

**Cleanwater WWTP  
Plant Influent Data**

DATE	FLOW (mgd)	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	NH3-N (mg/L)	O-PO4 (mg/L)	T-PO4 (mg/L)
1/1/1992	4.76	215	520	226	20.7		
1/2/1992	5.31	320	585	402	27.9		
1/3/1992	5.14	320	565	210	17.5		
1/4/1992	4.97	220	415	125	17.6		
1/5/1992	4.86	180	320	104	13.3		
1/6/1992	5.90	395	730	254	24.0		
1/7/1992	6.01	550	965	277	25.2		
1/8/1992	5.87	670	1095	311	24.9		
1/9/1992	5.83	435	830	222	22.9		
1/10/1992	5.86	420	850	234	21.5		
1/11/1992	5.76	480	1085	269	22.7		
1/12/1992	5.28	185	405	140	24.0		
1/13/1992	6.39	470	920	318	22.1		
1/14/1992	6.16	585	1140	425	27.0		
1/15/1992	6.24	590	1300	385	45.4		
1/16/1992	6.31	620	1155	334	27.8		
1/17/1992	6.05	585	1000	309	25.2		
1/18/1992	5.95	470	820	329	22.5		
1/19/1992	5.17						
1/20/1992	6.59	550	975	921	19.7		
1/21/1992	6.61	725	1285	440	43.6		
1/22/1992	6.34	775	1195	316	37.1		
1/23/1992	6.18	525	1100	348	23.6		
1/24/1992	6.15	500	960	323	30.9		
1/25/1992	5.73	490	915	585	29.1		
1/26/1992	5.15	225	460	173	15.5		
1/27/1992	6.35	520	1050	406	33.4		
1/28/1992	5.96	645	1160	364	30.9		
1/29/1992	5.86	580	1180	392	37.3		
1/30/1992	5.90	590	1090	410	25.2		
1/31/1992	5.63	655	980	349	28.5		
2/1/1992	5.63	390	735	215	22.7		
2/2/1992	4.92	225	535	263	26.1		
2/3/1992	6.14	710	1075	544	25.0		
2/4/1992	6.09	1005	1175	393	28.3		
2/5/1992	5.97	625	1175	424	44.0		
2/6/1992	5.85	615	1210	509	30.0		

2/7/1992	5.54	590	960	266	28.0
2/8/1992	5.47	400	740	216	21.6
2/9/1992	4.85	195	410	127	14.7
2/10/1992	6.13	605	1100	481	28.4
2/11/1992	5.89	725	1215	413	30.0
2/12/1992	5.79	790	1305	442	30.7
2/13/1992	5.25	465	960	382	30.3
2/14/1992	5.35	665	1070	366	34.0
2/15/1992	5.71	570	895	250	34.2
2/16/1992	4.93		575		
2/17/1992	5.60	345	715	232	20.3
2/18/1992	5.84	640	1135	431	24.3
2/19/1992	5.99	700	1430	792	37.0
2/20/1992	5.57	690	1115	392	28.3
2/21/1992	5.58	490	830	261	29.5
2/22/1992	5.27	445	730	195	24.2
2/23/1992	5.50	390	645	191	31.8
2/24/1992	5.65	780	1205	454	35.2
2/25/1992	5.62	860	1395	483	34.0
2/26/1992	5.48	695	1200	467	35.0
2/27/1992	5.41	545	900	274	28.5
2/28/1992	5.12	470	795	244	24.5
2/29/1992	5.20	375	740	195	27.3
3/1/1992	4.91	280	555	173	29.1
3/2/1992	5.77	570	1100	496	32.5
3/3/1992	5.60	655	1140	418	29.0
3/4/1992	5.52	740	1235	429	27.5
3/5/1992	5.39	690	1610	634	28.7
3/6/1992	5.25	600	1075	252	23.7
3/7/1992	5.25	370	660	193	22.8
3/8/1992	4.89	330	590	168	22.4
3/9/1992	5.06	410	890	412	38.5
3/10/1992	4.95	535	960	289	22.6
3/11/1992	4.78	545	995	348	26.4
3/12/1992	4.57	525	825	259	18.3
3/13/1992	4.72	545	915	332	20.1
3/14/1992	4.20	210	460	193	22.7
3/15/1992	4.48	210	480	189	24.0
3/16/1992	5.41	485	1080	485	31.1
3/17/1992	5.36	780	1375	479	30.4
3/18/1992	5.07	630	1180	416	29.0
3/19/1992	4.86	570	940	290	25.5
3/20/1992	4.72	475	1005	289	32.0
3/21/1992	4.76	375	680	146	24.1

3/22/1992	4.26	265	525	134	20.5
3/23/1992	5.00	550	1165	450	34.1
3/24/1992	4.95	695	1235	419	33.6
3/25/1992	4.63	515	970	352	29.2
3/26/1992	4.67	445	805	274	22.7
3/27/1992	4.93	600	1040	379	38.9
3/28/1992	4.63	410	765	243	28.8
3/29/1992	4.36	270	560	212	20.6
3/30/1992	5.42	665	1185	500	37.8
3/31/1992	5.57	780	1280	446	38.5
4/1/1992	5.35	745	1220	391	33.5
4/2/1992	5.19	550	900	332	29.2
4/3/1992	5.11	660	1160	356	32.8
4/4/1992	5.10	400	715	169	25.0
4/5/1992	5.00	270	635	197	23.0
4/6/1992	5.84	555	1095	453	30.3
4/7/1992	5.63	625	1190	423	28.4
4/8/1992	5.31	660	1145	421	25.5
4/9/1992	5.23	710	1255	414	24.1
4/10/1992	5.11	685	1120	372	27.1
4/11/1992	4.87	445	785	228	27.1
4/12/1992	4.65	345	580	154	24.5
4/13/1992	5.67	560	1040	450	35.5
4/14/1992	5.49	620	1175	423	30.7
4/15/1992	5.22	610	1035	358	29.0
4/16/1992	5.31	530	875	310	29.0
4/17/1992	5.00	495	755	256	24.2
4/18/1992	5.07	350	645	167	24.3
4/19/1992	4.70	250	620	197	26.6
4/20/1992	5.88	810	1470	533	38.8
4/21/1992	5.55	715	1275	505	27.3
4/22/1992	6.24	720	1160	409	24.6
4/23/1992	5.74	840	1460	529	30.3
4/24/1992	5.27	720	1150	640	23.0
4/25/1992	5.03	400	845	285	29.2
4/26/1992	4.98	325	680	207	16.8
4/27/1992	5.75	570	1160	396	27.2
4/28/1992	5.73	785	1240	416	30.2
4/29/1992	5.55	720	1230	413	27.8
4/30/1992	5.29	550	930	350	20.8
5/1/1992	5.93	820	1180	543	28.4
5/2/1992	5.32	540	935	314	23.3
5/3/1992	5.34	475	940	266	27.9
5/4/1992	5.87	660	1220	475	35.6

5/5/1992	5.64	720	1200	533	30.8
5/6/1992	5.65	1810	3560	6901	34.5
5/7/1992	5.52	1220	2770	1332	27.7
5/8/1992	6.04	640	1110	648	33.1
5/9/1992	5.70	695	1035	296	36.5
5/10/1992	5.39	595	1015	453	34.6
5/11/1992	6.26	620	1285	418	31.2
5/12/1992	5.98	530	1290	550	37.6
5/13/1992	5.59	580	1080	315	23.0
5/14/1992	5.83	650	1200	223	28.3
5/15/1992	5.89	630	1105	248	31.4
5/16/1992	6.02	580	935	182	29.1
5/17/1992	5.35	380	710	173	21.4
5/18/1992	5.95	470	935	309	20.9
5/19/1992	6.04	620	1230	482	40.1
5/20/1992	5.93	540	940	441	22.9
5/21/1992	6.02	680	1085	322	31.1
5/22/1992	5.84	795	1215	450	31.0
5/23/1992	5.42	535	840	179	29.6
5/24/1992	5.02		750		
5/25/1992	5.29	290	590	278	18.9
5/26/1992	6.35	345	850	399	26.3
5/27/1992	6.00	400	815	337	19.8
5/28/1992	6.30	480	830	296	21.7
5/29/1992	6.18	650	1110	319	26.9
5/30/1992	6.29	525	955	345	31.6
5/31/1992	5.83	340	650	158	26.5
6/1/1992	6.17	510	1120	652	22.6
6/2/1992	6.70	555	1090	549	24.9
6/3/1992	6.39	565	1010	709	24.6
6/4/1992	6.37	490	815	440	18.4
6/5/1992	6.39	905	2170	1223	26.3
6/6/1992	6.37	520	830	203	28.7
6/7/1992	6.00	395	635	180	24.3
6/8/1992	6.55	450	930	352	25.4
6/9/1992	6.63	530	1080	704	22.6
6/10/1992	6.40	435	820	444	18.8
6/11/1992	6.73	455	1065	476	29.7
6/12/1992	7.21	560	970	302	25.5
6/13/1992	6.67	550	990	266	26.9
6/14/1992	6.47	350	705	252	24.0
6/15/1992	6.88	455	905	361	19.1
6/16/1992	6.85	380	755	321	23.4
6/17/1992	6.05	455	950	413	20.8

6/18/1992	6.31	465	870	362	19.8
6/19/1992	6.07	380	585	155	20.8
6/20/1992	6.09	385	785	255	22.5
6/21/1992	5.87	390	680	150	24.6
6/22/1992	6.29	355	695	297	28.1
6/23/1992	6.19	420	855	339	25.1
6/24/1992	6.18	415	785	227	28.6
6/25/1992	6.35	430	965	276	23.5
6/26/1992	6.23	445	655	169	22.4
6/27/1992	6.36	560	795	186	27.8
6/28/1992	6.45	375	670	152	23.1
6/29/1992	6.23	235	580	248	24.0
6/30/1992	6.34	260	500	322	11.3
7/1/1992	6.32	270	610	270	16.2
7/2/1992	5.91	265	595	303	20.9
7/3/1992	5.39		500		
7/4/1992	5.06	150	345	153	13.9
7/5/1992	5.28	140	325	403	10.4
7/6/1992	5.92	230	685	350	17.4
7/7/1992	5.85	220	840	290	15.7
7/8/1992	5.91	255	595	332	19.2
7/9/1992	5.97	220	670	300	18.7
7/10/1992	5.78	260	450	152	10.9
7/11/1992	5.62	160	385	351	11.2
7/12/1992	5.50	135	345	185	17.3
7/13/1992	5.80	160	395	152	9.9
7/14/1992	5.85	235	465	179	11.6
7/15/1992	5.70	170	335	133	9.8
7/16/1992	5.73	230	350	128	10.8
7/17/1992	5.70	205	345	170	10.5
7/18/1992	5.60	180	380	156	12.4
7/19/1992	5.76	145	410	210	17.1
7/20/1992	6.24	220	445	204	11.4
7/21/1992	6.60	365	760	417	15.5
7/22/1992	6.34	225	565	237	15.6
7/23/1992	6.31	255	520	198	11.9
7/24/1992	6.04	235	575	271	15.7
7/25/1992	5.79	155	415	144	13.0
7/26/1992	5.31	165	320	149	11.0
7/27/1992	6.45	260	705	341	20.2
7/28/1992	6.56	360	755	324	18.2
7/29/1992	6.56	290	625	221	13.5
7/30/1992	6.68	270	680	293	14.7
7/31/1992	5.99	300	575	204	13.7

8/1/1992	6.38	255	520	231	9.6
8/2/1992	6.27	240	630	346	19.9
8/3/1992	6.93	420	820	532	13.6
8/4/1992	6.67	475	990	296	17.6
8/5/1992	6.69	285	750	290	20.4
8/6/1992	6.63	350	715	175	19.7
8/7/1992	5.88	275	500	209	13.4
8/8/1992	6.75	275	675	332	19.0
8/9/1992	5.94	165	415	179	11.3
8/10/1992	6.45	290	565	224	12.8
8/11/1992	6.10	290	635	299	15.8
8/12/1992	6.14	280	685	282	17.9
8/13/1992	6.55	435	980	422	15.8
8/14/1992	6.21	325	560	179	12.9
8/15/1992	5.80	280	530	178	16.8
8/16/1992	5.41	140	380	170	12.7
8/17/1992	5.89	340	765	254	13.6
8/18/1992	6.37	355	785	525	25.3
8/19/1992	6.09	380	880	353	18.5
8/20/1992	6.15	310	700	385	16.4
8/21/1992	6.13	320	705	263	15.3
8/22/1992	5.90	270	615	254	18.0
8/23/1992	5.34	180	475	203	20.5
8/24/1992	6.29	260	590	182	19.7
8/25/1992	6.28	370	930	326	15.5
8/26/1992	6.35	550	1090	389	17.2
8/27/1992	6.11	545	985	385	16.5
8/28/1992	5.84	405	765	252	20.4
8/29/1992	6.03	405	890	357	21.1
8/30/1992	5.24	195	480	195	13.7
8/31/1992	5.78	650	1070	452	21.3
9/1/1992	6.01	660	1370	538	16.7
9/2/1992	6.04	640	885	429	19.7
9/3/1992	6.39	545	985	337	20.9
9/4/1992	6.34	520	935	359	17.2
9/5/1992	5.43	435	855	396	15.7
9/6/1992	4.96	220	475		
9/7/1992	4.92	185	390	165	12.6
9/8/1992	5.35	300	640	268	20.8
9/9/1992	5.42	310	720	283	19.6
9/10/1992	5.33	385	795	255	16.0
9/11/1992	5.19	430	720	236	19.9
9/12/1992	5.13	335	625	263	16.3
9/13/1992	5.34	360	635	152	14.3

9/14/1992	5.74	325	735	297	15.2
9/15/1992	5.99	465	955	374	26.1
9/16/1992	5.96	535	1090	434	25.6
9/17/1992	6.03	605	990	403	18.6
9/18/1992	5.93	635	1070	412	20.7
9/19/1992	5.58	435	870	475	22.8
9/20/1992	4.82	200	470	218	16.1
9/21/1992	5.90	520	1140	569	25.2
9/22/1992	6.04	620	1190	507	19.3
9/23/1992	6.19	500	960	451	22.1
9/24/1992	5.88	505	985	347	17.1
9/25/1992	5.77	570	1050	523	23.2
9/26/1992	5.21	310	635	373	14.5
9/27/1992	4.96	195	520	247	18.9
9/28/1992	5.67	450	975	527	22.7
9/29/1992	5.89	785	1440	549	30.2
9/30/1992	5.65	585	1125	770	26.9
10/1/1992	5.56	550	1015	374	22.6
10/2/1992	6.02	580	990	436	18.6
10/3/1992	5.33	390	880	495	21.5
10/4/1992	4.92	240	780	398	20.8
10/5/1992	5.70	430	860	322	24.7
10/6/1992	5.99	575	1070	357	19.9
10/7/1992	5.81	515	1010	384	26.8
10/8/1992	5.57	500	870	342	18.5
10/9/1992	5.11	435	770	276	19.3
###	5.18				
###	4.58	185	480	177	13.5
###	5.52	460	1055	471	30.5
###	5.90	630	1385	557	27.4
###	5.90	475	1300	523	22.7
###	5.87	675	1185	368	22.2
###	5.36	625	990	342	28.3
###	4.93	500	905	244	21.3
###	4.69	225	575	170	27.5
###	5.32	450	835	296	30.1
###	5.76	715	1205	320	28.8
###	5.49	740	1205	302	27.3
###	5.18	750	1105	387	22.3
###	5.50	720	1200	643	22.5
###	5.30	570	1040	367	27.3
###	4.73	280	635	203	14.8
###	5.33	555	1100	505	29.5
###	5.90	640	1230	462	35.1

###	5.57	570	1160	410	23.9
###	5.60	555	1010	360	22.7
###	5.55	605	1095	419	29.2
###	5.20	420	765	283	22.2
11/1/1992	4.76	230	470	194	15.9
11/2/1992	5.86	590	1185	461	23.0
11/3/1992	6.18	770	1490	526	34.6
11/4/1992	6.05	650	1380	620	29.1
11/5/1992	5.76	525	985	396	28.9
11/6/1992	5.90	590	1095	434	26.4
11/7/1992	5.52	450	840	334	23.0
11/8/1992	5.31	245	555	196	23.9
11/9/1992	6.26	505	1180	506	21.7
###	6.25	850	1450	547	27.9
###	6.01	750	1475	522	27.9
###	5.69	600	1075	395	26.3
###	5.76	600	1005	284	34.0
###	5.37	450	805	295	27.0
###	4.80	195	635	400	21.4
###	5.36	445	1400	682	20.6
###	5.71	570	1045	311	29.3
###	5.77	620	1165	432	30.2
###	5.97	695	1165	382	29.2
###	5.51	465	875	368	23.6
###	5.87	335	740	352	21.5
###	5.00	260	540	227	23.9
###	5.66	430	855	293	22.9
###	6.14	720	1275	395	25.5
###	5.45		1005	344	
###	4.79	400	730	298	20.2
###	4.88	280	520	202	26.1
###	4.11	325	695	281	22.1
###	5.28	345	680	411	15.8
###	5.75	360	785	317	29.6
12/1/1992	5.92	520	865	389	28.0
12/2/1992	5.98	520	900	357	25.5
12/3/1992	5.70	495	965	333	23.1
12/4/1992	5.57	600	1175	339	26.1
12/5/1992	5.55	510	1010	317	19.7
12/6/1992	4.80	235	620	214	22.4
12/7/1992	5.92	440	925	358	25.4
12/8/1992	6.21	500	1075	394	22.7
12/9/1992	5.60	435	820	285	19.4
###	5.90	435	970	421	19.7



###	6.04	390	880	359	25.7
###	5.43	275	660	253	21.3
###	5.05	230	730	455	29.5
###	5.84	380	840	309	22.2
###	5.78	660	1165	395	42.2
###	5.85	675	1295	429	27.1
###	5.87	625	1130	415	30.5
###	5.45	660	1225	518	26.7
###	5.30	435	795	176	22.0
###	4.99	275	640	283	31.4
###	4.95	295	695	346	24.7
###	4.55	285	565	170	22.4
###	4.72	345	745	366	25.2
###	4.76		920	495	
###	4.33	250	590	578	18.2
###	5.07	210	515	197	28.0
###	4.88	295	935	608	27.9
###	4.95	300	640	247	15.9
###	5.06	330	630	240	16.7
###	5.00	370	720	269	28.5
###	4.88		890	286	

### Cleanwater WWTP Plant Influent Data

DATE	FLOW (mgd)	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	NH3-N (mg/L)	O-PO4 (mg/L)	T-PO4 (mg/L)
1/1/1993	4.43	245	460	221	25.0		
1/2/1993	4.90	280	530	177	18.5		
1/3/1993	5.06	280	715	353	14.7		
1/4/1993	5.55	665	1880	447	26.6		
1/5/1993	6.04	680	1085	349	35.3		
1/6/1993	6.38	645	1325	369	34.8		
1/7/1993	6.52	625	1105	373	36.5		
1/8/1993	6.36	630	1185	441	38.6		
1/9/1993	6.53	540	960	255	30.3		
1/10/1993	6.23	430	1045	247	37.1		
1/11/1993	6.27	565	1130	390	28.4		
1/12/1993	6.40	620	1210	419	35.1		
1/13/1993	6.24	585	1055	275	32.9		
1/14/1993	6.27	635	1095	353	30.9		
1/15/1993	6.48	605	1005	289	36.0		
1/16/1993	6.65		970				
1/17/1993	6.05	370	750	235	35.0		
1/18/1993	6.40	475	1025	710	42.4		
1/19/1993	6.27	635	1105	492	35.3		
1/20/1993	6.35	395	945	265	43.4		
1/21/1993	5.95	345	795	242	35.6		
1/22/1993	5.92	450	990	330	38.4		
1/23/1993	6.19	455	960	311	39.3		
1/24/1993	5.62	250	720	298	39.3		
1/25/1993	5.41	315	695	288	33.3		
1/26/1993	5.72	400	850	291	38.1		
1/27/1993	6.02	575	1130	356	51.4		
1/28/1993	5.79	510	985	257	43.9		
1/29/1993	5.40	470	865	269	38.1		
1/30/1993	5.22	350	825	264	38.7		
1/31/1993	5.29	350	760	257	30.7		
2/1/1993	5.45	500	985	398	24.5		
2/2/1993	5.25	505	920	289	28.4		
2/3/1993	5.20	510	965	272	27.7		
2/4/1993	5.10	670	1250	372	28.7		
2/5/1993	5.11	680	1210	316	32.1		
2/6/1993	5.04	650	1520	673	30.4		

2/7/1993	4.42	390	920	292	21.9
2/8/1993	4.59				
2/9/1993	4.68	575	1140	363	26.7
2/10/1993	4.65	595	1050	487	22.6
2/11/1993	4.91	575	1010	304	16.5
2/12/1993	5.30	705	1185	354	35.5
2/13/1993	4.80		1105	289	
2/14/1993	4.68	570	1200	299	21.0
2/15/1993	5.87	695	1260	351	31.8
2/16/1993	5.13	680	1555	732	24.3
2/17/1993	5.00	550	1010	335	20.8
2/18/1993	5.28	600	1090	485	30.1
2/19/1993	5.12	490	920	235	23.4
2/20/1993	4.34	485	905	187	26.2
2/21/1993	6.06	550	1025	282	28.0
2/22/1993	5.58	780	1320	472	31.3
2/23/1993	5.16	725	1250	376	26.0
2/24/1993	5.40	600	1060	254	34.9
2/25/1993	5.19	515	1085	374	20.5
2/26/1993	5.83	455	960	341	19.0
2/27/1993	4.67	440	935	242	22.9
2/28/1993	4.37	350	760	189	24.2
3/1/1993	4.65	450	870	404	25.1
3/2/1993	4.57	605	1000	433	20.9
3/3/1993	4.82	630	1080	320	36.1
3/4/1993	4.55	530	995	341	22.7
3/5/1993	5.58	685	1265	393	24.2
3/6/1993	6.02	545	1020	277	32.5
3/7/1993	5.33	265	575	180	19.1
3/8/1993	5.77	410	785	276	25.2
3/9/1993	5.57	495	945	274	28.3
3/10/1993	6.00	455	895	247	23.5
3/11/1993	6.02	470	940	298	19.8
3/12/1993	5.59	520	925	277	19.8
3/13/1993	6.16	455	1045	321	22.8
3/14/1993	6.25	590	1105	429	44.6
3/15/1993	6.18	490	920	324	25.8
3/16/1993	6.23	475	905	367	18.3
3/17/1993	6.98	575	1255	489	35.8
3/18/1993	6.58	640	1490	384	32.2
3/19/1993	5.56	420	1145	580	48.9
3/20/1993	5.89	420	915	344	22.9
3/21/1993	5.69	395	825	311	25.7
3/22/1993	5.79	370	750	304	16.5

3/23/1993	5.89	430	875	280	20.9
3/24/1993	6.34	430	865	314	22.3
3/25/1993	6.69	510	1005	361	34.8
3/26/1993	6.42	635	985	318	28.5
3/27/1993	6.32	445	1005	379	21.7
3/28/1993	5.94	330	785	376	23.1
3/29/1993	6.30	385	815	322	19.2
3/30/1993	6.16	520	1020	411	34.1
3/31/1993	5.98	550	1320	490	24.9
4/1/1993	6.76	710	1205	393	30.9
4/2/1993	6.20	700	1185	305	26.1
4/3/1993	6.27	580	1010	295	25.9
4/4/1993	6.46	380	700	206	17.9
4/5/1993	6.05	425	1110	522	26.4
4/6/1993	6.10	430	970	384	35.3
4/7/1993	5.67	415	785	257	18.2
4/8/1993	5.86	430	895	315	20.4
4/9/1993	5.82	555	1005	293	25.5
4/10/1993	5.67	475	915	229	23.9
4/11/1993	5.41	460	830	194	22.4
4/12/1993	5.72	430	960	354	20.6
4/13/1993	5.49	580	1340	595	21.9
4/14/1993	5.68	590	970	408	24.0
4/15/1993	6.12	590	1105	336	25.8
4/16/1993	5.84	570	1015	321	25.5
4/17/1993	6.02	415	910	338	23.2
4/18/1993	5.79	300	795	326	28.1
4/19/1993	5.98	365	625	306	22.6
4/20/1993	5.66	330	600	242	27.3
4/21/1993	5.70	385	740	277	25.1
4/22/1993	6.21	455	885	238	35.0
4/23/1993	6.05	520	1120	686	23.0
4/24/1993	5.98	370	960	430	22.2
4/25/1993	6.03	340	900	263	27.7
4/26/1993	6.07	490	1060	431	18.4
4/27/1993	6.64	655	1305	534	29.2
4/28/1993	6.03	545	1175	412	29.7
4/29/1993	6.94	880	1530	628	25.4
4/30/1993	6.13	705	1175	464	28.0
5/1/1993	5.81	580	1085	300	37.7
5/2/1993	5.55	410	750	281	24.0
5/3/1993	6.30	555	1095	512	32.1
5/4/1993	5.95	610	1250	524	28.4
5/5/1993	6.07	650	1165	328	33.4

5/6/1993	6.22	345	1030	236	33.8
5/7/1993	6.16	710	1160	287	39.7
5/8/1993	6.05	485	925	238	37.3
5/9/1993	5.98	490	875	197	33.6
5/10/1993	5.99	465	1105	514	33.8
5/11/1993	6.04	500	1055	437	22.2
5/12/1993	6.07	220	1170	411	27.4
5/13/1993	6.15	480	965	417	31.1
5/14/1993	5.97	520	937	326	22.8
5/15/1993	5.76	510	795	203	30.4
5/16/1993	5.86	355	690	272	26.4
5/17/1993	5.92	500	885	304	20.4
5/18/1993	6.07	540	910	302	26.8
5/19/1993	5.92	490	880	292	20.9
5/20/1993	6.32	520	935	300	31.4
5/21/1993	6.38	665	1090	291	31.5
5/22/1993	5.94	450	800	179	22.7
5/23/1993	5.97	375	695	190	31.3
5/24/1993	6.27	380	765	228	20.6
5/25/1993	6.32	540	1030	402	26.9
5/26/1993	6.37	615	1010	270	39.1
5/27/1993	6.48	685	1060	344	32.9
5/28/1993	6.53	490	1105	501	25.1
5/29/1993	6.05			289	
5/30/1993	5.84	445	795	361	29.4
5/31/1993	6.66	320	735	436	16.3
6/1/1993	6.51	395	830	404	24.5
6/2/1993	6.45	390	960	427	21.3
6/3/1993	6.62	410	935	425	32.3
6/4/1993	6.54	440	885	399	23.2
6/5/1993	6.98	370	795	383	26.2
6/6/1993	7.12	295	655	358	25.6
6/7/1993	6.46	305	635	298	21.3
6/8/1993	6.73	425	1010	428	27.8
6/9/1993	6.33	480	885	437	26.9
6/10/1993	6.59	470	955	438	27.2
6/11/1993	6.55	415	830	336	24.3
6/12/1993	6.58	345	780	271	26.9
6/13/1993	6.05	250	625	286	21.1
6/14/1993	6.29	305	615	240	19.3
6/15/1993	6.60	290	635	311	18.1
6/16/1993	6.66	325	755	300	23.8
6/17/1993	6.44	373	755	375	22.4
6/18/1993	6.33	405	905	406	16.9

6/19/1993	6.26	325	620	256	22.0	
6/20/1993	6.06	310	670	270	21.8	
6/21/1993	6.64	385	1130	594	22.4	
6/22/1993	6.56	330	870	488	22.6	
6/23/1993	6.13	200	480	202	11.2	
6/24/1993	6.16	250	565	269	16.5	
6/25/1993	6.05	240	640	396	15.3	
6/26/1993	5.72	145	340	117	11.2	
6/27/1993	5.92	115	285	118	10.8	
6/28/1993	6.46	180	435	179	20.9	
6/29/1993	6.27	260	580	331	16.8	
6/30/1993	6.12	145	425	190	9.7	
7/1/1993	6.30	230	565	375	13.0	
7/2/1993	6.32	260	515	191	15.4	
7/3/1993	5.83	185	375	127	11.8	
7/4/1993	5.75	97	230	83	11.0	
7/5/1993	5.92	100	265	114	7.4	
7/6/1993	6.59	340	780	358	21.3	
7/7/1993	6.34	155	415	239	14.3	
7/8/1993	6.40	265	595	259	12.6	
7/9/1993	6.46	215	465	214	9.8	
7/10/1993	6.23	165	385	156	9.5	
7/11/1993	6.03	115	290	131	10.1	
7/12/1993	6.71	210	645	250	14.7	
7/13/1993	6.40	200	455	182	13.4	
7/14/1993	6.28	160	355	125	8.8	7.30
7/15/1993	6.42	175	405	150	9.6	
7/16/1993	6.49	140	370	134	12.4	
7/17/1993	6.75	130	335	161	12.8	
7/18/1993	6.51	120	305	152	8.2	
7/19/1993	6.68	250	695	337	11.6	
7/20/1993	6.82	375	845	272	12.7	
7/21/1993	6.66	290	695	287	19.3	
7/22/1993	6.79	250	580	232	18.6	
7/23/1993	6.84	355	700	219	11.2	
7/24/1993	6.84	315	635	256	14.5	
7/25/1993	6.55	210	580	310	17.9	
7/26/1993	6.81	220	510	186	11.4	
7/27/1993	6.66	295	715	230	17.2	
7/28/1993	6.88	390	890	378	20.1	12.40
7/29/1993	6.91	400	800	271	15.3	
7/30/1993	7.01	395	1385	625	20.9	
7/31/1993	7.05	205	545	215	20.1	
8/1/1993	6.60	145	445	185	10.4	

8/2/1993	7.09	315	1075	540	16.7	
8/3/1993	7.33	345	675	300	12.8	
8/4/1993	6.86	295	535	205	12.6	
8/5/1993	7.16	290	685	246	15.7	
8/6/1993	7.32	445	820	305	16.9	
8/7/1993	7.25	325	735	230	20.3	
8/8/1993	6.76	220	545	216	21.2	
8/9/1993	6.92	240	800	657	11.0	
8/10/1993	7.68	370	820	260	12.5	
8/11/1993	7.54	360	685	211	23.4	
8/12/1993	7.66	350	640	222	17.0	
8/13/1993	7.56	360	650	238	16.3	
8/14/1993	7.39	355	715	256	20.0	
8/15/1993	7.62	285	660	207	10.6	
8/16/1993	7.79	245	670	173	18.2	
8/17/1993	7.76	320	795	328	13.4	
8/18/1993	7.78	370	825	373	20.2	
8/19/1993	7.56	315	600	261	11.7	
8/20/1993	7.73	410	875	382	13.8	
8/21/1993	7.63	365	670	224	22.3	
8/22/1993	6.93	230	480	197	11.6	
8/23/1993	7.54	400	1000	550	21.4	
8/24/1993	7.73	335	650	263	16.7	
8/25/1993	7.61	340	595	239	14.5	12.30
8/26/1993	7.58	405	615	205	20.7	
8/27/1993	7.39	375	640	217	19.2	
8/28/1993	7.19	245	600	284	14.0	
8/29/1993	7.40	230	530	204	20.4	
8/30/1993	7.63	360	860	285	14.2	
8/31/1993	7.90	425	855	338	19.7	
9/1/1993	7.21	465	775	329	23.8	
9/2/1993	7.40	735	1260	624	21.5	
9/3/1993	7.15	410	885	296	17.3	
9/4/1993	6.94	295	555	338	19.0	
9/5/1993	6.63			122		
9/6/1993	6.98	165	380	281	9.8	
9/7/1993	7.48	375	740	546	16.9	
9/8/1993	7.37	350	600	287	17.1	
9/9/1993	7.25	400	690	260	13.3	
9/10/1993	7.32	425	840	364	19.8	
9/11/1993	7.44	395	760	308	17.9	
9/12/1993	7.01	275	575	285	12.0	
9/13/1993	7.49	310	780	341	17.5	
9/14/1993	7.56	475	750	327	22.3	

9/15/1993	7.54	470	805	323	20.9	
9/16/1993	7.69	500	800	270	17.8	7.60
9/17/1993	7.34	475	780	277	21.0	
9/18/1993	7.31	365	780	314	20.0	
9/19/1993	6.93	260	515	185	15.7	
9/20/1993	7.72	380	860	361	20.7	
9/21/1993	7.80	440	880	392	21.4	
9/22/1993	7.54	445	710	205	21.6	
9/23/1993	7.79	555	945	313	30.4	
9/24/1993	7.24	540	960	310	20.3	
9/25/1993	7.14	370	710	261	14.5	
9/26/1993	6.86	265	595	199	12.8	
9/27/1993	7.29	420	925	383	18.5	
9/28/1993	7.08	435	775	346	14.4	
9/29/1993	6.78	435	910	384	19.6	
9/30/1993	6.99	460	880	430	13.5	
10/1/1993	7.00	355	650	260	23.7	
10/2/1993	6.98	455	770	357	17.5	
10/3/1993	6.94	310	905	755	27.8	
10/4/1993	7.21	350	740	419	16.7	
10/5/1993	7.27	525	1000	385	18.6	
10/6/1993	7.09	465	785	248	21.5	9.30
10/7/1993	7.31	405	725	268	24.0	
10/8/1993	7.63	470	910	304	22.2	
10/9/1993	7.61	425	820	323	23.7	
###	7.29	310	680	310	23.5	
###	7.41	430	1145	574	18.8	
###	9.08	510	850	368	17.1	
###	7.88	475	965	357	32.5	
###	7.35	630	1040	363	21.4	
###	7.22	440	900	321	19.5	
###	7.15	400	780	232	20.6	
###	6.85	500	1090	618	24.3	
###	7.41	405	900	388	24.7	
###	7.17	615	1295	488	24.3	
###	6.74	545	930	370	27.5	
###	6.76	630	1045	336	26.4	
###	6.53	565	1030	368	23.5	
###	6.44	560	990	355	23.3	
###	6.21	270	705	244	30.9	
###	6.13	350	805	308	16.0	
###	6.40	460	885	454	21.0	
###	6.06	365	775	381	19.9	
###	6.42	400	1080	597	20.7	



###	6.18	355	905	752	25.8	
###	6.07	270	855	508	18.3	
###	6.10	275	625	329	18.2	
11/1/1993	6.45	335	695	335	19.4	
11/2/1993	6.15	510	795	328	15.6	
11/3/1993	6.08	425	775	352	21.6	
11/4/1993	6.35	440	885	427	28.0	19.00
11/5/1993	6.31	385	785	338	24.7	
11/6/1993	6.21	330	660	272	23.4	
11/7/1993	6.13	300	690	263	20.4	
11/8/1993	6.41	460	1205	598	26.1	
11/9/1993	6.11	550	980	440	26.2	
###	6.23		1140	412		
###	6.34	480	1215	324	24.3	
###	6.16	410	840	292	28.1	
###	6.10	325	685	231	23.5	
###	5.92	330	670	211	19.2	
###	5.99	415	895	422	26.2	
###	6.20	425	895	287	32.2	
###	6.28	570	1230	443	31.7	
###	6.41	510	990	295	25.9	19.00
###	6.37	570	1140	358	33.3	
###	6.33	435	940	362	23.7	
###	6.12	330	725	253	17.4	
###	6.36	465	1180	416	31.3	
###	6.20	520	1130	418	33.0	
###	6.30		1030	452		
###	5.23	345	645	187	26.2	
###	5.04	310	730	284	33.6	
###	5.60	335	715	258	24.9	
###	5.59	300	670	335	18.5	
###	5.76	400	755	294	17.5	
###	5.91	420	850	298	23.1	
12/1/1993	6.28	440	990	459	25.9	
12/2/1993	5.90	395	875	383	28.6	
12/3/1993	6.18	495	1070	516	43.1	
12/4/1993	6.19	470	850	222	27.8	
12/5/1993	6.06	375	880	227	25.0	
12/6/1993	5.99	375	790	290	22.3	
12/7/1993	6.37	520	1010	375	32.4	20.00
12/8/1993	6.20	700	1235	430	35.4	
12/9/1993	6.14	680	1330	506	32.9	
###	6.30	620	1105	437	32.4	
###	6.37	465	955	332	25.5	

###	6.23	385	780	301	27.2	
###	6.84	470	1295	530	32.1	
###	6.11	580	1205	459	34.1	
###	6.33	600	1230	584	31.3	
###	6.08	655	1065	352	31.1	15.00
###	5.91	660	1120	386	39.1	
###	5.96	520	955	336	28.6	
###	5.89	515	985	309	28.6	
###	6.12	570	1390	557	35.6	
###	5.91	610	1015	341	31.4	
###	7.04	585	1225	409	29.3	
###	6.93	445	870	327	27.4	
###	6.66		635	262		
###	6.01	205	425	152	17.6	
###	6.32	185	480	152	18.4	
###	6.97	330	765	310	15.6	
###	7.01	510	1195	710	23.4	8.00
###	5.75	260	585	230	21.0	
###	5.44	400	730	297	27.8	
###	5.18		690	303		

### Cleanwater WWTP Plant Influent Data

DATE	FLOW (mgd)	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	NH3-N (mg/L)	O-PO4 (mg/L)	T-PO4 (mg/L)
1/1/1994	4.92	275	590	198	27.1		
1/2/1994	5.33	185	615	290	23.6		
1/3/1994	5.17	390	795	330	27.8		
1/4/1994	5.88	560	1020	346	25.0		
1/5/1994	5.96	670	1220	448	28.6		
1/6/1994	5.84	580	1075	393	29.9		16.00
1/7/1994	5.84	660	1145	419	35.1		
1/8/1994	5.77	595	1065	337	32.8		
1/9/1994	5.53	540	990	373	25.3		
1/10/1994	5.51	515	1000	468	29.7		
1/11/1994	5.68	490	1030	499	25.9		17.00
1/12/1994	5.43	440	975	369	22.3		
1/13/1994	5.45	470	950	465	22.3		
1/14/1994	5.36	440	935	429	24.9		
1/15/1994	5.44	380	835	279	29.3		
1/16/1994	5.28			380			
1/17/1994	6.17	500	925	395	22.2		
1/18/1994	6.26	790	1315	728	35.2		
1/19/1994	6.16	770	1345	417	31.0		
1/20/1994	6.35	825	1485	566	35.0		
1/21/1994	6.25	890	1590	519	43.2		
1/22/1994	5.94	615	1175	422	31.9		
1/23/1994	5.80	530	970	361	23.4		
1/24/1994	5.98	685	1250	552	26.9		
1/25/1994	6.32	665	1140	435	25.8		10.80
1/26/1994	6.35	750	1295	474	30.4		
1/27/1994	6.19	765	1535	501	30.7		
1/28/1994	6.00	670	1495	517	28.9		
1/29/1994	5.78	550	1085	295	24.4		
1/30/1994	5.70	515	1150	324	33.5		
1/31/1994	5.78	610	1180	380	29.6		
2/1/1994	6.10	700	1360	464	26.7		
2/2/1994	5.98	800	1440	491	44.4		11.00
2/3/1994	5.94	790	1435	401	31.1		
2/4/1994	5.89	740	1385	346	41.7		
2/5/1994	5.90	625	1250	280	27.4		
2/6/1994	5.73	545	1085	252	30.1		

2/7/1994	6.09	670	1225	310	29.4	
2/8/1994	5.98	900	1345	332	26.8	10.40
2/9/1994	5.87	860	1580	413	40.5	
2/10/1994	6.04	840	1410	379	31.7	
2/11/1994	5.75	780	1440	406	37.7	
2/12/1994	5.90	660	1335	287	30.5	
2/13/1994	5.78	550	1235	312	42.7	
2/14/1994	5.57	480	1060	290	21.5	
2/15/1994	5.91	685	1925	2828	26.4	
2/16/1994	6.03	490	1025	280	29.5	
2/17/1994	6.26	550	1160	437	37.1	12.00
2/18/1994	6.06	560	1150	429	33.5	
2/19/1994	5.91	480	990	291	23.9	
2/20/1994	5.55		825			
2/21/1994	5.61	300	715	256	19.3	
2/22/1994	5.54	390	745	228	19.3	
2/23/1994	5.45	375	765	224	31.0	8.10
2/24/1994	5.45	320	715	456	26.3	
2/25/1994	4.76	280	585	253	15.4	
2/26/1994	4.48	250	535	190	17.3	
2/27/1994	4.78	220	730	447	26.2	
2/28/1994	4.91	290	575	206	20.1	
3/1/1994	5.25	470	1015	1230	25.8	
3/2/1994	5.36	550	1040	307	32.7	
3/3/1994	5.64	590	990	353	28.1	
3/4/1994	5.94	670	1440	357	34.2	
3/5/1994	6.02	660	1225	240	26.8	
3/6/1994	5.64	635	1220	233	23.9	
3/7/1994	5.63	490	995	380	36.7	
3/8/1994	5.76	590	1175	503	29.6	
3/9/1994	5.56	555	1170	403	28.4	
3/10/1994	5.83	465	1110	565	38.1	
3/11/1994	5.69	450	1075	469	23.4	
3/12/1994	5.51	455	1065	371	24.0	
3/13/1994	5.49	360	990	328	27.5	
3/14/1994	5.48	440	900	434	21.6	
3/15/1994	5.52	495	980	399	23.1	
3/16/1994	5.37	495	995	370	21.2	
3/17/1994	5.51	675	1535	657	26.9	
3/18/1994	5.52	710	1285	499	38.8	
3/19/1994	5.43	570	1150	290	32.7	
3/20/1994	5.34	395	920	345	35.7	
3/21/1994	5.93	505	1030	390	28.7	
3/22/1994	6.23	530	1095	406	35.0	

3/23/1994	6.10	520	1170	338	36.4	
3/24/1994	5.96	520	955	286	32.0	14.00
3/25/1994	5.82	595	1140	336	31.3	
3/26/1994	5.64	500	990	298	39.7	
3/27/1994	5.38	410	800	282	28.3	
3/28/1994	5.91	380	855	404	25.7	
3/29/1994	6.25	375	990	489	38.2	
3/30/1994	5.99	340	755	308	23.8	
3/31/1994	6.26	380	950	333	33.2	
4/1/1994	6.01	450	1005	386	26.3	
4/2/1994	5.67	455	890	265	24.1	
4/3/1994	5.56	440	885	271	31.0	
4/4/1994	6.44	510	1435	733	52.6	
4/5/1994	5.50	625	1280	415	30.5	
4/6/1994	5.58	655	1325	420	36.1	
4/7/1994	5.82	800	1425	489	39.3	
4/8/1994	5.65	640	1160	308	40.4	
4/9/1994	5.45	520	905	307	37.7	
4/10/1994	5.46	400	860	292	32.7	
4/11/1994	5.47	515	1340	492	28.8	
4/12/1994	5.80	575	1315	554	33.6	17.00
4/13/1994	5.58	580	1150	421	31.1	
4/14/1994	5.75	600	1070	374	27.9	
4/15/1994	5.53	585	1075	335	26.3	
4/16/1994	5.31	535	1190	459	34.5	
4/17/1994	4.99	370	920	363	23.6	
4/18/1994	5.64	500	965	382	20.8	
4/19/1994	5.79	470	1050	410	23.0	
4/20/1994	5.76	530	1145	476	27.4	
4/21/1994	5.82	600	1205	516	28.4	
4/22/1994	5.74	435	960	428	37.6	
4/23/1994	5.71	440	835	311	29.4	
4/24/1994	5.67	320	740	277	28.5	
4/25/1994	6.04	565	1550	800	33.4	
4/26/1994	5.71	470	930	410	24.6	
4/27/1994	5.53	590	1130	424	24.4	
4/28/1994	5.99	680	1325	468	32.7	
4/29/1994	5.94	650	1260	384	30.1	
4/30/1994	6.02	505	1070	424	26.0	
5/1/1994	5.40	290	810	311	18.2	
5/2/1994	6.06	470	970	402	26.0	
5/3/1994	5.92	460	945	436	28.5	
5/4/1994	6.34	335	755	337	21.3	
5/5/1994	6.82	465	940	461	19.7	

5/6/1994	5.98	420	930	334	18.1	
5/7/1994	6.13	390	870	276	22.0	
5/8/1994	6.11	310	750	340	23.3	
5/9/1994	6.05	480	895	371	18.3	
5/10/1994	6.16	630	1125	429	24.7	
5/11/1994	5.89	590	1195	441	29.9	
5/12/1994	6.16	700	1145	465	31.2	
5/13/1994	6.18	520	1025	358	24.3	
5/14/1994	5.80	500	1185	518	32.2	
5/15/1994	5.89	310	685	276	23.3	
5/16/1994	6.21	495	1065	493	21.9	
5/17/1994	6.43	535	955	292	19.7	
5/18/1994	6.31	510	1075	496	30.6	10.00
5/19/1994	6.57	420	960	392	24.6	
5/20/1994	6.76	405	805	286	23.5	
5/21/1994	6.30	385	705	266	20.8	
5/22/1994	6.05	315	565	197	17.8	
5/23/1994	6.10	320	795	449	33.5	
5/24/1994	6.03	545	1725	507	19.3	
5/25/1994	5.98	435	795	349	21.8	15.00
5/26/1994	6.20	400	785	286	25.4	
5/27/1994	6.23	405	805	324	22.6	
5/28/1994	6.10	420	800	303	30.6	
5/29/1994	5.24			189		
5/30/1994	5.50	165	440	195	19.2	
5/31/1994	6.18	345	605	259	26.9	
6/1/1994	5.07	565	1185	717	28.6	
6/2/1994	6.06	475	870	374	21.9	
6/3/1994	6.11	400	770	308	26.1	
6/4/1994	5.91	345	750	379	22.4	
6/5/1994	5.70	360	800	417	23.0	
6/6/1994	6.26	355	765	403	16.3	
6/7/1994	6.36	330	880	378	20.7	12.00
6/8/1994	5.78	380	820	405	19.4	
6/9/1994	6.25	410	870	409	25.6	
6/10/1994	6.04	410	800	314	23.1	
6/11/1994	5.88	375	810	322	27.0	
6/12/1994	5.73	260	590	296	27.9	
6/13/1994	6.69	430	930	464	17.9	
6/14/1994	6.61	430	1005	407	18.6	
6/15/1994	6.72	480	1175	540	26.4	
6/16/1994	6.25	420	915	451	19.5	
6/17/1994	6.14	410	825	344	22.9	
6/18/1994	5.92	390	730	282	18.7	

6/19/1994	5.73	300	595	277	22.7	
6/20/1994	5.64	275	660	343	16.8	
6/21/1994	5.66	300	530	249	14.0	
6/22/1994	5.79	215	435	203	12.3	
6/23/1994	5.32	280	570	248	14.9	
6/24/1994	5.36	220	480	207	16.1	
6/25/1994	5.29	145	380	138	12.3	
6/26/1994	5.30	140	560	347	24.8	
6/27/1994	5.55	255	620	248	13.8	
6/28/1994	6.01	525	2350	1600	13.1	
6/29/1994	6.28	210	395	134	10.1	
6/30/1994	6.16	305	520	210	10.1	
7/1/1994	6.32	350	465	314	8.2	
7/2/1994	6.18	155	430	172	17.8	
7/3/1994	5.88			193		11.00
7/4/1994	6.03	120	320	159	11.9	
7/5/1994	6.72	150	380	153	14.2	
7/6/1994	6.35	215	430	180	16.1	
7/7/1994	6.32	175	400	140	13.8	
7/8/1994	6.22	245	495	172	14.2	
7/9/1994	6.08	130	335	128	15.1	
7/10/1994	6.20	130	400	179	15.7	
7/11/1994	6.62	155	400	147	10.3	
7/12/1994	6.45	160	380	117	10.0	
7/13/1994	6.35	150	370	107	15.0	
7/14/1994	6.58	210	450	165	11.4	
7/15/1994	6.38	345	635	312	17.2	
7/16/1994	6.32	120	355	119	16.3	
7/17/1994	6.33	110	285	112	11.2	
7/18/1994	6.56	180	485	165	10.6	
7/19/1994	6.97	245	540	179	16.2	
7/20/1994	6.88	225	750	310	16.7	
7/21/1994	6.75	250	485	173	13.0	
7/22/1994	6.64	195	470	144	12.8	
7/23/1994	6.81	285	655	214	19.5	
7/24/1994	6.54	230	585	235	12.2	12.00
7/25/1994	6.96	300	590	233	14.5	
7/26/1994	6.77	260	485	171	13.9	
7/27/1994	6.78	295	645	309	14.2	
7/28/1994	7.01	270	615	250	18.3	
7/29/1994	7.14	260	610	224	13.6	
7/30/1994	6.90	495	1025	499	12.2	
7/31/1994	6.90	295	585	309	19.7	12.00
8/1/1994	7.18	285	480	262	10.3	

8/2/1994	6.89	195	615	391	13.6
8/3/1994	7.02	265	625	338	15.5
8/4/1994	7.15	360	470	292	12.1
8/5/1994	7.12	265	1005	682	11.2
8/6/1994	7.04	370	755	386	8.0
8/7/1994	6.79		505	276	10.4
8/8/1994	7.29	230	620	259	18.4
8/9/1994	6.94	260	515	242	12.6
8/10/1994	6.96	260	525	245	10.9
8/11/1994	7.20	345	725	315	17.0
8/12/1994	7.01	275	615	244	15.4
8/13/1994	6.92	280	615	274	12.5
8/14/1994	6.83	165	515	246	11.0
8/15/1994	7.28	220	590	290	16.7
8/16/1994	6.92	215	545	220	12.0
8/17/1994	7.22	265	680	319	12.1
8/18/1994	7.45	285	700	305	10.9
8/19/1994	7.51	290	675	279	14.9
8/20/1994	7.40	330	755	365	12.2
8/21/1994	7.13	250	620	263	14.2
8/22/1994	7.66	410	685	347	11.1
8/23/1994	6.96	260	645	284	8.9
8/24/1994	7.16	295	565	204	11.0
8/25/1994	7.24	245	685	274	12.6
8/26/1994	7.19	295	635	281	14.1
8/27/1994	7.09	240	570	267	16.6
8/28/1994	6.95	280	665	306	9.5
8/29/1994	7.39	295	605	289	10.8
8/30/1994	7.24	225	700	378	17.3
8/31/1994	7.03	195	525	205	10.9
9/1/1994	7.48	330	645	300	21.3
9/2/1994	7.00	260	665	283	10.4
9/3/1994	7.07	305	695	296	12.8
9/4/1994	6.62			89	
9/5/1994	6.46	98	390	146	13.0
9/6/1994	6.66	315	625	260	9.4
9/7/1994	6.56	235	415	181	10.3
9/8/1994	6.60	1270	3210	1799	16.9
9/9/1994	6.67	235	480	166	14.6
9/10/1994	6.94	205	475	243	10.5
9/11/1994	6.89	255	610	375	12.6
9/12/1994	7.02	305	810	314	12.4
9/13/1994	7.04	305	635	254	13.1
9/14/1994	7.02	270	655	269	21.0



9/15/1994	6.94	255	825	586	14.8
9/16/1994	6.61	265	665	273	10.8
9/17/1994	6.62	285	645	247	13.6
9/18/1994	6.46	160	460	198	17.7
9/19/1994	6.96	265	580	257	19.1
9/20/1994	6.64	260	645	284	12.0
9/21/1994	6.69	285	695	399	16.5
9/22/1994	6.59	315	665	279	13.6
9/23/1994	6.45	310	645	263	15.5
9/24/1994	6.45	360	760	294	16.2
9/25/1994	6.39	290	610	270	15.9
9/26/1994	6.55	310	655	271	13.3
9/27/1994	6.61	345	770	311	13.9
9/28/1994	6.57	380	775	224	16.0
9/29/1994	6.68	375	825	332	22.9
9/30/1994	6.56	415	810	279	22.3
10/1/1994	6.36	365	810	287	20.3
10/2/1994	6.07	230	600	242	19.4
10/3/1994	6.64	330	840	417	15.9
10/4/1994	6.67	315	900	576	16.7
10/5/1994	6.46	355	755	325	16.8
10/6/1994	6.48	330	795	404	15.4
10/7/1994	6.35	455	1010	567	17.2
10/8/1994	6.17			330	
10/9/1994	5.76	200	685	373	13.3
###	6.39	485	1085	619	14.7
###	6.09	445	1035	436	18.1
###	6.22	410	990	464	21.2
###	6.41	550	905	413	17.7
###	6.23	485	1050	468	18.1
###	6.14	495	1180	521	19.2
###	5.88	245	615	307	14.9
###	6.29	420	865	412	14.6
###	6.12	370	960	497	13.7
###	5.97	360	730	427	14.7
###	5.87	415	1135	635	20.7
###	5.84	425	1150	541	21.6
###	5.79	430	900	370	15.3
###	5.70	320	605	341	17.2
###	6.06	360	955	516	22.3
###	5.83	380	845	353	17.2
###	5.85	410	935	399	25.7
###	5.88	500	900	380	23.0
###	5.92	430	895	406	23.5

###	5.84	240	650	290	20.3		
###	5.84	285	735	358	21.6		
###	5.94	370	745	335	16.9		
11/1/1994	6.13	280	775	322	30.1		
11/2/1994	5.94	360	790	356	22.2		
11/3/1994	6.10	385	815	345	22.9		
11/4/1994	6.12	485	1105	493	23.2	20.00	15.00
11/5/1994	5.96	380	795	392	22.4		
11/6/1994	5.78	230	580	369	15.4		
11/7/1994	6.02	355	945	515	26.3		
11/8/1994	6.05	490	1125	641	24.5		
11/9/1994	5.93	395	1090	525	25.7		
###	6.10	430	935	431	20.4		
###	5.85	555	1030	338	23.8		
###	6.22	440	905	410	24.8		
###	5.65	275	800	309	15.5		
###	6.26	365	945	382	21.9		
###	6.37	450	1165	524	37.2		
###	6.03	530	1180	386	23.5		
###	6.16	445	1040	342	25.5	24.00	14.00
###	5.99	470	1290	911	29.2		
###	6.18	465	1060	423	26.5		
###	5.87	300	685	273	18.3		
###	5.73	310	1195	430	23.9		
###	5.88	295	875	282	22.4		
###	5.69						
###	5.24	225	670	109	18.5		
###	5.42	345	860	340	23.1		
###	5.46	260	535	130	27.8		
###	5.62	290	615	210	27.4		
###	6.11	400	1060	517	24.6		
###	6.21	550	890	292	21.4		
###	6.27	540	1010	328	26.3	20.00	13.00
12/1/1994	6.41	470	945	316	24.6		
12/2/1994	5.98	450	865	272	25.7		
12/3/1994	6.35	510	890	323	29.2		
12/4/1994	6.05	415	715	313	19.5		
12/5/1994	6.37	635	1235	487	20.5		
12/6/1994	6.39	485	1055	333	27.7		
12/7/1994	5.94	485	1065	288	22.3		
12/8/1994	6.14	560	970	296	29.1		9.00
12/9/1994	5.64	475	1150	624	36.3		
###	5.67	605	1115	356	31.8		
###	5.41	360	695	211	26.0		

###	6.00	410	805	306	25.6		
###	5.82	445	910	294	26.0		
###	6.08	505	1055	431	38.6		
###	5.84	490	1000	294	28.7		
###	6.07	450	1085	303	44.4		
###	5.81	520	1010	280	45.6		
###	6.19	365	1025	315	42.1		
###	6.19	420	830	369	24.3		
###	5.98	340	840	364	24.7	5.30	10.00
###	5.79	280	755	291	21.2		
###	5.87	290	650	306	21.7		
###	5.53	270	595	249	20.0		
###	5.30			174			
###	4.67	170	365	123	21.5		
###	5.18	175	420	154	21.2		
###	5.10	375	585	233	24.6		
###	5.33	300	605	225	23.4		
###	5.36	215	545	198	15.7		
###	5.16	235	515	125	13.1		
###	5.00			180			

### Cleanwater WWTP Plant Influent Data

DATE	FLOW (mgd)	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	NH3-N (mg/L)	O-PO4 (mg/L)	T-PO4 (mg/L)
1/1/1995	4.70	210	475	150	18.3		
1/2/1995	5.32	215	480	168	20.5		
1/3/1995	5.12	385	615	204	17.9		
1/4/1995	5.09	325	950	510	29.2		
1/5/1995	5.31	355	640	181	18.3		
1/6/1995	5.01	415	715	282	20.0		
1/7/1995	5.17	280	620	217	20.5		
1/8/1995	5.35	200	460	145	15.9		
1/9/1995	5.53	355	825	296	26.7		
1/10/1995	5.88	425	930	356	30.5		
1/11/1995	5.79	400	900	349	28.4		
1/12/1995	5.97	460	1105	692	33.8		
1/13/1995	5.91	500	895	441	26.0		
1/14/1995	5.88			288			
1/15/1995	5.75	295	650	297	26.6		
1/16/1995	6.17	405	880	352	19.5		
1/17/1995	5.97	540	965	396	32.8		
1/18/1995	5.82	465	925	297	31.0		
1/19/1995	5.95	515	975	308	28.8		
1/20/1995	5.98	440	850	244	26.7		
1/21/1995	5.93	505	975	286	28.5		
1/22/1995	5.89	420	830	280	31.2		
1/23/1995	5.74	420	1115	569	32.8		
1/24/1995	5.78	440	1060	562	30.8		
1/25/1995	5.74	540	1010	430	32.9		
1/26/1995	5.79	490	1835	793	32.1		
1/27/1995	5.53	475	1005	406	25.1		
1/28/1995	5.91	475	865	373	27.8		
1/29/1995	5.16	305	650	280	21.8		
1/30/1995	5.90	350	780	397	20.6		
1/31/1995	5.81	570	1050	567	23.4		
2/1/1995	5.87	535	985	382	31.4		
2/2/1995	5.84	460	1210	560	31.5		
2/3/1995	5.73	495	915	345	30.0		
2/4/1995	5.67	400	810	316	28.3		
2/5/1995	5.61	305	700	298	27.7		
2/6/1995	5.91	360	760	313	18.9		

2/7/1995	5.86	440	870	292	23.4		
2/8/1995	5.77	660	1160	487	33.6		
2/9/1995	5.88	590	965	400	22.8		
2/10/1995	5.87	620	965	368	27.7		
2/11/1995	5.94	485	920	378	24.5		
2/12/1995	5.74	425	860	287	21.3		
2/13/1995	5.99	515	995	461	22.4		
2/14/1995	5.99	535	1070	395	27.1		
2/15/1995	5.81	470	845	357	24.0		
2/16/1995	5.80	605	1120	511	27.6	1.40	8.50
2/17/1995	5.68	515	915	291	31.8		
2/18/1995	5.65		950	333			
2/19/1995	5.18	460	790	280	28.3		
2/20/1995	5.47	450	810	317	19.1		
2/21/1995	5.57	485	805	312	23.2		
2/22/1995	5.96	445	890	357	23.2		
2/23/1995	6.17	535	960	309	25.6		
2/24/1995	5.82	620	1125	313	24.8		
2/25/1995	5.95	655	1170	433	39.2		
2/26/1995	5.82	500	890	283	24.2		
2/27/1995	6.22	500	755	264	25.1		
2/28/1995	6.04	510	1045	533	23.4		
3/1/1995	6.11	670	935	418	27.0		
3/2/1995	6.17	540	945	336	24.1		
3/3/1995	6.16	575	820	283	23.1		
3/4/1995	6.12	590	990	352	30.8		
3/5/1995	6.00	540	1080	292	22.0		
3/6/1995	6.22	660	1185	439	19.9		
3/7/1995	6.15	810	1300	432	26.9		
3/8/1995	6.04	790	1385	446	27.2		
3/9/1995	6.06	740	1250	394	28.3		
3/10/1995	5.77	600	985	364	26.6		
3/11/1995	5.66	410	745	341	26.6		
3/12/1995	5.86	280	620	290	24.5		
3/13/1995	6.14	450	800	374	27.8		
3/14/1995	5.96	455	915	420	24.6		
3/15/1995	5.77	435	825	328	22.0		
3/16/1995	5.72	445	905	449	23.4		
3/17/1995	5.69	540	955	461	22.5		
3/18/1995	5.93	320	675	304	19.2		
3/19/1995	5.45	255	695	256	21.1		
3/20/1995	5.84	340	870	359	26.7		
3/21/1995	5.75	560	1295	681	19.3		
3/22/1995	5.69	440	905	420	27.3		

3/23/1995	5.74	545	925	398	19.3	
3/24/1995	5.72	440	865	341	19.3	
3/25/1995	5.60	405	570	336	17.8	
3/26/1995	5.58	305	690	291	23.5	
3/27/1995	5.76	360	745	324	17.4	
3/28/1995	5.66	420	705	382	17.1	
3/29/1995	5.61	445	1150	603	27.6	
3/30/1995	5.59	545	905	395	21.6	
3/31/1995	5.51	565	1110	583	28.1	
4/1/1995	5.80	370	795	335	22.6	
4/2/1995	6.05	305	600	240	16.8	
4/3/1995	6.38	310	705	332	19.3	
4/4/1995	6.22	535	865	405	21.3	
4/5/1995	6.27	425	725	304	23.3	
4/6/1995	6.60	390	710	319	21.7	
4/7/1995	6.45	240	660	291	22.3	
4/8/1995	6.50	375	830	373	28.7	
4/9/1995	6.35	270	705	290	17.8	
4/10/1995	6.51	400	885	447	26.1	
4/11/1995	6.48	470	885	423	22.3	
4/12/1995	6.67	410	865	339	31.0	16.00
4/13/1995	6.96	475	970	448	31.6	
4/14/1995	6.61	625	875	336	29.4	
4/15/1995	6.85	380	725	334	28.7	
4/16/1995	6.36	315	515	231	19.4	
4/17/1995	6.81	370	860	510	26.4	
4/18/1995	6.81	395	850	454	23.3	
4/19/1995	6.76	430	830	398	20.2	
4/20/1995	7.20	280	545	255	16.7	
4/21/1995	6.99	345	625	277	19.3	
4/22/1995	6.12	270	670	307	20.2	
4/23/1995	5.47	185	495	205	16.1	
4/24/1995	5.87	420	805	444	21.0	
4/25/1995	5.90	460	910	441	25.2	
4/26/1995	5.84	525	860	366	21.4	
4/27/1995	5.93	445	845	343	16.5	
4/28/1995	5.92	400	750	304	15.5	
4/29/1995	6.06	450	835	428	27.9	
4/30/1995	5.68	350	765	398	21.6	
5/1/1995	6.40	330	630	299	13.7	
5/2/1995	6.13	410	820	487	28.6	
5/3/1995	6.06	355	675	296	18.3	
5/4/1995	6.12	365	930	425	23.7	
5/5/1995	6.66	350	725	375	24.2	

5/6/1995	6.55	275	785	408	20.7
5/7/1995	6.12	235	590	403	23.9
5/8/1995	6.35	340	685	365	13.3
5/9/1995	6.37	375	750	325	20.1
5/10/1995	6.25	435	695	305	18.6
5/11/1995	6.57	480	985	490	23.8
5/12/1995	6.48	420	880	347	25.7
5/13/1995	6.24	510	975	474	19.6
5/14/1995	6.00	345	755	392	20.0
5/15/1995	6.32	330	725	402	14.6
5/16/1995	6.41	365	810	499	24.9
5/17/1995	6.26	285	575	268	15.0
5/18/1995	6.51	355	750	411	24.4
5/19/1995	6.26	320	805	284	19.8
5/20/1995	6.29	340	655	276	19.4
5/21/1995	6.28	265	595	304	18.5
5/22/1995	6.55	270	650	321	15.3
5/23/1995	6.42	325	690	429	18.6
5/24/1995	6.32	350	685	335	18.7
5/25/1995	6.49	385	730	386	17.0
5/26/1995	6.37	315	675	291	20.9
5/27/1995	6.14		510	270	
5/28/1995	5.58	235	440	198	13.8
5/29/1995	5.98	180	505	310	19.0
5/30/1995	6.57	310	540	271	12.9
5/31/1995	6.53	455	840	364	13.5
6/1/1995	6.76	420	855	475	24.1
6/2/1995	6.58	300	620	271	16.2
6/3/1995	6.59	360	885	541	21.5
6/4/1995	6.05	200	575	403	18.3
6/5/1995	6.90	415	810	509	16.0
6/6/1995	6.80	365	740	341	20.3
6/7/1995	6.70	430	720	333	14.6
6/8/1995	6.78	350	860	406	22.3
6/9/1995	6.56	330	675	239	16.3
6/10/1995	6.48	280	605	236	19.4
6/11/1995	6.27	175	525	260	18.7
6/12/1995	6.84	260	520	223	13.9
6/13/1995	6.68	390	625	271	16.8
6/14/1995	6.64	330	535	227	14.5
6/15/1995	6.87	555	955	542	19.0
6/16/1995	6.75	370	650	292	18.1
6/17/1995	6.65	290	635	262	17.0
6/18/1995	6.73	245	590	296	20.3

6/19/1995	7.13	405	760	342	22.9	
6/20/1995	6.93	315	695	252	20.4	
6/21/1995	6.81	335	650	261	22.7	
6/22/1995	6.85	265	655	288	21.1	
6/23/1995	7.42	240	485	141	13.5	
6/24/1995	8.81	145	485	156	13.2	
6/25/1995	8.15	120	295	100	12.8	
6/26/1995	8.76	155	390	168	12.4	
6/27/1995	7.08	245	385	165	12.9	
6/28/1995	6.80	200	405	172	11.9	
6/29/1995	6.83	215	495	121	11.7	
6/30/1995	6.85	280	370	124	11.0	
7/1/1995	6.41	165	290	69	11.4	
7/2/1995	6.31	105	345	73	12.2	
7/3/1995	6.79			147		
7/4/1995	6.33	180	520	356	28.3	
7/5/1995	6.72	220	840	520	10.0	
7/6/1995	7.01	160	355	103	9.8	
7/7/1995	6.89	170	415	121	9.5	
7/8/1995	6.74	160	350	117	12.7	
7/9/1995	6.75	135	280	89	16.7	
7/10/1995	7.05	190	410	180	19.5	
7/11/1995	7.07	150	290	95	10.3	
7/12/1995	7.19	190	435	113	18.4	
7/13/1995	6.96	230	530	254	11.4	
7/14/1995	6.77	140	340	122	9.2	
7/15/1995	6.78	130	330	111	10.6	
7/16/1995	6.69	110	310	113	10.1	
7/17/1995	7.23	180	460	284	15.2	
7/18/1995	7.17	180	360	119	10.0	
7/19/1995	7.17	190	360	103	13.8	
7/20/1995	7.16	315	410	169	11.1	
7/21/1995	7.20	170	335	121	10.8	
7/22/1995	6.86	110	295	102	13.3	
7/23/1995	7.13	125	290	154	11.1	
7/24/1995	7.57	1215	1480	1035	16.8	
7/25/1995	7.59	230	425	160	11.9	
7/26/1995	7.59	180	440	177	10.5	5.00
7/27/1995	7.86	390	710	343	15.9	
7/28/1995	7.81	390	920	325	15.3	
7/29/1995	8.04	410	660	219	21.4	
7/30/1995	7.49	285	545	242	17.6	
7/31/1995	8.13	275	620	243	15.6	
8/1/1995	7.81	290	560	167	14.7	



8/2/1995	7.80	350	745	121	22.8
8/3/1995	7.79	285	735	198	17.8
8/4/1995	7.87	300	735	251	19.1
8/5/1995	7.65	360	620	277	17.1
8/6/1995	7.61	360	530	219	11.6
8/7/1995	8.25	370	605	270	12.6
8/8/1995	7.90	300	520	234	12.2
8/9/1995	7.78	235	540	198	15.0
8/10/1995	7.93	270	620	225	17.2
8/11/1995	7.93	435	840	363	21.3
8/12/1995	7.78	280	570	225	16.4
8/13/1995	7.44	175	505	191	18.0
8/14/1995	7.67	215	575	274	13.2
8/15/1995	7.92	305	625	258	11.5
8/16/1995	8.07	410	715	264	18.1
8/17/1995	7.99	325	595	246	12.6
8/18/1995	7.73	285	560	235	12.3
8/19/1995	7.87	310	600	234	14.1
8/20/1995	7.50	225	480	192	11.2
8/21/1995	7.89	335	670	316	13.8
8/22/1995	8.08	340	830	358	16.4
8/23/1995	8.11	305	655	278	12.7
8/24/1995	8.04	380	715	318	15.3
8/25/1995	7.93	295	610	270	14.1
8/26/1995	7.78	305	570	191	12.4
8/27/1995	7.59	160	435	174	14.7
8/28/1995	7.49	225	465	237	12.3
8/29/1995	7.54	220	475	238	10.9
8/30/1995	7.53	150	350	128	14.7
8/31/1995	7.51	125	360	118	11.9
9/1/1995	7.39	220	500	193	20.0
9/2/1995	6.98		385	143	
9/3/1995	7.21	105	280	117	10.7
9/4/1995	7.72	120	325	132	15.0
9/5/1995	7.84	295	570	289	12.9
9/6/1995	7.88	385	780	328	12.9
9/7/1995	7.93	300	575	235	15.5
9/8/1995	7.86	315	580	235	16.3
9/9/1995	8.04	275	610	274	13.7
9/10/1995	7.64		485	249	12.9
9/11/1995	8.16	310	605	359	12.8
9/12/1995	8.21	470	730	391	17.6
9/13/1995	7.91	310	545	249	12.8
9/14/1995	8.25	305	615	289	17.0

9/15/1995	8.14	340	595	246	19.2
9/16/1995	7.99	305	580	254	18.7
9/17/1995	7.80	130	410	223	14.4
9/18/1995	8.30	250	560	250	19.7
9/19/1995	8.16	255	565	265	12.6
9/20/1995	8.08	240	480	185	13.9
9/21/1995	7.96	230	535	195	12.7
9/22/1995	7.73	300	590	238	14.5
9/23/1995	7.70	230	520	206	14.7
9/24/1995	7.46	190	450	202	13.2
9/25/1995	7.77	245	560	277	17.8
9/26/1995	8.25	345	700	294	12.8
9/27/1995	7.60	270	705	297	19.6
9/28/1995	7.87	300	600	247	14.7
9/29/1995	7.61	295	585	225	16.2
9/30/1995	7.73	345	665	290	17.1
10/1/1995	7.32	225	605	284	15.3
10/2/1995	7.85	320	680	346	13.9
10/3/1995	8.02	310	685	269	16.8
10/4/1995	7.79	350	690	272	12.5
10/5/1995	7.82	345	750	353	16.9
10/6/1995	7.76	270	590	302	14.0
10/7/1995	8.89		705	356	
10/8/1995	6.45	230	625	353	16.7
10/9/1995	7.77	260	595	294	13.4
###	7.81		695	396	19.9
###	7.73	360	775	354	16.8
###	7.66	320	695	375	17.2
###	7.14	365	635	230	14.9
###	7.17	320	680	347	16.0
###	6.74		530	284	14.3
###	7.12	305	685	367	13.8
###	7.25	350	750	299	19.6
###	7.14	395	895	442	23.7
###	6.93	345	730	292	20.0
###	6.81	385	810	373	19.7
###	7.05	290	660	361	22.3
###	6.70	160	445	213	13.8
###	7.01	240	600	292	18.0
###	6.84	285	625	300	15.0
###	7.08	335	675	278	19.6
###	7.27	370	775	279	19.1
###	7.48	430	865	327	25.1
###	7.10	405	780	296	19.3

###	6.74	330	675	251	16.2		
###	6.81	400	850	340	23.1		
###	6.64	370	675	181	18.2		
11/1/1995	6.93	480	1015	353	20.3		
11/2/1995	6.74	385	960	417	27.2		
11/3/1995	6.59	270	1025	212	20.5		
11/4/1995	6.57	335	670	121	21.8		
11/5/1995	6.82	380	620	124	20.9		
11/6/1995	7.20	545	960	253	27.2		
11/7/1995	7.64	480	920	287	27.0		
11/8/1995	7.36	385	740	195	21.4		
11/9/1995	7.22	395	930	328	27.7		
###	7.02		1030	324			
###	7.22	500	935	316	23.5		
###	7.31	415	725	275	15.7		
###	7.53	560	1035	516	20.3		
###	7.42	490	1090	624	20.2		
###	7.54	460	1095	538	20.4		
###	6.84	490	935	525	19.1		
###	6.49	435	780	309	25.4		
###	6.87	470	890	317	22.5		
###	6.16	260	580	218	19.1		
###	6.23	245	610	367	17.6		
###	6.43	260	665	332	27.6		
###	6.16		675	353			
###	5.57	210	395	110	19.1		
###	5.92	220	560	244	36.2		
###	6.44	195	495	227	23.3		
###	6.43	135	480	235	22.0		
###	7.34	335	675	310	24.0		
###	7.34	430	985	468	29.1		
###	7.06	465	895	432	23.1		11.40
###	6.81	425	1065	515	25.4		
12/1/1995	6.96	410	795	323	32.9		
12/2/1995	6.93	395	835	361	25.8		
12/3/1995	6.70	315	700	347	26.2		
12/4/1995	6.87	345	720	368	24.4		
12/5/1995	6.90	340	660	286	23.1		
12/6/1995	7.02	380	710	324	22.7	5.10	10.30
12/7/1995	7.06	350	695	293	23.4		
12/8/1995	6.81	385	785	331	23.4		
12/9/1995	6.98	320	625	284	26.2		
###	6.72	275	555	210	24.1		8.50
###	7.28	220	585	254	20.2		

###	7.43	450	950	443	34.0		
###	7.19	470	1010	352	28.1	5.70	10.40
###	7.29	470	890	513	27.2		
###	7.22	430	885	346	28.5		
###	7.15	400	765	270	24.3		
###	6.92	285	610	237	23.7		
###	7.32	320	790	330	29.7		
###	7.17	325	965	567	27.3		
###	7.15	420	910	359	22.9		
###	6.81	360	785	307	23.7		
###	6.12	320	715	293	20.0		
###	5.83	300	550	138	18.1		
###	5.60						
###	5.50	205	435	141	16.2		
###	6.46	245	640	210	23.8		
###	6.40	520	865	234	23.4		
###	6.30	390	785	219	30.7		
###	5.97	310	535	145	16.4		
###	6.69	315	675	207	27.4		
###	6.28						

**Cleanwater WWTP  
Plant Influent Data**

DATE	FLOW (mgd)	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	NH3-N (mg/L)	O-PO4 (mg/L)	T-PO4 (mg/L)
1/1/1996	6.16	245	520	170	19.5		
1/2/1996	6.83	335	740	273	22.1		
1/3/1996	6.59	1910	3110	1588	35.1		
1/4/1996	6.32	225	565	178	17.9		
1/5/1996	6.05	230	545	168	19.1		
1/6/1996	6.39	280	545	209	21.6		
1/7/1996	6.38	205	445	143	15.4		
1/8/1996	6.86	320	645	239	23.0		
1/9/1996	6.81	390	715	342	20.5		
1/10/1996	6.86	545	1105	433	31.0	7.40	13.30
1/11/1996	6.86	330	790	264	26.5		
1/12/1996	6.87	350	840	279	20.7		
1/13/1996	6.93		810				
1/14/1996	6.49	355	710	240	19.5		
1/15/1996	7.21	430	1065	476	25.8		
1/16/1996	7.34	490	950	395	25.4		
1/17/1996	6.92	520	955	442	29.0		
1/18/1996	7.09	465	1100	610	31.9		
1/19/1996	7.04	475	885	398	27.0		
1/20/1996	7.09	390	805	326	26.2		
1/21/1996	6.70	280	630	260	19.5		
1/22/1996	6.98	310	680	262	26.2		
1/23/1996	6.79	375	765	305	23.6		
1/24/1996	6.79	315	730	301	26.4		
1/25/1996	6.73	305	630	242	30.6		
1/26/1996	6.84	335	635	228	21.4		
1/27/1996	7.03	315	610	233	22.3		
1/28/1996	6.64	235	515	197	26.3		
1/29/1996	6.88	375	840	363	17.0		
1/30/1996	7.00	420	880	326	23.9		
1/31/1996	7.11	590	975	331	21.9		
2/1/1996	7.25	570	980	384	23.9		
2/2/1996	6.95	490	950	372	26.3		
2/3/1996	7.54	405	775	302	22.6	6.30	
2/4/1996	7.95	365	670	279	20.0		
2/5/1996	7.08	380	775	279	16.9		
2/6/1996	7.26	360	725	270	18.9		

2/7/1996	7.23	585	1100	464	24.7	
2/8/1996	7.17	525	1010	368	22.3	
2/9/1996	6.88	470	875	279	23.0	
2/10/1996	7.00	485	840	269	21.4	
2/11/1996	6.50	365	695	247	20.4	
2/12/1996	6.43	340	740	270	28.6	
2/13/1996	6.38		735	299	21.8	
2/14/1996	6.05	320	645	218	19.6	
2/15/1996	6.05	315	645	198	15.4	
2/16/1996	5.97	300	580	198	18.5	
2/17/1996	6.10	230	485	160	23.1	
2/18/1996	5.74	160	400	117	15.9	
2/19/1996	6.72	355	650	233	14.8	
2/20/1996	6.78	370	685	284	21.8	
2/21/1996	6.93	470	785	240	21.1	
2/22/1996	6.95	465	860	312	21.2	
2/23/1996	7.01	605	995	425	27.9	
2/24/1996	6.79	395	735	298	19.3	
2/25/1996	6.69	340	750	377	20.1	
2/26/1996	7.17	445	880	355	15.1	
2/27/1996	7.19	405	820	389	19.6	
2/28/1996	7.16	545	915	314	19.5	7.80
2/29/1996	6.87	415	800	320	21.6	
3/1/1996	6.88	470	935	342	19.0	
3/2/1996	6.57	400	920	433	17.9	
3/3/1996	6.22	290	575	221	14.2	
3/4/1996	7.07	355	850	375	23.0	
3/5/1996	7.14	555	1070	442	25.5	
3/6/1996	6.92	515	1040	437	23.5	
3/7/1996	6.97	430	995	339	25.7	
3/8/1996	6.78	440	1065	490	29.6	
3/9/1996	6.55	420	1155	557	22.2	
3/10/1996	6.61	315	705	309	25.0	
3/11/1996	7.00	380	720	272	19.5	
3/12/1996	7.20	465	870	389	24.0	
3/13/1996	6.93	410	765	274	23.7	
3/14/1996	6.97	425	905	371	25.2	
3/15/1996	6.86	365	815	344	25.7	
3/16/1996	6.70	315	700	278	20.7	
3/17/1996	6.62	285	640	252	17.5	
3/18/1996	6.76	410	815	342	22.9	
3/19/1996	7.00	520	945	340	20.8	
3/20/1996	6.99	475	910	367	23.7	
3/21/1996	7.05	445	900	309	25.4	

3/22/1996	7.12	525	910	312	28.9		
3/23/1996	6.86	490	855	302	27.8		
3/24/1996	6.72	395	715	262	21.2		
3/25/1996	7.03	345	680	244	18.9		
3/26/1996	6.95	395	875	476	20.2		
3/27/1996	7.11	330	610	244	18.7		
3/28/1996	7.12	315	630	224	21.3		
3/29/1996	6.94	330	640	153	20.7		
3/30/1996	6.50	250	490	158	19.3		
3/31/1996	6.39	230	495	158	18.1		
4/1/1996	7.49	480	1075	508	20.0		
4/2/1996	7.21	510	860	258	24.5		
4/3/1996	7.14	510	950	288	25.5		
4/4/1996	7.30	610	935	288	26.7		
4/5/1996	6.88	415	785	214	23.7		
4/6/1996	7.26	435	785	266	19.2		
4/7/1996	6.81	425	670	208	17.9		
4/8/1996	7.34	315	870	472	30.8		
4/9/1996	7.22	370	1070	552	19.2	8.30	
4/10/1996	7.14	375	725	260	20.8		
4/11/1996	7.24	355	765	275	19.3		
4/12/1996	7.07	320	740	278	20.9		
4/13/1996	7.05	330	640	259	17.7		
4/14/1996	6.68	310	670	265	18.4		
4/15/1996	7.23	345	955	511	19.0		
4/16/1996	7.23	470	930	431	24.9		
4/17/1996	7.15	390	910	234	24.1		
4/18/1996	7.28	370	805	280	24.3		
4/19/1996	7.33	350	815	311	24.0		
4/20/1996	7.25	410	765	282	23.8		
4/21/1996	6.93	270	655	319	17.2		
4/22/1996	7.27	400	940	561	23.4		
4/23/1996	7.33	365	735	326	19.2	7.30	
4/24/1996	7.33	350	685	283	22.2		
4/25/1996	7.36	280	600	260	22.0		
4/26/1996	7.36	445	760	270	16.5		
4/27/1996	7.25	395	705	282	23.3		
4/28/1996	6.92	295	610	240	14.1		
4/29/1996	7.26	280	600	264	16.0		
4/30/1996	7.20	435	655	250	17.1	3.70	8.80
5/1/1996	7.29	425	795	309	19.8		
5/2/1996	7.36	425	735	292	21.6		
5/3/1996	7.27	380	660	247	22.6		
5/4/1996	7.09	310	640	286	19.0		

5/5/1996	7.04	280	590	269	16.2		
5/6/1996	7.31	390	835	401	19.2		
5/7/1996	7.38	390	795	328	22.7	8.90	12.10
5/8/1996	7.51	500	1120	507	23.1		
5/9/1996	7.29	380	765	277	22.8		
5/10/1996	7.31	390	865	402	21.3		
5/11/1996	7.16	315	595	230	17.1		
5/12/1996	7.04	250	535	245	17.1		
5/13/1996	7.42	285	675	319	22.6		
5/14/1996	7.48	380	770	334	17.8	3.90	7.50
5/15/1996	7.41	460	1240	636	32.9		
5/16/1996	7.87	395	815	372	22.9		
5/17/1996	7.51	295	690	291	22.3		
5/18/1996	7.62	325	590	264	15.7		
5/19/1996	7.49	305	565	253	14.5		
5/20/1996	7.50	330	815	394	16.4		
5/21/1996	7.65	275	610	245	20.3	7.70	6.70
5/22/1996	7.69	360	645	225	20.9		
5/23/1996	7.57	350	720	283	22.6		
5/24/1996	7.59	425	660	276	21.0		
5/25/1996	7.39	305	605	274	18.8		
5/26/1996	7.05		630				
5/27/1996	7.21	225	425	184	11.5		
5/28/1996	7.57	285	545	254	18.4	5.60	8.70
5/29/1996	7.61	315	685	366	17.2		
5/30/1996	7.58	245	560	259	16.1		
5/31/1996	7.39	305	700	311	18.2		
6/1/1996	7.35	230	540	264	17.7		
6/2/1996	7.05	220	520	269	15.9		
6/3/1996	7.61	310	920	540	16.2		
6/4/1996	7.53	310	665	246	21.9	11.30	10.90
6/5/1996	7.53	340	645	207	21.6		
6/6/1996	7.56	335	735	274	19.6		
6/7/1996	7.67	290	640	257	20.2		
6/8/1996	7.60	290	585	227	16.4		
6/9/1996	7.63	325	600	248	17.1		
6/10/1996	7.78	300	590	244	18.3		
6/11/1996	7.86	440	695	253	20.9	4.80	7.00
6/12/1996	7.79	340	700	270	22.3		
6/13/1996	7.94	270	630	262	16.8		
6/14/1996	7.92	290	585	259	20.9		
6/15/1996	7.35	295	615	275	14.4		
6/16/1996	7.31	250	545	198	12.2		
6/17/1996	7.46	210	570	283	21.7		



6/18/1996	7.40	230	540	222	22.4	2.00	7.00
6/19/1996	7.52	240	530	193	16.9		
6/20/1996	7.46	190	475	131	14.1		
6/21/1996	7.47	225	510	212	16.3		
6/22/1996	7.23	145	345	113	15.6		
6/23/1996	7.04	120	345	100	11.6		
6/24/1996	7.44	185	425	124	15.7		
6/25/1996	7.39	210	440	171	15.7	3.50	5.40
6/26/1996	7.65	240	470	187	16.2		
6/27/1996	7.35	190	405	119	18.7		
6/28/1996	7.22	250	455	130	13.2		
6/29/1996	7.08	275	590	221	16.5		
6/30/1996	7.20	175	370	105	14.2		
7/1/1996	7.53	305	660	256	26.2		
7/2/1996	5.92	205	410	144	13.4		
7/3/1996	7.64						
7/4/1996	6.93	130	360	101	12.0		
7/5/1996	7.31	155	350	69	15.3		
7/6/1996	7.11	140	345	100	11.7		
7/7/1996	7.27	105	265	93	16.4		
7/8/1996	7.83	1010	1660	1033	15.1		
7/9/1996	7.79	140	350	84	13.0	3.90	6.10
7/10/1996	8.06	175	355	102	14.2		
7/11/1996	8.03	140	390	171	9.5		
7/12/1996	7.96	135	375	106	14.6		
7/13/1996	7.75	120	295	100	13.0		
7/14/1996	7.59	120	295	98	11.2		
7/15/1996	8.25	160	420	125	13.5		
7/16/1996	8.69	215	550	242	13.9	5.20	7.30
7/17/1996	8.44	195	460	234	11.2		
7/18/1996	8.55	270	435	205	17.3		
7/19/1996	8.57	275	730	208	12.2		
7/20/1996	8.34	295	580	207	12.9		
7/21/1996	8.20	260	510	192	11.3		
7/22/1996	8.62	295	635	262	13.4		
7/23/1996	8.58	295	535	139	15.7	6.90	8.40
7/24/1996	8.72	320	620	204	19.7		
7/25/1996	8.64	270	575	207	15.8		
7/26/1996	8.51	360	655	237	19.7		
7/27/1996	8.34	240	520	79	21.2		
7/28/1996	8.40			93	13.9		
7/29/1996	8.86	160	380	45	10.4		
7/30/1996	8.75	225	480	175	14.6		
7/31/1996	8.69	215	530	153	18.5	8.30	9.90

8/1/1996	8.77	270	705	227	19.2		
8/2/1996	8.57	300	590	160	15.6		
8/3/1996	8.34	210	465	155	12.3		
8/4/1996	8.27	255	495	187	14.6		
8/5/1996	8.80	265	565	218	12.6		
8/6/1996	8.56	295	615	229	16.4	7.80	14.20
8/7/1996	8.41	195	560	236	14.2		
8/8/1996	8.61	265	585	189	11.5		
8/9/1996	8.60	245	610	162	12.9		
8/10/1996	8.57	310	600	211	21.1		
8/11/1996	8.36	195	525	197	11.4		
8/12/1996	8.68	195	480	189	12.5		
8/13/1996	8.16	265	580	232	12.2	5.20	8.20
8/14/1996	8.63	320	905	354	26.6		
8/15/1996	8.57	280	690	256	18.0		
8/16/1996	8.43	300	655	207	10.2		
8/17/1996	8.32	290	505	200	11.5		
8/18/1996	8.22	235	520	231	11.7		
8/19/1996	8.65	240	565	247	16.3		
8/20/1996	8.57	325	740	288	16.4	8.30	7.20
8/21/1996	8.82	290	810	370	16.8		
8/22/1996	8.61	230	590	196	11.5		
8/23/1996	8.38	335	755	250	12.9		
8/24/1996	8.28	220	525	220	13.2		
8/25/1996	8.26	190	490	191	12.7		
8/26/1996	8.68	340	540	211	14.6		
8/27/1996	8.66	270	575	282	12.5	5.20	9.30
8/28/1996	8.53	255	620	204	15.4		
8/29/1996	8.57	250	545	234	13.7		
8/30/1996	8.03	255	615	212	14.8		
8/31/1996	8.13	300	595	214	14.8		
9/1/1996	7.76						
9/2/1996	8.06	140	365	152	10.1		
9/3/1996	8.46	285	635	233	17.4	5.90	10.10
9/4/1996	8.46	390	685	285	15.3		
9/5/1996	8.53	250	580	240	14.0		
9/6/1996	8.66	290	615	205	13.9		
9/7/1996	8.62	330	570	251	13.9		
9/8/1996	8.73	270	550	239	12.0		
9/9/1996	8.87	265	560	242	14.2		
9/10/1996	8.66	250	540	249	14.4	11.00	11.80
9/11/1996	8.08	210	500	192	16.0		
9/12/1996	8.33	250	520	194	14.9		
9/13/1996	8.19	235	455	117	13.7		

9/14/1996	8.11	130	325	120	12.8		
9/15/1996	8.50	140	355	167	17.2		
9/16/1996	8.75	175	435	154	11.8		
9/17/1996	9.14	220	620	183	15.7	6.10	9.40
9/18/1996	9.19	230	490	171	11.0		
9/19/1996	9.20	220	525	190	13.7		
9/20/1996	9.03	285	600	216	14.0		
9/21/1996	8.96	235	500	183	13.8		
9/22/1996	8.93	170	465	202	13.5		
9/23/1996	9.17	325	650	291	16.5		
9/24/1996	9.04	265	640	287	13.5	6.70	8.30
9/25/1996	8.97	270	605	205	12.4		
9/26/1996	8.59	220	555	196	14.5		
9/27/1996	8.34	305	690	216	14.0		
9/28/1996	7.90	305	590	182	13.3		
9/29/1996	8.14	300	545	210	10.1		
9/30/1996	8.52	405	745	280	11.3		
10/1/1996	8.53	355	810	216	18.9	6.20	10.60
10/2/1996	8.46	370	830	282	12.5		
10/3/1996	8.44	370	740	218	11.4		
10/4/1996	8.28	280	610	175	12.5		
10/5/1996	8.33	435	780	283	12.6		
10/6/1996	8.26	365	640	191	13.0		
10/7/1996	8.84	450	860	255	15.3		
10/8/1996	8.81	345	685	250	18.0	8.40	7.30
10/9/1996	8.91	310	585	174	18.8		
###	9.01	280	680	184	20.5		
###	8.65	305	665	185	17.7		
###	8.70			347			
###	8.56	170	440	182	13.6		
###	8.91	265	625	266	15.1		
###	8.71	250	660	293	15.4	5.50	9.60
###	8.59	290	795	356	21.6		
###	8.59	160	720	243	17.1		
###	8.28	225	620	250	24.2		
###	8.27	340	670	305	18.4		
###	7.98	240	525	190	17.2		
###	8.19	305	725	229	24.2		
###	8.31	365	665	270	23.7	5.00	7.50
###	8.93	390	740	222	25.5		
###	8.30	265	695	234	24.6		
###	8.60	270	580	165	23.6		
###	6.61	375	760	323	18.6		
###	9.06	180	485	188	18.3		

###	8.35	315	595	218	18.6		
###	8.24	340	740	206	24.6	7.30	13.00
###	8.31	360	970	344	25.9		
###	8.09	355	805	256	25.3		
11/1/1996	8.00	370	735	280	26.4		
11/2/1996	8.03	415	765	270	26.6		
11/3/1996	7.65	190	575	184	22.7		
11/4/1996	7.81	305	585	202	25.6		
11/5/1996	7.61	315	690	250	28.3	5.90	12.10
11/6/1996	7.64	480	910	332	29.0		
11/7/1996	7.47	235	605	153	26.4		
11/8/1996	7.36	330	595	186	27.9		
11/9/1996	7.41	215	525	146	24.1		
###	7.33			140			
###	8.16	325	755	263	26.7		
###	8.11	430	905	319	29.8	7.60	10.90
###	7.96	460	755	202	28.8		
###	8.03	390	790	222	27.4		
###	7.90	495	870	254	27.2		
###	8.07	320	730	213	28.9		
###	8.24	310	625	192	24.9		
###	8.33	380	650	172	25.0		
###	8.00	380	800	314	27.3	6.70	18.90
###	7.94	520	885	261	30.8		
###	7.90	375	765	243	30.4		
###	7.89	305	665	282	28.8		
###	7.56	380	745	256	23.8		
###	7.77	250	695	175	27.1		
###	7.62	330	655	225	28.9		
###	7.53	315	615	180	29.0	7.20	10.60
###	7.52						
###	6.72	200	480	117	27.1		
###	6.80	250	450	135	32.0		
###	7.42	290	545	162	25.6		
12/1/1996	7.66	150	415	130	25.5		
12/2/1996	7.85	295	635	217	26.0		
12/3/1996	7.86	425	845	251	30.7	7.90	12.10
12/4/1996	8.07	390	925	230	29.8		
12/5/1996	7.89	225	785	242	34.9		
12/6/1996	7.61	405	770	260	33.9		
12/7/1996	7.72	360	860	334	26.7		
12/8/1996	7.61	380	675	239	28.8		
12/9/1996	7.81	455	820	269	36.8		
###	7.74	340	765	255	37.0	8.70	13.10

###	7.96	360	875	297	38.9		
###	7.36	330	750	200	29.8		
###	7.16	420	920	255	26.7		
###	6.73	435	1155	330	21.4		
###	6.74	285	550	199	18.2		
###	7.03	310	755	256	23.6		
###	7.48	265	635	220	30.1	3.40	4.70
###	7.48	355	770	252	31.6		
###	7.72	410	760	234	28.0		
###	7.44	385	795	262	26.5		
###	7.72	625	895	317	27.2		
###	6.93	275	530	178	25.8		
###	6.51	305	580	178	29.5		
###	6.62			426			
###	6.99	180	445	121	19.2		
###	8.32	250	740	293	32.0		
###	7.75	225	610	177	26.2		
###	7.11	315	675	244	20.0		
###	6.90	120	330	91	22.5		
###	7.16	260	585	161	26.1		
###	7.11						