250	221622400	221	
4-Mar-10	8:30	220	221934100	221	
5-Mar-10	9:00	220	222155900	151	
6-Mar-10	9:00	210	222465150	215	
7-Mar-10	9:00	220	222763700	207	
8-Mar-10	9:00	210	223071050	213	
9-Mar-10	9:00	220	223363300	203	
10-Mar-10	9:00	210	223655600	203	
11-Mar-10	9:00	220	223944550	201	
12-Mar-10	9:00	200	224228550	197	
13-Mar-10	9:00	200	224513250	198	
14-Mar-10	8:30	210	224770700	183	
15-Mar-10			225049300		No time recorded
16-Mar-10			225328500		No time recorded
17-Mar-10			225590500		No time recorded
18-Mar-10			225863000		No time recorded
19-Mar-10			226133250		No time recorded
20-Mar-10			226390456		No time recorded
21-Mar-10			226654900		No time recorded
22-Mar-10	10:58	180	226937880		
23-Mar-10	11:24	170	227191520	173	
24-Mar-10	12:06	180	227455080	178	
25-Mar-10	12:00	170	227699320	170	

Date	Time	Instantaneous Flow (gpm)	Totalizer Reading	Calculated GPM	Comments
26-Mar-10	12:10	170	227943120	168	
27-Mar-10	12:31	170	228189170	168	
28-Mar-10	11:55	160	228411410	158	
29-Mar-10	8:59	160	228608360	156	
30-Mar-10	9:10	160	228837460	158	
31-Mar-10	8:47	160	229056366	154	
1-Apr-10	8:50	150	229277600	153	
2-Apr-10	11:03	150	229514500	151	
3-Apr-10	10:00	150	229715000	146	
4-Apr-10	9:45	140	229919059	143	
5-Apr-10	8:24	140	230110080	141	
6-Apr-10	9:21	140	230315740	137	
7-Apr-10	13:06	140	230537840	133	
8-Apr-10	9:50	120	230700470	131	
9-Apr-10	7:58	130	230870002	140	
10-Apr-10					Severe weather, no access
11-Apr-10	16:06	120	231295870	126	
12-Apr-10	9:58	130	231428980	124	
13-Apr-10	8:19	120	231593370	123	
14-Apr-10	8:35	120	231764820	118	
15-Apr-10	9:15	120	231936520	116	
16-Apr-10					Severe weather, no access
17-Apr-10	8:00	120	232267099	118	
18-Apr-10	9:57	110	232446760	115	
19-Apr-10	11:30	170	232649770	133	
20-Apr-10	10:50	150	232881900	166	
21-Apr-10	11:57	160	233174860	194	
22-Apr-10	11:38	160	233409360	165	
23-Apr-10	9:43	150	233617200	157	
24-Apr-10	10:48	130	233837098	146	
25-Apr-10	11:23	130	234037090	136	
26-Apr-10	8:55	140	234214790	133	
27-Apr-10	9:37	220	234486210	177	
28-Apr-10	8:08	220	234788480	224	
29-Apr-10	8:32	220	235113820	222	
30-Apr-10	8:43	150	235357350	168	
1-May-10	10:06	140	235601490	161	
2-May-10	9:35	130	235801480	142	
3-May-10	8:05	120	235982440	134	
4-May-10	9:35	130	236196280	140	
5-May-10	8:38	130	236387430	138	
6-May-10	10:52	150	236633730	156	

Date	Time	Instantaneous Flow (gpm)	Totalizer Reading	Calculated GPM	Comments
7-May-10	8:38	180	236927110	225	
8-May-10	11:36	200	237497900	353	
9-May-10	10:02	200	237847500	260	
10-May-10					
11-May-10					
12-May-10	10:05	430	239143080	300	
13-May-10	13:29	450	239867550	441	
14-May-10	9:26	450	240396750	421	
15-May-10	9:07	460	241008060	430	
16-May-10	10:16	450	241681450	446	
17-May-10	8:17	440	242277090	452	
18-May-10	9:26	450	242960100	453	
19-May-10	8:28	450	243587850	454	
20-May-10	7:52	452	244227550	456	
21-May-10	8:05	450	244887700	454	
22-May-10	15:14	450	245741750	457	
23-May-10	10:28	450	246268450	509	
24-May-10	9:10	450	246887050	454	
25-May-10	11:11	450	247595550	520	
26-May-10	8:03	450	248160650	446	
27-May-10	9:02	450	248789350	419	
28-May-10	8:35	420	249386420	423	
29-May-10	12:07	390	250049190	401	
30-May-10	11:03	350	250553750	367	
31-May-10	8:08	330	250992130	347	
1-Jun-10	9:18	330	251495180	333	
2-Jun-10	8:36	320	251950320	326	
3-Jun-10	8:45	310	252415110	321	
4-Jun-10	9:05	310	252874360	315	
5-Jun-10	13:20	310	253402560	312	
6-Jun-10	9:40	300	253781100	310	
7-Jun-10	8:00	300	254195650	309	
8-Jun-10	10:06	300	254678650	308	
9-Jun-10	9:13	260	255058960	274	
10-Jun-10	10:59	250	255463550	262	
11-Jun-10	9:06	260	255804660	257	
12-Jun-10	9:14	260	256178006	258	
13-Jun-10	18:25	240	256681009	253	
14-Jun-10	10:33	260	256928060	255	
15-Jun-10	10:00	340	257343040	295	
16-Jun-10	9:44	350	257839450	349	
17-Jun-10	10:08	410	258398910	382	

Date	Time	Instantaneous Flow (gpm)	Totalizer Reading	Calculated GPM	Comments
18-Jun-10	10:16	410	258995910	412	
19-Jun-10	19:28	310	259692860	280	
20-Jun-10	11:00	300	259980500	309	
21-Jun-10	9:16	290	260378590	298	
22-Jun-10	9:05	290	260792310	290	
23-Jun-10	10:03	280	261219580	285	
24-Jun-10	9:09	280	261608380	281	
25-Jun-10	8:48	290	262003490	278	
26-Jun-10					no readings collected
27-Jun-10					no readings collected
28-Jun-10	10:08	290	263264140		
29-Jun-10	10:31	290	263696140	295	
30-Jun-10	8:31	280	264077580	289	
1-Jul-10	8:37	280	264484230	281	
2-Jul-10	8:31	280	264881130	277	
3-Jul-10	9:01	270	265281470	272	
4-Jul-10	9:29	270	265673770	267	
5-Jul-10	8:58	270	266043370	262	
6-Jul-10	9:34	260	266422460	257	
7-Jul-10	9:21	260	266787510	256	
8-Jul-10	8:52	320	267159520	264	
9-Jul-10	13:07	270	267604970	263	
10-Jul-10	11:32	290	267976440	276	
11-Jul-10	12:07	280	268383980	276	
12-Jul-10	12:54	290	268792240	275	
13-Jul-10	8:58	280	269123580	275	
14-Jul-10	16:47	270	269300970	93	
15-Jul-10	9:45	280	269588880	283	
16-Jul-10	9:35	270	269993002	283	
17-Jul-10	9:21	280	270397880	284	
18-Jul-10	9:41	290	270813590	285	
19-Jul-10	8:07	310	271211620	296	
20-Jul-10	9:17	310	271678560	309	
21-Jul-10	9:03	320	272125270	313	
22-Jul-10	9:49	310	272584010	309	
23-Jul-10	9:07	320	273033070	321	
24-Jul-10	8:56	310	273487660	318	
25-Jul-10	10:58	310	273959360	302	
26-Jul-10	8:58	40	274326940	278	
27-Jul-10	9:11	20	274711310	265	
28-Jul-10	9:12	295	275175595	322	
29-Jul-10	8:10	310	275600310	308	

Date	Time	Instantaneous Flow (gpm)	Totalizer Reading	Calculated GPM	Comments
30-Jul-10	8:12	300	276032600	300	
31-Jul-10	7:49	310	276469210	308	
1-Aug-10	7:46	290	276893891	296	
2-Aug-10	13:06	320	277394320	284	
3-Aug-10	10:19	300	277757300	285	
4-Aug-10	10:55	270	278163550	275	
5-Aug-10	11:23	260	278577760	282	
6-Aug-10	12:00	290	278995290	283	
7-Aug-10	10:26	280	279375480	282	
8-Aug-10	9:55	280	279772930	282	
9-Aug-10	8:09	290	280153290	285	
10-Aug-10	8:27	300	280580110	293	
11-Aug-10	10:34	300	281076700	317	
12-Aug-10	9:08	300	281491710	307	
13-Aug-10	8:23	310	281920410	307	
14-Aug-10	10:20	330	282409330	314	
15-Aug-10	8:35	450	283001750	444	
16-Aug-10	8:28	390	283602990	420	
17-Aug-10	9:25	380	284174620	382	
18-Aug-10	8:26	350	284667250	357	
19-Aug-10	8:02	320	285139020	333	
20-Aug-10	8:35	320	285614570	323	
21-Aug-10	8:17	330	286061380	314	
22-Aug-10	8:48	310	286510310	305	
23-Aug-10	10:47	290	286969840	295	
24-Aug-10	8:42	280	287345930	286	
25-Aug-10	8:34	280	287751880	283	
26-Aug-10	8:20	290	288153290	281	
27-Aug-10	8:32	270	288557470	278	
28-Aug-10	8:37	280	288955830	276	
29-Aug-10	9:21	280	289364390	275	
30-Aug-10	8:52	280	289750980	274	
31-Aug-10	9:10	280	290145280	270	
1-Sep-10	9:10	270	290530720	268	
2-Sep-10	9:08	290	290953790	294	
3-Sep-10	13:15	480	291538100	346	
4-Sep-10	9:51	510	292090510	447	
5-Sep-10	9:02	410	292735010	463	
6-Sep-10	8:43	420	293320520	412	
7-Sep-10	9:52	680	294084380	506	
8-Sep-10	9:56	580	294971380	614	
9-Sep-10	9:02	470	295672270	506	

Date	Time	Instantaneous Flow (gpm)	Totalizer Reading	Calculated GPM	Comments
10-Sep-10	9:52	403	296309853	428	
11-Sep-10	11:29	410	296980630	436	
12-Sep-10	8:40	400	297499700	408	
13-Sep-10	8:46	400	298072400	396	
14-Sep-10	10:07	370	298652870	382	
15-Sep-10	9:10	370	299181870	383	
16-Sep-10	13:47	380	299851880	390	
17-Sep-10	9:25	380	300289430	371	
18-Sep-10	10:56	360	300849210	366	
19-Sep-10	9:47	370	301340570	358	
20-Sep-10	9:51	330	301846060	350	
21-Sep-10	9:14	340	302309540	330	
22-Sep-10	10:12	300	302794800	324	
23-Sep-10	9:20	347	303235350	317	
24-Sep-10	9:00	300	303673600	309	
25-Sep-10	12:49	270	304178870	303	
26-Sep-10	9:20	260	304545760	298	
27-Sep-10	10:03	290	304968690	285	
28-Sep-10	9:16	290	305368490	287	
29-Sep-10	9:13	280	305772180	281	
30-Sep-10	9:34	280	306176330	277	
1-Oct-10	9:42	290	306573398	274	
2-Oct-10	9:29	290	306965490	275	
3-Oct-10	8:32	260	307340260	271	
4-Oct-10	8:35	280	307730180	270	
5-Oct-10	9:25	270	308124180	264	
6-Oct-10	9:40	260	308511160	266	
7-Oct-10	10:00	260	308894880	263	
8-Oct-10	9:10	260	309259760	263	
9-Oct-10	10:07	600	309628860	247	
10-Oct-10	9:40	450	310002700	265	
11-Oct-10	9:45	250	310375000	258	
12-Oct-10	9:45	250	310735380	250	
13-Oct-10	10:12	240	311099570	248	
14-Oct-10	8:20	300	311438550	255	
15-Oct-10	13:00	280	311950680	298	
16-Oct-10	9:53	330	312307730	285	
17-Oct-10	10:08	270	312708370	275	
18-Oct-10	9:02	260	313068010	262	
19-Oct-10	9:34	250	313439250	252	
20-Oct-10	9:22	240	313788340	244	
21-Oct-10	9:46	240	314137840	239	

Date	Time	Instantaneous Flow (gpm)	Totalizer Reading	Calculated GPM	Comments
22-Oct-10	10:15	230	314483930	236	
23-Oct-10	9:56	250	314819400	236	
24-Oct-10	9:44	230	315152680	233	
25-Oct-10	9:25	220	315480940	231	
26-Oct-10	10:03	200	315818850	229	
27-Oct-10	9:30	293	316314300	352	
28-Oct-10	9:58	240	316470190	106	
29-Oct-10	9:10	240	316798004	235	
30-Oct-10	11:40	230	317174580	237	
31-Oct-10	9:25	200	317479750	234	
1-Nov-10	11:10	230	317836730	231	
2-Nov-10	10:05	230	318150430	228	
3-Nov-10	7:53	220	318442570	223	
4-Nov-10	11:13	220	318811570	225	
5-Nov-10	9:20	220	319107700	223	
6-Nov-10	11:25	220	319446320	216	
7-Nov-10	10:09	210	319749510	222	
8-Nov-10	9:53	220	320048370	210	
9-Nov-10	8:50	210	320334010	201	
10-Nov-10	8:52	210	320629360	205	
11-Nov-10	8:49	210	320922410	204	
12-Nov-10	9:45	200	321224250	202	
13-Nov-10	10:12	200	321515550	199	
14-Nov-10	11:45	200	321812110	193	
15-Nov-10	10:00	190	322065490	190	
16-Nov-10	9:20	200	322327350	187	
17-Nov-10	8:10	210	322584210	187	
18-Nov-10	9:05	190	322866510	189	
19-Nov-10	8:56	190	323136270	189	
20-Nov-10	13:36	340	323497540	210	
21-Nov-10	14:44	520	324141350	427	
22-Nov-10	8:53	750	324921300	716	
23-Nov-10	9:23	450	325674450	512	
24-Nov-10	9:26	390	326265400	410	
25-Nov-10	9:31	330	326781790	357	
26-Nov-10	9:55	270	327201220	286	
27-Nov-10	10:25	240	327570490	251	
28-Nov-10	10:27	220	327906520	233	
29-Nov-10	8:50	220	328204870	222	
30-Nov-10	9:40	210	328522560	213	
1-Dec-10	10:28	200	328828210	205	
2-Dec-10	13:40	210	329156210	201	

Date	Time	Instantaneous Flow (gpm)	Totalizer Reading	Calculated GPM	Comments
3-Dec-10					
4-Dec-10	10:01	200	329682900	198	
5-Dec-10	11:18	190	329959640	182	
6-Dec-10	9:05	160	330216060	196	
7-Dec-10	9:44	190	330494020	188	
8-Dec-10	10:52	190	330779110	189	
9-Dec-10	9:20	170	331028550	185	
10-Dec-10	9:00	180	331287360	182	
11-Dec-10	9:15	190	331554370	184	
12-Dec-10					
13-Dec-10	11:11	190	332098390	182	
14-Dec-10	10:13	170	332345620	179	
15-Dec-10	10:39	170	332603470	176	
16-Dec-10	9:50	180	332845230	174	
17-Dec-10	9:20	180	333090030	174	
18-Dec-10	10:03	180	333343880	171	
19-Dec-10	N/A				
20-Dec-10	10:41	170	333841670	171	
21-Dec-10	10:34	170	334077020	164	
22-Dec-10	10:15	150	334304500	160	
23-Dec-10	N/A				
24-Dec-10	16:04	200	334819000	159	
25-Dec-10	N/A				
26-Dec-10	N/A				
27-Dec-10	10:11	150	335431050	154	
28-Dec-10	13:30	150	335670070	146	
29-Dec-10	11:45	150	335878000	156	
30-Dec-10	11:16	140	336087330	148	
31-Dec-10	11:23	150	336298300	146	