



CITY OF PORTLAND ENVIRONMENTAL SERVICES



Columbia Blvd. Wastewater Treatment Plant, 5001 N. Columbia Blvd., Portland, OR 97203-2098
(503) 823-2400, FAX (503) 823-2409

12 September 1994

Lyle Christensen, DEQ Northwest Region
2020 SW Fourth Avenue, Suite 400
Portland OR 97201-4959

Dear Mr. Christensen,

For August 23rd, we have no effluent BOD or TSS values.

Our effluent sampler failed that morning due to a broken pinch valve. The valve was repaired that day and the sampler put back in service the next day.

Please call me at 823-2318 if you have questions.

Sincerely,

Larry Erickson
Operations Manager
Tryon Creek WWTP

TRYON CREEK PLANT: CITY OF PORTLAND CLACKAMAS COUNTY
PLANT TYPE: ACTIVATED SLUDGE

PERMIT NO. 101012 (FILE 70735)

POPULATION SERVED: 31000

RECEIVING STREAM: WILLAMETTE RIVER

WASTEWATER TREATMENT PLANT MONITORING REPORT

WASTEWATER TREATMENT PROCESS CONTROL

NUTRIENTS

Date	FLOW		PLANT INFLUENT				PLANT EFFLUENT														ANAEROBIC DIGESTER				AERATION BASIN			Sldg Flow to			PLANT EFFLUENT			
																					Vol. Sol. Red. (%) 100.0				Sus			Pre Off CL2						
	INF	EFF	pH	BOD	Sol	Temp	pH	DO	BOD	Rem	Dis	TSS	Rem	Dis	Fed	Res	Coli /	Fec	Wk	pH	CO2	Alk	Temp	SVI	Sol	DO	cip	Site	Str	Total	TKN	NH3	NO3+	
	mgd	mgd	mg/l	mg/l	mg/l	oC	mg/l	mg/l	%	lbs	mg/l	%	lbs	mg/l	mg/l	mg/l	mg/l	100ml	G.M.	%	%	mg/l	oF	mg/l	mg/l	*	mgd	mgd	P	mg/l	mg/l	mg/l	mg/l	
Sep-94																																		
1	4.82	4.80	7.6	265	326	21	7.3	6.5	11	96	440	9	97	360	110	0.45								176	1561	1.8	0.00	0.022	0.00					
2	4.95	4.93	7.4	395	706		7.3		22	94	905	10	99	411	90	0.26								175	1614		0.00	0.018	0.00					
3	4.82	4.80	6.8	405	1022		7.0		13	97	521	12	99	481	100	0.45								203	1567	1.2	0.50	0.018	0.00					
4	4.79	4.75	7.0	680	985		7.4		15	98	595	7	99	278	130	0.51								203	1604	1.6	0.00	0.036	0.00					
5	4.94	4.91	7.1	460	615	20	7.4	6.4	13	97	532	13	98	532	150	0.52	2							201	1431	1.0	0.00	0.033	0.00					
6	5.32	5.29	7.4	380	1370	21	7.4	6.6	14	96	617	6	100	265	190	0.84	3							236	1609	0.9	0.00	0.032	0.00					
7	4.98	4.94	7.5	375	795	21	7.4	6.7	14	96	577	5	99	206	90	0.68	35							258	1819	0.3	0.00	0.036	0.00					
8	5.11	5.08	7.5	330	440	20	7.3	6.8	12	96	508	9	98	381	130	0.54								240	1562	1.4	0.35	0.033	0.00					
9	4.76	4.72	7.4	380	502		7.4		9	98	355	7	99	276	110	0.47								208	1428	1.1	0.15	0.035	0.00					
10	6.42	6.40	7.4	305	424		7.2		10	97	534	6	99	320	70	0.79								229	1168	1.0	0.00	0.018	0.00	3.02	13.50	9.99	42.80	
11	4.48	4.46	7.7	210	276		7.5		8	96	298	4	99	149	140	0.49								236	1355	0.4	0.00	0.018	0.00					
12	4.70	4.67	7.6	200	232	21	7.5	6.7	9	96	351	5	98	195	90	0.56	17							236	1510	1.3	0.00	0.028	0.00					
13	4.74	4.71	7.5	210	246	21	7.4		10	95	393	5	98	196	40	0.55	7							241	1283		0.00	0.029	0.00					
14	4.45	4.42	7.4	210	276	20	7.3	7.0	15	93	553	8	97	295	50	0.83	5							355	1548	1.3	0.00	0.030	0.00					
15	4.60	4.57	7.6	210	298	20	7.4	7.1				6	98	229		0.55	7							317	1710	0.7	0.00	0.028	0.00					
16	4.62	4.59	7.5	250	258	20	7.5	7.3				9	97	345		0.41								311	1480	0.2	0.00	0.029	0.00					
17	4.64	4.61	7.4	230	248	20	7.5	7.2				8	97	308	160	0.41								352	1455	0.2	0.00	0.030	0.00	2.00	12.50	13.00	29.34	
18	4.49	4.46	7.4	270	334	20	7.5	7.4	34	87	1265	6	98	223		0.41								318	1620	0.6	0.00	0.030	0.00					
19	4.53	4.52	7.8	210	247		7.5		52	75	1959	13	95	490		0.53	82							278	1455		0.00	0.012	0.00					
20	4.55	4.53	7.9	230	299	20	7.4	7.8	17	93	643	5	98	189	170	0.59	186							301	1617	0.6	0.00	0.018	0.00					
21	4.51	4.48	7.7	200	312	21	7.4	7.4	17	92	635	8	97	299	80	0.52	100							279	1681	0.5	0.00	0.030	0.00					
22	4.40	4.37	7.8	250	290		7.4					10	97	365	140	0.59	42							259	1656		0.00	0.027	0.00					
23	4.44	4.41	7.6	230	246	20	7.6	6.9	8	97	294	5	98	184	70	0.33								246	1505	0.5	0.00	0.028	0.00					
24	4.47	4.43	7.7	200	238		7.5		9	96	333	7	97	259	60	0.46								233	1393	0.2	0.00	0.036	0.00	2.49	13.90	11.70	2.80	
25	4.45	4.41	7.6	220	222		7.6		11	95	405	1	100	37	120	0.39								276	1685	0.3	0.00	0.036	0.00					
26	4.61	4.59	7.6	210	284		7.5		9	96	344	3	99	115	100	0.41	164							223	1330	1.0	0.00	0.024	0.00					
27	4.52	4.47	7.5	240	240	20	7.3	6.2	8	97	298	3	99	112	100	0.20	84							237	1639	1.1	0.00	0.055	0.00					
28	4.24	4.20	7.4	310	406	20	7.3	6.5	7	98	245	11	97	386	20	0.26	78							251	1652	0.8		0.036	0.00					
29	4.44	4.42	7.6	200	196		7.3		6	97	221	8	96	295	140	0.52								226	1448	0.5	0.00	0.018	0.00					
30	4.51	4.47	7.4	200	216	20	7.3	7.3	4	98	149	4	98	149	140	0.63								240	1656	0.9	0.00	0.042	0.00	1.96	12.40	8.96	4.71	
Max	6.42	6.40	7.9	680	1370	21	7.6	7.8	52	98	1959	13	100	532	190	0.84	186	89	0.0	0	0	0	355	1819	1.8	0.50	0.055	0.00	3.02	13.90	13.00	42.80		
Min	4.24	4.20	6.8	200	196	20	7.0	6.2	4	75	149	1	95	37	20	0.20	2	6	0.0	0	0	0	175	1168	0.2	0.00	0.000	0.00	1.96	12.40	8.96	2.80		
Avg	4.71	4.68		282	418	20		6.9	14	95	537	7	98	278	107	0.51	26	35	0.0	0	0	0	251	1535	0.8	0.03	0.028	0.00	2.37	13.08	10.91	19.91		
Sum	141.30	140.43													2790											1.00	0.866	0.00						

PLANT EFFLUENT PERMIT STANDARDS: pH 6.0-9.0; Fecal Coli 200/100 CL2 Res. 1.0 (Daily Max)

*Sus Sol 20/ 30 mg/l Sus Sol Discharged 1384/ 2077 lbs

*BOD 20/ 30 mg/l BOD Discharged 1384/ 2077 lbs

*May 1 - October 31 / November 1 - April 30

Remarks: (Improvements, Operational Changes, Weed Control Programs, Etc.)

Influent BOD5 is a Blended Sample Sludge Hauled to Columbia Blvd WTP

I certify that I am familiar with the information contained in this report and that to the best of my knowledge such information is true and complete.

Name and Title: Larry K. Erickson
Operations Manager

Signature: *Larry K. Erickson*

All Test Data Subject to Variability of Test

Page 1									
Date Sep-94	Plant Effluent Nutrients				Flow		Weather		
	Total P	NH3-N	NO3 + NO2-N	TKN	Portland	Lake Oswego	Temperature		Precip
	mg/l	mg/l	mg/l	mg/l	mgd	mgd	Max o F	Min o F	"
9/1/94					2.45	2.37			0.00
9/2/94					2.51	2.44	81	46	0.00
9/3/94					2.54	2.28	77	59	0.50
9/4/94					2.44	2.35	80	54	0.00
9/5/94					2.51	2.43	92	53	0.00
9/6/94					2.53	2.79	93	53	0.00
9/7/94					2.48	2.50	89	52	0.00
9/8/94					2.63	2.48	71	56	0.35
9/9/94					2.44	2.32	76	52	0.15
9/10/94	3.02	9.99	42.80	13.50	3.22	3.20			0.00
9/11/94					2.19	2.29	74	53	0.00
9/12/94					2.21	2.49	77	48	0.00
9/13/94					2.23	2.51	83	47	0.00
9/14/94					2.08	2.37	81	58	0.00
9/15/94					2.15	2.45	84	54	0.00
9/16/94					2.19	2.43	93	54	0.00
9/17/94	2.00	13.00	29.34	12.50	2.20	2.44	91	51	0.00
9/18/94					2.13	2.36	82	55	0.00
9/19/94					2.13	2.40	84	54	0.00
9/20/94					2.09	2.46	85	55	0.00
9/21/94					2.10	2.41	93	57	0.00
9/22/94					2.06	2.34	96	56	0.00
9/23/94					2.08	2.36	96	52	0.00
9/24/94	2.49	11.70	2.80	13.90	2.12	2.35	90	52	0.00
9/25/94					2.14	2.31	84	51	0.00
9/26/94					2.30	2.31	82	55	0.00
9/27/94					2.10	2.42	87	51	0.00
9/28/94					1.96	2.28			
9/29/94					2.03	2.41	87	5	0.00
9/30/94	1.96	8.96	4.71	12.40	2.07	2.44	73	59	0.00
Max	3.02	13.00	42.80	13.90	3.22	3.20	96	59	0.50
Min	1.96	8.96	2.80	12.40	1.96	2.28	71	5	0.00
Avg	2.37	10.91	19.91	13.08	2.28	2.43	84	52	0.03
Sum					68.31	72.99			1.00

Page 2	PRIMARY TREATMENT															
	INFLUENT								EFFLUENT							
	Date Sep-94	Flow		Susp Sol.		BOD5		Pop	Temp	pH	Susp Sol.		BOD5		Det	No.
		mgd	mg/l	lbs	mg/l	lbs	Equiv	oC		mg/l	lbs	mg/l	lbs	Time	Basins	
														hrs	On	
9/1/94	4.82	326	13105	265	10653	62663	21	7.6					3.5	3		
9/2/94	4.95	706	29146	395	16307	95922		7.4					3.4	3		
9/3/94	4.82	1022	41083	405	16281	95768		6.8					3.5	3		
9/4/94	4.79	985	39349	680	27165	159794		7.0					3.6	3		
9/5/94	4.94	615	25338	460	18952	111481	20	7.1					3.4	3		
9/6/94	5.32	1370	60785	380	16860	99177	21	7.4					3.2	3		
9/7/94	4.98	795	33019	375	15575	91617	21	7.5					3.4	3		
9/8/94	5.11	440	18752	330	14064	82728	20	7.5					3.3	3		
9/9/94	4.76	502	19929	380	15085	88738		7.4					3.6	3		
9/10/94	6.42	424	22702	305	16331	96062		7.4					2.6	3		
9/11/94	4.48	276	10312	210	7846	46155		7.7					5.1	4		
9/12/94	4.70	232	9094	200	7840	46115	21	7.6					4.8	4		
9/13/94	4.74	246	9725	210	8302	48833	21	7.5					4.8	4		
9/14/94	4.45	276	10243	210	7794	45845	20	7.4					5.1	4		
9/15/94	4.60	298	11432	210	8056	47391	20	7.6					4.9	4		
9/16/94	4.62	258	9941	250	9633	56663	20	7.5					3.7	3		
9/17/94	4.64	248	9597	230	8900	52356	20	7.4					3.7	3		
9/18/94	4.49	334	12507	270	10111	59474	20	7.4					3.8	3		
9/19/94	4.53	247	9332	210	7934	46670		7.8					3.7	3		
9/20/94	4.55	299	11346	230	8728	51340	20	7.9					3.7	3		
9/21/94	4.51	312	11735	200	7523	44251	21	7.7					3.8	3		
9/22/94	4.40	290	10642	250	9174	53965		7.8					3.9	3		
9/23/94	4.44	246	9109	230	8517	50099	20	7.6					3.8	3		
9/24/94	4.47	238	8873	200	7456	43859		7.7					3.8	3		
9/25/94	4.45	222	8239	220	8165	48029		7.6					3.8	3		
9/26/94	4.61	284	10919	210	8074	47494		7.6					3.7	3		
9/27/94	4.52	240	9047	240	9047	53219	20	7.5					3.8	3		
9/28/94	4.24	406	14357	310	10962	64483	20	7.4					4.0	3		
9/29/94	4.44	196	7258	200	7406	43564		7.6					3.8	3		
9/30/94	4.51	216	8124	200	7523	44251	20	7.4					3.8	3		
Max	6.42	1370	60785	680	27165	159794	21	7.9					5.1	4		
Min	4.24	196	7258	200	7406	43564	20	6.8					2.6	3		
Avg	4.71	418	16835	282	11209	65934	20						3.8	3		
Sum	141.30		505041		336261											

Page 3											
	SECONDARY EFFLUENT										
Date	Flow	Susp Sol.		BOD5		FCSS		SBD	RSSS	Ovr-flow	No.
Sep-94	mgd	mg/l	lbs	mg/l	lbs	mg/l	lbs	ft	mg/l	Rate	Basins
										gpd / ft2	On
9/1/94	4.80	57	2281	72	2881	1035	15711	2.1		318	2
9/2/94	4.93	64	2633	66	2715	1255	19051	2.6		327	2
9/3/94	4.80	84	3364	64	2563	1296	19673	2.6		318	2
9/4/94	4.75	62	2458	64	2537	1205	18292	2.7		315	2
9/5/94	4.91	78	3192	62	2537	1560	23681	2.9		325	2
9/6/94	5.29	38	1676	76	3352	1327	20144	2.9		351	2
9/7/94	4.94	40	1649	50	2062	1450	22011	3.6		328	2
9/8/94	5.08	44	1863	44	1863	1233	18717	3.6		337	2
9/9/94	4.72	50	1970	108	4256	1479	22451	2.7		313	2
9/10/94	6.40	66	3524	40	2136	1889	28675	4.8		425	2
9/11/94	4.46	42	1563	40	1489	1997	30314	3.6		296	2
9/12/94	4.67	32	1247	40	1559	1664	25260	3.8		310	2
9/13/94	4.71	20	786	40	1572	1884	28599	3.0		312	2
9/14/94	4.42	25	922	40	1475	1957	29707	2.6		293	2
9/15/94	4.57	26	991	40	1525	1759	26702	3.3		303	2
9/16/94	4.59	35	1340	40	1532	1430	21707	3.5		305	2
9/17/94	4.61	22	846	40	1538	1721	26125	4.4		306	2
9/18/94	4.46	6	223	40	1488	1916	29085	4.9		296	2
9/19/94	4.52	16	603	40	1507	2006	30451	4.6		300	2
9/20/94	4.53	11	416	40	1512	1728	26231	4.3		301	2
9/21/94	4.48	11	411	40	1495	2068	31392	4.3		297	2
9/22/94	4.37	8	292	40	1459	2222	33730	4.8		290	2
9/23/94	4.41	12	442	40	1472	1969	29889	3.6		293	2
9/24/94	4.43	13	481	40	1479	2228	33821	4.3		294	2
9/25/94	4.41	9	331	40	1473	2275	34535	5.1		293	2
9/26/94	4.59	13	497	40	1530	2392	36311	4.2		304	2
9/27/94	4.47	10	372	40	1490	1847	28037	4.1		296	2
9/28/94	4.20	9	316	40	1402	2054	31180	4.2		279	2
9/29/94	4.42	13	479	40	1475	1990	30208	3.9		293	2
9/30/94	4.47	6	224	30	1118	1313	19931	3.3		296	2
Max	6.40	84	3524	108	4256	2392	36311	5.1		425	2
Min	4.20	6	223	30	1118	1035	15711	2.1		279	2
Avg	4.68	31	1246	48	1883	1738	26387	3.7		310	2
Sum	140.43		37391		56488						

Page 4											8				
	PLANT EFFLUENT														
Date Sep-94	FLOW	SUS SOL			BOD5			CL2			142 32 12	DO	Ph	FLOW	
mgd	mg/l	lbs	% Rem	mg/l	lbs	% Rem	Contact hrs	Feed lbs/day	Res mg/l	mg/l					SU
9/1/94	4.80	9	360	97	11	440	96	3.5	110	0.5			6.5	7.3	0.00
9/2/94	4.93	10	411	99	22	905	94	3.4	90	0.3				7.3	0.00
9/3/94	4.80	12	481	99	13	521	97	3.5	100	0.5		38		7.0	0.00
9/4/94	4.75	7	278	99	15	595	98	3.5	130	0.5				7.4	0.00
9/5/94	4.91	13	532	98	13	532	97	3.4	150	0.5	2		6.4	7.4	0.00
9/6/94	5.29	6	265	100	14	617	96	3.2	190	0.8	3		6.6	7.4	0.00
9/7/94	4.94	5	206	99	14	577	96	3.4	90	0.7	35		6.7	7.4	0.00
9/8/94	5.08	9	381	98	12	508	96	3.3	130	0.5			6.8	7.3	0.00
9/9/94	4.72	7	276	99	9	355	98	3.6	110	0.5				7.4	0.00
9/10/94	6.40	6	320	99	10	534	97	2.6	70	0.8		6		7.2	0.00
9/11/94	4.46	4	149	99	8	298	96	3.8	140	0.5				7.5	0.00
9/12/94	4.67	5	195	98	9	351	96	3.6	90	0.6	17		6.7	7.5	0.00
9/13/94	4.71	5	196	98	10	393	95	3.6	40	0.6	7			7.4	0.00
9/14/94	4.42	8	295	97	15	553	93	3.8	50	0.8	5		7.0	7.3	0.00
9/15/94	4.57	6	229	98				3.7		0.6	7		7.1	7.4	0.00
9/16/94	4.59	9	345	97				3.7		0.4			7.3	7.5	0.00
9/17/94	4.61	8	308	97				3.7	160	0.4		8	7.2	7.5	0.00
9/18/94	4.46	6	223	98	34	1265	87	3.8		0.4			7.4	7.5	0.00
9/19/94	4.52	13	490	95	52	1959	75	3.7		0.5	82			7.5	0.00
9/20/94	4.53	5	189	98	17	643	93	3.7	170	0.6	186		7.8	7.4	0.00
9/21/94	4.48	8	299	97	17	635	92	3.8	80	0.5	100		7.4	7.4	0.00
9/22/94	4.37	10	365	97				3.8	140	0.6	42			7.4	0.00
9/23/94	4.41	5	184	98	8	294	97	3.8	70	0.3			6.9	7.6	0.00
9/24/94	4.43	7	259	97	9	333	96	3.8	60	0.5		89		7.5	0.00
9/25/94	4.41	1	37	100	11	405	95	3.8	120	0.4				7.6	0.00
9/26/94	4.59	3	115	99	9	344	96	3.7	100	0.4	164			7.5	0.00
9/27/94	4.47	3	112	99	8	298	97	3.8	100	0.2	84		6.2	7.3	0.00
9/28/94	4.20	11	386	97	7	245	98	4.0	20	0.3	78		6.5	7.3	0.00
9/29/94	4.42	8	295	96	6	221	97	3.8	140	0.5				7.3	0.00
9/30/94	4.47	4	149	98	4	149	98	3.8	140	0.6			7.3	7.3	0.00
Max	6.40	13	532	100	52	1959	98	4.0	190	0.8	186.0	89.5	7.8	7.6	0.00
Min	4.20	1	37	95	4	149	75	2.6	20	0.2	2.0	5.9	6.2	7.0	0.00
Avg	4.68	7	278	98	14	537	95	3.6	107	0.5	25.9	35.3	6.9		0.00
Sum	140.43		8327			13970			2790						0.00

[illegible]

[illegible]

Page 7	SLUDGE PROCESSING													
	Thickened Primary Sludge				WAS			Gravity Belt			TWAS			TPS + Twas
	Dig Feed gal	Tot Sol %	Vol Sol %	Vol Content %	Flow mgd	Susp. Sols mg/l	lbs	Capture %	Filtrate mg/l	Poly lbs	Total Sols. %	lbs	Gal Hauled	Sludge Disp Off Site MGD
Date Sep-94														
9/1/94					0.045	13040	4884				5.79	5056	10470	0.0225
9/2/94					0.000	13000	0				5.00	0	0	0.0180
9/3/94					0.000		0					0	0	0.0180
9/4/94					0.000		0					0	0	0.0360
9/5/94		5.55	4.61	83.1	0.054	14247	6412				5.46	7008	15390	0.0334
9/6/94					0.057	18010	8611				5.51	6493	14130	0.0321
9/7/94					0.000		0					0	0	0.0360
9/8/94					0.050	11880	4954				5.35	6693	15000	0.0330
9/9/94		4.43	3.81	86.0	0.052						5.25	7540	17220	0.0352
9/10/94					0.000		0					0	0	0.0180
9/11/94					0.000		0					0	0	0.0180
9/12/94					0.051	13440	5704				5.79	7717	15980	0.0280
9/13/94					0.051	13140	5603				4.79	6799	17020	0.0290
9/14/94					0.000		0					0	0	0.0300
9/15/94					0.058	12456	6015				5.59	7660	16430	0.0284
9/16/94					0.040	9890	3337				4.16	3695	10650	0.0287
9/17/94					0.000		0					0	0	0.0300
9/18/94					0.000		0					0	0	0.0300
9/19/94					0.000		0					0	0	0.0120
9/20/94					0.000	12712	0				3.08	0	0	0.0180
9/21/94					0.000		0					0	0	0.0300
9/22/94					0.046	15110	5797				5.57	6898	14850	0.0269
9/23/94					0.039	13953	4591				6.41	5389	10080	0.0281
9/24/94					0.000		0					0	0	0.0360
9/25/94					0.000		0					0	0	0.0360
9/26/94					0.081	15613	10558				5.00	10108	24240	0.0242
9/27/94					0.057	13900	6609				5.20	8110	18700	0.0547
9/28/94					0.000	15596	0				4.92	0	0	0.0360
9/29/94					0.000	11750	0				5.57	0	0	0.0180
9/30/94					0.000	12916	0				5.62	0	0	0.0420
Max		5.55	4.61	86.0	.081	18010	10558				6.41	10108	24240	0.055
Min		4.43	3.81	83.1	.000	9890	0				3.08	0	0	0.012
Avg		4.99	4.21	84.6	.023	13568	2520				5.23	2972	6672	0.029
Sum					.682		73074					89165	200160	0.866

MONTHLY REPORT SUMMARY

PRIMARY TREATMENT

Influent			Effluent		Rem	Primary			
	mg/l	lbs/ day	mg/l	lbs/ day	%	Feed Sludge			
S S	418	16835	0	0	100	Flow gal/ day	Total Solids %	Volatile Content %	
BOD5	282	11209	0	0	100	0	4.99	84.6	
Detent Time hrs		Population Equivalent		Flow mgd	Precip "	Detention Time days		Loading lbs VS / ft3 /day	
3.8		65934		4.71	1	#DIV/O!		0.00	
SECONDARY TREATMENT									
	Influent		Effluent		Rem				
	mg/l	lbs/ day	mg/l	lbs/ day	%	Total Solids %	Volatile Content %	Vol Sol Reduct %	
S S	418	16835	7	278	98	0.00	0.0	100.0	
BOD5	282	11209	14	537	95				
F/M	SVI		SRT days	MLSS mg/l					
0.00	251		58.1	1535		Total Solids (TWS) %	Capture %	Filtrate Solids mg/l	
RAS Flow mgd		CL2 Res mg/l		CL2 Feed lbs/day		5.23	0.00	0	
0.65		0.5		107		Sludge Hauled			
		Aerator				gal/day	lbs /day	lbs/mo	
WAS Flow mgd		Detention Time hrs		Aerator DO mg/l		Digst	22200	0	0
.023		6.6		0.8		TWS	6672	2908	0
						Total	28872	2908	0