

Appendix C—WTP Process Flow Data

	Week 1	Week 2	Week 3	Week 4	Week 5	Month
	5/1-2/2009	5/3-9/2009	5/10-16/2009	5/17-23/2009	5/24-31/2009	Total
Gross	515,087	1,953,568	1,591,077	1,270,253	1,724,204	7,054,189
Filtrate	5,272	22,576	12,661	15,561	22,323	78,393
Net	509,814	1,922,992	1,575,142	1,254,694	1,661,881	6,924,523
Flush	4,556	20,740	11,288	13,872	20,264	70,720
Total	519,643	1,974,309	1,605,901	1,284,399	1,744,466	7,128,718
GPM	180.43	195.86	159.32	127.42	151.43	165.76

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Week
	6/1/2009	6/2/2009	6/3/2009	6/4/2009	6/5/2009	6/6/2009	6/7/2009	Totals
Gross	169,140	182,982	224,257	250,828	209,061	263,124	N/A	1,460,791
Filtrate	2,164	2,309	2,827	3,276	2,678	3,451	N/A	19,163
Net	166,977	180,674	221,430	247,552	206,382	259,673	N/A	1,441,629
Flush	1,972	2,108	2,584	2,992	2,448	3,120	N/A	17,468
Total	171,112	185,090	226,841	253,820	211,509	266,252	N/A	1,478,267
GPM	119	129	158	176	147	185	N/A	147

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Week
	6/8/2009	6/9/2009	6/10/2009	6/11/2009	6/12/2009	6/13/2009	6/14/2009	Totals
Gross	270,878	266,321	236,405	265,758	257,681	247,946	250,484	1,795,473
Filtrate	3340	3466	2932	3537	3264	3100	3323	22,962
Net	267,537	262,855	233,472	262,221	254,417	244,846	247,161	1,772,509
Flush	2992	3196	2720	3264	2992	2856	3050	21,070
Total	273,870	269,517	239,125	269,022	260,673	250,802	253,544	1,816,553
GPM	190	187	166	187	181	174	176	180

	Sun 6/14/2009	Mon 6/15/2009	Tue 6/16/2009	Wed 6/17/2009	Thu 6/18/2009	Fri 6/19/2009	Sat 6/20/2009	Week3 Totals
Gross	250484	246315	245418	284270	282678	247020	295443	1851628
Filterate	3323	3306	3237	3167	3351	2944	3221	22549
Net	247161	243009	242181	281103	279327	244076	292222	1829079
Flush	3050	3060	2992	2788	3060	2720	2924	20594
Total	253544	249375	248410	287058	285738	249740	298367	1872232
GPM	176	173	173	199	198	173	207	185
	Sun 6/21/2009	Mon 6/22/2009	Tue 6/23/2009	Wed 6/24/2009	Thu 6/25/2009	Fri 6/26/2009	Sat 6/27/2009	Week 4 Totals
Gross	259,775	428,644	226,981	384,027	253,360	105,900	308,887	1,967,574
Filtrate	2,550	4,104	2,230	3,761	2,626	1,585	3,227	20,083
Net	257,275	424,540	224,751	380,266	250,734	104,315	305,659	1,947,540
Flush	2,312	3,604	1,972	3,264	2,380	1,496	2,788	17,816
Total	262,087	432,248	228,953	387,292	255,740	107,396	311,675	1,985,391
GPM	182	300	159	269	178	75	216	197
	Sun 6/28/2009	Mon 6/29/2009	Tue 6/30/2009	Wed 7/1/2009	Thu 7/2/2009	Fri 7/3/2009	Sat 7/4/2009	Week Totals
Gross	433567	464557	282691	484119	465197	414799	308887	1967574
Filtrate	4318	4533	2760	4671	4488	3978	3227	20083
Net	429249	460024	279931	478448	460709	410821	305659	1947540
Flush	3740	3876	2448	4012	3944	3468	2788	17816
Total	437307	468433	285139	488131	467141	418267	311675	1985391
GPM WTP	304	325	198	339	324	290	216	285
IW Total met	934222	1403307	1760766	2171065	2637101	3088105	3517420	3003772
Daily Total	420574	469085	357459	410299	466036	451004	429315	3003772
GPM IWF	298	319	234	304	321	295	298	296
Minutes	1410	1470	1530	1350	1450	1530	1440	10180
	Sun 7/5/2009	Mon 7/6/2009	Tue 7/7/2009	Wed 7/8/2009	Thu 7/9/2009	Fri 7/10/2009	Sat 7/11/2009	Week Totals
Gross	456119	456008	447548	447373	441666	447673	308887	3005274
Filtrate	4429	4403	4528	4355	4536	3978	3227	29456
Net	451690	451608	443019	443018	437129	410821	305659	2942944
Flush	3808	3760	3876	3808	3944	3468	2788	25452
Total	459927	459903	451424	451181	445610	418267	311675	2997987
GPM WTP	319	319	313	313	309	290	216	297
IW Totalmete	3975910	4453655	4620555	4879810	5356986	6224639	6679038	6165390
Daily Total	458490	477745	166900	259255	477176	867653	454399	3161618
GPM IWF	318	314	109	207	308	413	316	314
Minutes	1440	1520	1530	1250	1550	2100	1440	10080
	Sun 7/12/2009	Mon 7/13/2009	Tue 7/14/2009	Wed 7/15/2009	Thu 7/16/2009	Fri 7/17/2009	Sat 7/18/2009	
Gross	438323	458161	459537	457965				
Filtrate	4504	4624	4653	4590				
Net	433820	453537	454885	453376				
Flush	3808	3876	3876	3876				
Total	442131	462037	463413	461841				
GPM WTP	307.7	321	322	321				
IW Totalmete	7154001	7594189	8034377	8497605				
Daily Total	458490	440188	440188	463228				

Appendix D—WTP Process Flow Data

	Sun 7/12/2009	Mon 7/13/2009	Tue 7/14/2009	Wed 7/15/2009	Thu 7/16/2009	Fri 7/17/2009	Sat 7/18/2009	Week Totals
Gross	438323	458161	459537	457965	434236	438442	380476	3067140
Filtrate	4504	4624	4653	4590	4272	4341	3718	30702
Net	433820	453537	454885	453376	429964	434102	376758	3036442
Flush	3808	3876	3876	3876	3672	3740	3196	26044
Total	442131	462037	463413	461841	437908	442187	383672	3093189
GPM WTP	307	321	322	321	304	307	266	307
IW Flow meter	7154001	7616038	8034377	8497605	8935513	9256833	9964500	
Daily Total	474963	462037	418339	463228	437908	321320	707667	3285462
	Sun 7/19/2009	Mon 7/20/2009	Tue 7/21/2009	Wed 7/22/2009	Thu 7/23/2009	Fri 7/24/2009	Sat 7/25/2009	Week Totals
Gross	351126	416175	301783	421211	371951	154673	443526	2460445
Filtrate	3510	4297	3647	4296	3345	1013	3951	24059
Net	347616	411878	298136	416915	368606	153660	439575	2436386
Flush	2992	3536	2720	3536	3536	340	3332	1992
Total	354118	419711	304503	424747	376050	105753	446858	2431740
GPM WTP	246	291	211	295	261	74	310	241
IW Totalizer	329116	721107	1041400	1483890	1708776	1984710	2430095	
Daily Total	168672	391991	320293	442490	224886	275934	445385	2269741
	Sun 7/26/2009	Mon 7/27/2009	Tue 7/28/2009	Wed 7/29/2009	Thu 7/30/2009	Fri 7/31/2009	Sat 8/1/2009	Week Totals
Gross	429355	427695	393440	359826	451336	454703	414465	2930820
Filtrate	4151	3942	3986	3539	4117	4101	4092	27928
Net	425205	423753	389454	356288	447219	450601	410373	2902893
Flush	3672	3604	3468	3060	3808	3808	3604	25024
Total	433027	431299	396908	362886	455144	458511	418069	2955844
GPM WTP	300.7	299.5	275.6	252	316.1	318.4	290.3	293.2
IW Totalizer	2871151	3282907	3558071	3917305	4365108	4768474	5214563	
Daily Total	441056	411756	275164	359234	447803	403366	446089	2784468
	Sun 8/2/2009	Mon 8/3/2009	Tue 8/4/2009	Wed 8/5/2009	Thu 8/6/2009	Fri 8/7/2009	Sat 8/8/2009	Week Totals
Gross	452866	423762	453183	382856	350795	424829	302300	2790591
Filtrate	4186	3898	4449	6030	5162	6397	3982	34104
Net	448680	419864	448734	376826	345633	418432	29319	2487488
Flush	3876	3604	3944	5576	4488	5576	3400	30464
Total	456742	427366	457127	388432	355283	430405	305700	2821055
GPM WTP	317	297	317	270	247	299	212	280
IW Totalmeter	5434259	5858843	6292123	6691111	7083816	7439099	7830084	
Daily Total	219696	424584	433280	398988	392705	355283	390985	2615521
	Sun 8/9/2009	Mon 8/10/2009	Tue 8/11/2009	Wed 8/12/2009	Thu 8/13/2009	Fri 8/14/2009	Sat 8/15/2009	Week Totals
Gross	430284	411417	312091	417815	359912	282487	352878	2566884
Filtrate	6361	6553	5074	6840	5601	4368	5931	40728
Net	423923	404864	307017	410975	354341	278119	346947	2526186
Flush	5576	5780	4420	6052	5032	4012	5236	36108
Total	435860	417197	316511	423867	364974	286499	358114	2603022
GPM WTP	303	289.1	219.8	294	253.4	199	248.7	258.1428571
IW Totalmeter	8200958	8580815	8907631	9301767	9677998	10010172	10320989	
Daily Total	370874	379857	326816	394136	376231	332174	310817	2490905

	Sun 8/16/2009	Mon 8/17/2009	Tue 8/18/2009	Wed 8/19/2009	Thu 8/20/2009	Fri 8/21/2009	Sat 8/22/2009	Week Totals
Gross	414629	318528	354134	398974	397352	66973	372856	2323446
Filtrate	6536	5630	5865	6562	6533	6273	6429	43828
Net	408093	312898	348269	392412	390820	360700	366427	2579619
Flush	5916	5168	5236	6052	6052	5780	5116	39320
Total	420545	323696	359370	405026	403404	372753	378772	2663566
GPM WTP	292	224.8	249.5	281.2	280.1	258.8	263	264.2
IW Totalmeter	718032	1039145	1390879	1761664	2163415	2544215	2896405	1787679.286
Daily Total	397043	321113	351734	370785	401751	380800	352190	2575416

	Sun 8/23/2009	Mon 8/24/2009	Tue 8/25/2009	Wed 8/26/2009	Thu 8/27/2009	Fri 8/28/2009	Sat 8/29/2009	Week Totals
Gross	368880	397170	316194	323511	359184	317294	386088	2468321
Filtrate	6137	6585	5525	5519	5956	5325	5770	40817
Net	362743	390584	310670	317992	353228	311969	380318	2427504
Flush	5646	6120	5168	5100	5508	4896	5236	37674
Total	374524	403290	321367	328611	364692	322190	391324	2505998
GPM WTP	260	280	223	228	253	224	272	248.57143
IW Totalmeter	3273027	3838429	3948103	4262159	4606780	4951401	5341188	
Daily Total	376622	565402	109674	314056	344621	344621	389787	2444783

	Sun 8/30/2009	Mon 8/31/2009	Tue 9/1/2009	Wed 9/2/2009	Thu 9/3/2009	Fri 9/4/2009	Sat 9/5/2009	Week Totals
Gross	258051	173536						431587
Filtrate	3978	2570						6548
Net	254073	170966						425039
Flush	3604	2244						5848
Total	261655	175780						437435
GPM WTP	182	122						152
IW Totalmeter								
Daily Total								

	Sun 8/30/2009	Mon 8/31/2009	Tue 9/1/2009	Wed 9/2/2009	Thu 9/3/2009	Fri 9/4/2009	Sat 9/5/2009	Week Totals
Gross			226013	32533	333359	368373	350888	1311166
Filtrate			3870	5510	5681	6006	5578	26645
Net			222144	315022	327678	362367	345310	1572521
Flush			3332	4828	4896	5304	4964	23324
Total			229345	325361	338255	373677	355852	1622490
GPM WTP			159	226	234	259	247	225
IW Totalmeter			55928	6364771	6682843	7087470	7422415	

	Sun 9/6/2009	Mon 9/7/2009	Tue 9/8/2009	Wed 9/9/2009	Thu 9/10/2009	Fri 9/11/2009	Sat 9/12/2009	Week Totals
Gross	359136	352227	355379	348296	342107	342987	342180	2442312
Filtrate	5997	6135	6568	6404	6332	6312	6322	44070
Net	353139	346092	348812	341892	335776	336685	335857	2398253
Flush	5304	5440	5848	5780	5712	5712	5712	39508
Total	364440	357667	361227	354076	347819	348709	347892	2481830
GPM WTP	253	248	250	245	241	242	241	245.71429
IW Totalmeter	7757890	8195354	8524370	8874031	9209833	9528920	9866364	

	Sun 9/13/2009	Mon 9/14/2009	Tue 9/15/2009	Wed 9/16/2009	Thu 9/17/2009	Fri 9/18/2009	Sat 9/19/2009	Week Totals
Gross	220225	237193	296481	205569	299493	346226	340309	1945496
Filtrate	4128	4358	5258	3418	5042	6010	6047	34261
Net	216097	232835	291232	202151	294451	340216	334263	1911245
Flush	3740	3944	4760	3060	4556	5440	5508	31008
Total	223965	241137	301251	208629	304049	351666	345817	1976514
GPM WTP	155	167	209	144	211	244	240	195.71429
IW Totalmeter	67574	316298	555249	803214	1110975	1445146	1774741	

	Sun 9/27/2009	Mon 9/28/2009	Tue 9/29/2009	Wed 9/30/2009
Gross	303479	315725	221926	267865
Filtrate	5879	5978	4631	5136
Net	297600	309747	217296	262729
Flush	5576	5712	4286	4624
Total	309055	321437	226210	272489
GPM WTP	214.6	223.2	157	189
IW Totalmeter	4100010	4394383	4632750	4825693

	Sun 9/27/2009	Mon 9/28/2009	Tue 9/29/2009	Wed 9/30/2009	Thu 10/1/2009	Fri 10/2/2009	Sat 10/3/2009	Week Totals
Gross					362730	358548	294457	
Filtrate					6013	5686	5711	
Net					356717	352862	288746	
Flush					5576	5372	5440	
Total					368306	363920	299897	
GPM WTP					255.7	252.7	208.2	
IW Totalmeter					5145019	5452270	5730316	
Daily Total								

	Sun 10/4/2009	Mon 10/5/2009	Tue 10/6/2009	Wed 10/7/2009	Thu 10/8/2009	Fri 10/9/2009	Sat 10/10/2009	Week Totals
Gross	271316	270645	177225	286561	339627			

Filtrate	6282	6337	3902	5137	6033			
Net	265034	264308	173322	281424	333594			
Flush	6120	6188	3808	4828	5780			
Total	277436	276833	181033	291389	345407			
GPM WTP	192	192	126	202	240			
IW Totalmeter	5975316	6215888	6341486	6531616	6695422			

	Sun 10/11/2009	Mon 10/12/2009	Tue 10/13/2009	Wed 10/14/2009	Thu 10/15/2009	Fri 10/16/2009	Sat 10/17/2009	Week Totals
Gross	92777	320965	322812	315149	378729	280689	314146	
Filtrate	2001	6344	6484	5973	6423	4963	6175	
Net	90776	314621	316328	309176	372306	275727	307971	
Flush	1904	6052	6188	5712	6120	4624	5644	
Total	94681	327017	329000	320861	384849	285313	319790	
GPM WTP	66	227	228	223	267	198	222	
IW Totalmeter		8873235	9171671	9413099		30536.1	343432	
Daily Total								

	Sun 10/18/2009	Mon 10/19/2009	Tue 10/20/2009	Wed 10/21/2009	Thu 10/22/2009	Fri 10/23/2009	Sat 10/24/2009	Week Totals
Gross	334730	342017	332232	315231	318350	334744	340042	
Filtrate	6730	6568	6450	4828	6524	6551	5315	
Net	328000	335449	325783	310403	311826	328193	334727	
Flush	6324	6188	6120	4420	6256	6256	4828	
Total	341054	348205	338352	319651	324606	341000	344870	
GPM WTP	237	241	234	221	225	236	239	
IW Totalmeter	665199	1018749	1405717	1632273	1984235	2220131	2580811	
Daily Total								

	Sun 10/25/2009	Mon 10/26/2009	Tue 10/27/2009	Wed 10/28/2009	Thu 10/29/2009	Fri 10/30/2009	Sat 10/31/2009	Week Totals
Gross	227113	334453	257545	357310	353895	372314	421458	
Filtrate	4309	6661	4314	5600	5525	5300	6319	
Net	222803	327792	253232	351710	348370	367014	415139	
Flush	3876	6188	3944	5100	5168	4760	5644	
Total	230989	340641	261489	362410	359063	377074	427102	
GPM WTP	160	236	181	251	249	261	296	
IW Totalmeter	2826792	3144026	3396791	3722654	3980948	4223100	4465074	

Day	Date	Raw WTP Influent (gallons)	Sludge Flush (gallons)	Filtration Influent (gallons)	Filtrate Backwash (gallons)	Net to Water Tank (gallons)	Average Daily WTP Effluent ^(a) (gpm)	Weekly Avg. (gpm)
Sun	1-Nov-09	351,026	5,576	345,450	6,002	339,448	236	
Mon	2-Nov-09	402,861	6,120	396,741	6,504	390,237	271	
Tue	3-Nov-09	325,998	4,964	321,034	5,465	315,569	219	
Wed	4-Nov-09	375,001	5,304	369,697	5,852	363,845	253	
Thu	5-Nov-09	349,479	5,848	343,631	6,296	337,335	234	

Appendix D—WTP Process Flow Data

Day	Date	Raw WTP Influent (gallons)	Sludge Flush (gallons)	Filtration Influent (gallons)	Filtrate Backwash (gallons)	Net to Water Tank (gallons)	Average Daily WTP Effluent ^[a] (gpm)	Weekly Avg. (gpm)
Fri	6-Nov-09	324,108	5,168	318,940	5,880	313,060	217	
Sat	7-Nov-09	341,050	5,848	335,202	6,343	328,859	228	237
Sun	8-Nov-09	265,569	5,984	259,585	6,326	253,259	176	
Mon	9-Nov-09	258,162	5,984	252,178	6,313	245,865	171	
Tue	10-Nov-09	292,887	4,964	287,923	5,666	282,257	196	
Wed	11-Nov-09	260,300	5,780	254,520	6,076	248,444	173	
Thu	12-Nov-09	279,176	5,304	273,872	5,746	268,126	186	
Fri	13-Nov-09	399,955	5,712	394,243	6,361	387,882	269	
Sat	14-Nov-09	384,473	5,916	378,557	6,509	372,048	258	204
Sun	15-Nov-09	403,541	5,644	397,897	6,212	391,685	272	
Mon	16-Nov-09	572,009	5,236	566,773	6,167	560,606	389	
Tue	17-Nov-09	572,009	5,712	566,297	6,537	559,760	389	
Wed	18-Nov-09	593,291	6,256	587,035	7,196	579,839	403	
Thu	19-Nov-09	567,104	5,780	561,324	6,631	554,693	385	
Fri	20-Nov-09	579,661	5,644	574,017	6,647	567,370	394	
Sat	21-Nov-09	596,272	5,916	590,356	6,853	583,503	405	377
Sun	22-Nov-09	593,255	5,916	587,339	6,755	580,584	403	
Mon	23-Nov-09	548,026	5,508	542,518	9,771	532,747	370	
Tue	24-Nov-09	608,570	6,120	602,450	27,831	574,619	399	
Wed	25-Nov-09	644,697	5,848	638,849	26,726	612,123	425	
Thu	26-Nov-09	646,899	5,848	641,051	27,026	614,025	426	
Fri	27-Nov-09	671,614	2,584	669,030	28,300	640,730	445	
Sat	28-Nov-09	649,109	0	649,109	26,700	622,409	432	414
Sun	29-Nov-09	654,320	0	654,320	27,195	627,125	436	
Mon	30-Nov-09	479,283	0	479,283	23,591	455,692	316	
Monthly Average							313	

Date:	Raw Water Influent to WTP		Effluent Gallons To The Treated Water Tank and then to INJECTION WELLS	
	TOTAL	GPM	NET	NET GPM
1-Dec-09	642932	446.4806	603688	419
2-Dec-09	630026	437.5181	593661	412
3-Dec-09	638971	443.7299	604861	420
4-Dec-09	632526	439.2542	599212	416
5-Dec-09	665053	461.8424	628640	437
6-Dec-09	630863	438.0993	595162	413
7-Dec-09	669523	464.9465	632570	439
8-Dec-09	633081	439.6396	597849	415
9-Dec-09	654055	454.2049	617910	429
10-Dec-09	660951	458.9938	624445	434
11-Dec-09	681107	472.991	645369	448
12-Dec-09	698810	485.2847	666079	463
13-Dec-09	695294	482.8431	666412	463
14-Dec-09	686348	476.6306	666022	463
15-Dec-09	700246	486.2819	675200	469
16-Dec-09	644830	447.7986	616326	428
17-Dec-09	612822	425.5708	582132	404
18-Dec-09	636683	442.141	604642	420
19-Dec-09	641350	445.3819	608480	423
20-Dec-09	649921	451.334	616346	428
21-Dec-09	657343	456.4882	623971	433
22-Dec-09	665230	461.9653	631944	439
23-Dec-09	673237	467.5257	640347	445
24-Dec-09	678272	471.0222	644644	448
25-Dec-09	637584	442.7667	603348	419
26-Dec-09	561260	389.7639	528116	367
27-Dec-09	567828	394.325	534792	371
28-Dec-09	571297	396.734	537975	374
29-Dec-09	515953	358.3007	481797	335
30-Dec-09	564353	391.9118	530767	369
31-Dec-09	629441	437.1118	596135	414
Month Running Total/Avg	19,827,190	444	18,798,842	421
	From TSF		Injected	