

INFLUENT																																					
Date	Influent Flow (mgd)	Effluent Flow (mgd)	Acetic Acid	Alkalinity, Total (as CaCO3)	BOD Carbonaceous - Blended	BOD Total - Blended	Butyric Acid	Chemical Oxygen Demand	Chemical Oxygen Demand Diss (.45)	Chemical Oxygen Demand Diss (ff)	Chemical Oxygen Demand Diss (GF)	Isobutyric acid	Isovaleric acid	Nitrogen Ammonia as N	Nitrogen Ammonia as N Diss (.45)	Nitrogen Ammonia as N Diss (GF)	Nitrogen Kjeldahl as N	Nitrogen Kjeldahl as N Diss (.45)	Nitrogen Kjeldahl as N Diss (GF)	pH	Phosphate Ortho as PO4 Diss (.45)	Phosphorus Total as PO4	Phosphorus Total as PO4 Diss (.45)	Phosphorus Total as PO4 Diss (GF)	Phosphate Ortho as P Diss (.45)	Phosphorus Total as P	Phosphorus Total as P Diss (.45)	Phosphorus Total as P Diss (GF)	Propionic acid	Solids Total Suspended - Blended	Solids Volatile Suspended - Blended	Valeric acid	Nitrogen Nitrate as N (T&T) - end of TBOD	Nitrogen Nitrate as N (Test and Tube)	Nitrogen Nitrite as N		
	mgd	mgd	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	pH	mg/l	mg/l	mg/l	mg/l					mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
4/4/04	13.7		20	186	149	158	5	370	89	82	111	5	5	17.3	17.6	17.7	27.7	20.6	20.8	6.98	7.98	14	8.6	8.05	2.6	4.6	2.8	2.6	5	168	104	5	0	1.1	0.021		
4/5/04	14.0				190	204																															
4/6/04	14.1	31.2	189	165	179	5	510	109	80	95	5	5	18.6	19	18.9	28.8	21.8	21.9	7.1	7.96	16.1	8	8.4	2.6	5.3	2.6	2.7	5	260	156	5	0.3	3.6	1.406			
4/7/04	14.2				160	210																															
4/8/04	14.1	20	195	175	262	5	198	101	83	115	5	5	23.7	18.4	17.9	28.4	21.6	26.8	7.8	8.82	19.1	9.9	10.2	2.9	6.2	3.2	3.3	5	156	236	5	0.3	0.6	0.121			
4/9/04	16.3				160	194																															
4/10/04	17.4	20	189	116	145	5	276	78	51	94	5	5	12.1	12.1	12.1	21.3	14.3	14.7	7.69	6.74	12.05	7	6.75	2.2	3.9	2.3	2.2	5	196	120	5	0.3	0.4	0.017			
4/11/04	17.6				134	150																															
4/12/04	18.6	20	198	109	146	5	161	86	52	101	5	5	13.2	13	12.9	23.7	15.7	15.4	7.27	6.47	12.45	7.1	7.35	2.1	4.1	2.3	2.4	5	164	5	0.3	0.6	0.275				
4/13/04	17.8				150	151																															
4/14/04	17.1	20				5	192	91	65	115	5	5	14.6	14.6	14.7	25.1	16.9	17.7	7.17	7.3	15.05	7.45	8.2	2.4	4.9	2.4	2.7	5	176	5	0.3	0.3	0.014				
4/15/04	16.7				112	158																															
4/16/04	16.4	20	190	130	165	5	169	72	60	94	5	5	14.3	13.4	12.8	23.4	15.8	15.5	7.12	6.32	15.05	7.25	7.05	2.1	4.9	2.4	2.3	5	148	5	0.3	0.9	0.083				
4/17/04	15.8				118	148																															
4/18/04	15.6	20	188	127	140	5	171	85	71	107	5	5	13.4	13.7	13	21.1	16.7	15.8	7.15	6.4	14	6.75	7.2	2.1	4.6	2.2	2.4	5	204	112	5	0.3	0.3	0.001			
4/19/04	16.0				142	156																															
4/20/04	15.7	20	194	126	147	5	195	93	69	115	5	5	16	13.9	15.2	26.8	16.5	17.8	7.24	6.56	15.45	6.75	7.05	2.1	5.0	2.2	2.3	5	164	5	0.3	0.3	0.001				

		PST Effluent																																									
Date	Acetic Acid	Alkalinity, Total (as CaCO3)	BOD Carbonaceous - Blended	BOD Total - Blended	Butyric Acid	Chemical Oxygen Demand	Chemical Oxygen Demand Diss (.45)	Chemical Oxygen Demand Diss (ff)	Chemical Oxygen Demand Diss (GF)	Isobutyric acid	Isovaleric acid	Nitrogen Ammonia as N	Nitrogen Ammonia as N Diss (.45)	Nitrogen Ammonia as N Diss (GF)	Nitrogen Kjeldahl as N	Nitrogen Kjeldahl as N Diss (.45)	Nitrogen Kjeldahl as N Diss (GF)	pH	Phosphate Ortho as PO4 Diss (.45)	Phosphorus Total as PO4	Phosphorus Total as PO4 Diss (.45)	Phosphorus Total as PO4 Diss (GF)	Phosphate Ortho as P Diss (.45)	Phosphorus Total as P	Phosphorus Total as P Diss (.45)	Phosphorus Total as P Diss (GF)	Propionic acid	Solids Total Suspended - Blended	Solids Volatile Suspended - Blended	Valeric acid	Nitrogen Nitrate as N (T&T) - end of TBOD	Nitrogen Nitrate as N (Test and Tube)	Nitrogen Nitrite as N	PE TSS Removal (%)	PE BOD Removal (%)	PE CBOD Removal (%)	PE COD Removal (%)	PE TKN Removal (%)	PE P Removal (%)				
4/4/04	20	155	121	157	5	314	101	90	109	5	5	19.2	16.3	16	24.2	16.7	19.6	7.2	7.88	14	8.45	8.5	2.6	4.6	2.8	2.8	5	76	52	5	0	0.3	0.011	54.8%	0.6%	18.8%	15.1%	12.6%	0.0%				
4/5/04																																											
4/6/04	20	180	117	133	5	289	114	79	125	5	5	17	17	17.3	24.8	19.9	20.5	7.2	8.31	14.1	8.95	9.1	2.7	4.6	2.9	3.0	5	80	64	5	0.3	0.8	0.012	69.2%	25.7%	29.1%	43.3%	13.9%	12.4%				
4/7/04																																											
4/8/04	20	190	94	122	5	185	113	116	160	5	5	18.5	18.1	17.7	26.2	21.5	21.6		9.24	14.3	10.1	10.85	3.0	4.7	3.3	3.5	5	64	56	5	0.3	0.3	0.024	59.0%	53.4%	46.3%	6.6%	7.7%	25.1%				
4/9/04																																											
4/10/04	20	179	90	119	5	241	79	63		5	5	11.4	10.8	11.4	17.8	13.4	14.5	7.11	6.95	11.3	7.15	7.65	2.3	3.7	2.3	2.5	5	68	48	5	0.3	0.3	0.013	65.3%	17.9%	22.4%	12.7%	16.4%	6.2%				
4/11/04																																											
4/12/04	20	193	66	92	5	156	91	66	101	5	5	13	13.6	13.3	20.1	16.5	16.4	7.31	7.81	11.8	8.4	8.55	2.6	3.9	2.7	2.8	5	80	68	5	0.3	0.8	0.457		37.0%	39.4%	3.1%	15.2%	5.2%				
4/13/04																																											
4/14/04	20				5	201	88	67	114	5	5	14.6	13.6	14.4	21.5	16.2	17.6	7.23	7.35	11.65	7.65	8.3	2.4	3.8	2.5	2.7	5			5	0.3	0.3	0.013					-4.7%	14.3%	22.6%			
4/15/04																																											
4/16/04	20	188	79	98	5	149	69	70	103	5	5	13.9	13.9	13.5	20.7	16.6	16.8	7.22	6.17	12.25	8.3	7.7	2.0	4.0	2.7	2.5	5	76	48	5	0.3	1.1	0.396		40.6%	39.2%	11.8%	11.5%	18.6%				
4/17/04																																											
4/18/04	20	183	96	115	5	208	93	73	116	5	5	15.1	13.4	13	19.6	17.8	15.9	7.33	6	11.6	6.9	7.3	2.0	3.8	2.3	2.4	5	80	44	5	0.3	0.3	0.001	60.8%	17.9%	24.4%	-21.6%	7.1%	17.1%				
4/19/04																																											
4/20/04	20	189	84	99	5	200	93	73	107	5	5	15.6	15.8	15.3	21.7		18.6	7.23	6.51	11.95	6.9	7.2	2.1	3.9	2.3	2.4	5	68	52	5	0.3	0.3	0.001		32.7%	33.3%	-2.6%	19.0%	22.7%				