179184

Bench Sheets
July -1985

059569

059570

Flow 2210000
Air Temp. - F° 54°

4.03 1.15

Date 7-31
8-1

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°	87°	80°	D.O. = 3.2	80°
pH	7.6	6.5	7.3	7.3
Turbidity JTU	Grab	Grab	Composite	Composite
Filtered Wt. Original Wt.	(10) 457 612 / 22.2396 21.9552	(25) 57 35 / 20.8947 20.0729	(50) 441 670 / 21.9278 21.4507	(50) 73 80 / 21.6463 21.7873
	61 60	10 6	163 183	10 7
Ave. Wt.	60.5	8		8.5
Ashed Wt. Original Wt.	434 88 / 2.2396 1.9552	51 30 / 0.8947 0.0729	328 58 / 1.9278 1.4507	6 5 / 1.6463 1.7873
	38 36	4 1	50 51	3 2
Ave. Wt.	37	2.5	50.5	2.5
Solids	PPM / #/day	PPM / #/day	PPM / X 2.58	PPM / #/day
T.S.S.	605 / 11164	32 / 591	1630 / 4205	17 / 314
T.F.S.	370 / 6828	10 / 185	505 / 1303	5 / 92
T.V.S.	235 / 4336	22 / 406	1125 / 2902	12 / 222
	(25)	TOTAL SOLIDS (25)	(25)	(25)
Final Wt. Tare Wt.	333 / 49.6035	6254 / 50.5980	660 / 52.7074	369 / 52.1213
PPM	298 / 1192	274 / 1096	586 / 2344	156 / 624
	11164 - 591 = 10573 : 94.7	SET SOLIDS	4205 - 314 = 3891 : 92.5	Overall % Red.
	P' T.S.S. % Red.	31 − 7 = 24 mg/L	S' T.S.S. % Red.	T.S.S.
	P' JTU % Red.		Dissolved Solids 607	11164 - 314 = 10850 : 97.2
	B.P. Total Solids # Day	Kenyon		

$$21.\overset{4000}{\underset{15}{\underline{3985}}}$$

$$22.\overset{28}{\underset{16}{\underline{3812}}}$$

$15.5 \times 2 = 31$

$$22.785\overset{4}{\underset{3}{\underline{1}}}$$

$$20.8374\overset{8}{\underset{4}{\underline{}}}$$

$3.5 \times 2 = 7$

059571

Flow 2152100 4.03 1.15 Date 7-30/31-85

Air Temp. - F° 65°

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°	86°	81°	D.O. = 3.3	81°
pH	7.4	6.1	7.3	7.3
Turbidity JTU	Grab	Grab	Composite	Composite
Filtered Wt. Original Wt.	(10) 71 500 / 22.8124 20.8457	(25) 40 26 / 21.5428 23.2611	(10) 197 293 / 22.8028 22.4132	(50) 76 80 / 23.6668 21.4076
	47 43	12 15	169 161	8 4
Ave. Wt.	45	13.5	165	6
Ashed Wt. Original Wt.	46 78 / 2.8124 0.8457	31 6 / 1.5428 3.2611	82 82 / 2.8028 2.4132	70 7 / 3.6668 1.4076
	22 21	3 5	52 50	2 1
Ave. Wt.	21.5	4	51	1.5
Solids	PPM / #/day	PPM / #/day	PPM / X 2.58	PPM / #/day
T.S.S.	450 / 8079	54 / 969	1650 / 4257	12 / 215
T.F.S.	215 / 3860	16 / 287	510 / 1314	3 / 54
T.V.S.	235 / 4219	38 / 682	1140 / 2941	9 / 161
Final Wt. Tare Wt.	(25) 829 / 52.3117	TOTAL SOLIDS (25) 789 / 51.4516	(25) 8566 / 53.7953	(25) 9034 / 53.8859
PPM	712 / 2848	273 / 1092	613 / 3452	175 / 700
	8079 - 969 = 7110 : 88.0 P' T.S.S. % Red.	SET SOLIDS 15 − 1 = 14 mg/L	4257 - 215 = 4042 : 94.9 S' T.S.S. % Red.	Overall % Red. T.S.S.
	P' JTU % Red.		Dissolved Solids 688	8079 - 215 = 7864 = 97.3
	B.P. Total Solids # Day	Zenyon		

D. Sw
pH 2:00 PM
.2 mg/L

$21.1059\frac{67}{8}$

$22.7318\frac{25}{7}$

$7.5 \times 2 = 15$

$22.1899\frac{900}{1}$

$22.3256\frac{7}{1}$

$.5 \times 2 = 1$

Flow 2282400 4.03 1.15 Date 7-24/30-85

Air Temp. - F° 60°

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°	85°	81°	D.O. = 3.7	81°
pH	8.0	6.9	7.6	7.6
Turbidity JTU	Grab	Grab	Composite	Composite
Filtered Wt. / Original Wt.	87 / 22.9870 — 50 / 22.6531	27 / 21.8302 — 77 / 22.7246	473 / 22.1309 — 516 / 20.6359	7 / 21.3354 — 4 / 23.2241
	17 — 19	25 — 31	164 — 157	3 — 3
Ave. Wt.	18	28	160.5	3
Ashed Wt. / Original Wt.	7 / 2.9870 — 41 / 2.6531	17 / 1.8302 — 63 / 2.7246	70 / 2.1309 — 419 / 0.6359	- / 1.3354 — - / 3.2241
	7 — 10	15 — 17	61 — 60	
Ave. Wt.	8.5	16	60.5	0
Solids	PPM / #/day	PPM / #/day	PPM / X 2.58	PPM / #/day
T.S.S.	180 / 3427	112 / 2132	1605 / 4141	6 / 114
T.F.S.	85 / 1618	64 / 1218	605 / 1561	— / —
T.V.S.	95 / 1809	48 / 914	1000 / 2580	6 / 114
	(25)	TOTAL SOLIDS (25)	(25)	(25)
Final Wt. / Tare Wt.	51.0173 / 50.9958	792 / 51.9507	689 / 52.4003	6000 / 50.5809
PPM	215 / 860	285 / 1140	686 / 2744	191 / 764
	3427 - 2132 = 1295 : 37.8 P' T.S.S. % Red.	SET SOLIDS 8 - 0 = 8 mg/L	4141 - 114 = 4027 : 97.2 S' T.S.S. % Red.	Overall % Red. T.S.S.
	P' JTU % Red.		Dissolved Solids 758	3427 - 114 = 3313 : 96.7
	B.P. Total Solids # Day	Kenyon		

059572

22.8163 $\quad$ 22.3340

$4 \times 2 = 8$

22.3579 $\quad$ 21.4258

0

059573

Flow 2061800 4.03 1.15 Date 7-28/29-85
Air Temp. - F° 64°

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°	86°	83°	D.O. = 2.7	83°
pH	7.7	6.1	7.4	7.4
Turbidity JTU	Grab	Grab	Composite	Composite
Filtered Wt. / Original Wt.	117 / 21.7012 — 916 / 22.3823	99 / 21.4081 — 44 / 22.5429	300 / 21.7107 — 711 / 22.8521	7 / 21.8306 — 3 / 21.9551
	105 — 93	18 — 15	193 — 190	1 — 2
Ave. Wt.	99	16.5	191.5	1.5
Ashed Wt. / Original Wt.	85 / 1.7012 — 91 / 2.3823	5 / 1.4081 — 31 / 2.5429	70 / 1.7107 — 76 / 2.8521	— / 1.8306 — — / 1.9551
	73 — 68	4 — 2	63 — 55	
Ave. Wt.	70.5	3	59	0
Solids	PPM — #/day	PPM — #/day	PPM — X 2.58	PPM — #/day
T.S.S.	990 — 17029	66 — 1135	1915 — 4941	3 — 52
T.F.S.	705 — 12127	12 — 206	590 — 1522	—
T.V.S.	285 — 4902	49 — 929	1325 — 3419	3 — 52
	(24)	TOTAL SOLIDS (24)	(25)	(25)
Final Wt. / Tare Wt.	52.0421 / 51.9854	6268 / 50.5977	8324 / 50.7628	231 / 49.6028
PPM	567 / 2268	291 / 1164	696 / 2784	203 / 812
	17029 - 1135 = 15894 = 93.3 P' T.S.S. % Red.	SET SOLIDS 10 − 0 = 10 mg/L	4941 - 52 = 4889 = 99.0 S' T.S.S. % Red.	Overall % Red. T.S.S.
	P' JTU % Red.		Dissolved Solids 809	17029 - 52 = 16977 = 99.7
	B.P. Total Solids # Day	Kenyon		

$$20.07\overset{5}{\underset{5}{\underline{40}}} \qquad 22.65\overset{42}{\underset{5}{\underline{37}}}$$

$5 \times 2 = 10$

$$22.3\overset{-}{4}59 \qquad 21.8\overset{-}{1}40$$

0

059574

Flow 23356.00
Air Temp. - F° 100

4.00 1.15

Date 7. 27/20. 85

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
amp. F°		97° / 82°	D.O. = 3.5	71° / 93°
pH			7.30	7.52
Turbidity JTU			COMPOSITE	COMPOSITE
Filtered Wt. Original Wt.			3.0022 / 22.7873 — 116 / 22.7250	6 / 20.8953 — 9 / 21.3687
Ave. Wt.			149 / 158 — 154	3 / 2 — 3
Ashed Wt. Original Wt.			919 / 21.8813 — 97 / 22.7250	— / 20.8953 — — / 21.3687
Ave. Wt.			46 / 47 — 46.5	0
Solids	PPM / #/day	PPM / #/day	PPM / X 2.58	PPM / #/day
T.S.S.			1540 / 3973	6 / 117
T.F.S.			465 / 1200	
T.V.S.			1075 / 2773	
		TOTAL SOLIDS		
Final Wt. Tare Wt.			645 / 62.1212	245 / 62.7676
PPM			633 / 2532	109 / 676
		SET SOLIDS	3973 − 117 = 3856 = 97%	Overall % Red.
	P' T.S.S. % Red.	0 − 0 = 0 mg/L	S' T.S.S. % Red.	T.S.S.
	P' JTU % Red.		Dissolved Solids 676	
	B.P. Total Solids # Day	in man		

S.I. 22 1315 22 3354

0

S.II. 21 7087 22 8176

0

Flow 2500700 4.03 1.15 Date 7.26/27.85
Air Temp. - F° 64°

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°		94° / 89°	D.O. = 2.4	93° / 87°
pH			7.40	7.54
Turbidity JTU			COMPOSITE	COMPOSITE
Filtered Wt. Original Wt.			262 550 22.4177 22.2379	6 22.3815 22.2249
Ave. Wt.			12 151 143	1 1
Ashed Wt. Original Wt.			39 456 22.4137 22.2314	– 22.3815 22.2249
Ave. Wt.			52 57 55	0
Solids	PPM #/day	PPM #/day	PPM X 2.58	PPM #/day
T.S.S.			1430 3689	2 42
T.F.S.			550 1419	0 0
T.V.S.			880 2270	2 42
		TOTAL SOLIDS		
Final Wt. Tare Wt.			743 51.1188	282 54.4110
PPM			503 (1297)	172 (444)
	P' T.S.S. % Red.	SET SOLIDS 0 - 0 0 mg/L	3689 - 42 3647 - 98.9 S' T.S.S. % Red.	Overall % Red. T.S.S.
	P' JTU % Red.		Dissolved Solids (686)	
	B.P. Total Solids # Day	[illegible]		

C5957

S.I. 21.4078 21.9283

S.II. 22.0412 23.6102

$$22.33\overset{60}{\underline{58}}_{2} \qquad 20.07\overset{5}{\underline{43}}_{2}$$

$$2 \times 2 = 4$$

$$\overset{-}{22.4107} \qquad \overset{-}{21.6794}$$

$$0$$

059577

Flow 2615300 4.03 1.15 Date 7-24/25-85
Air Temp. - F° 75°

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°	86°	81°	D.O. = 1.0	81°
pH	7.8	6.4	7.4	7.4
Turbidity JTU	Grab	Grab	Composite	Composite
Filtered Wt. Original Wt.	(10) 1730 4991 22.0399 22.3796	(25) 44 5 22.4137 23.2251	(10) 182 178 21.4080 21.4080	(25) 51 89 20.8942 22.5479
	1331 1195	7 4	102 98	9 10
Ave. Wt.	1263	5.5	100	9.5
Ashed Wt. Original Wt.	1415 4734 2.0399 2.3796	— — 2.4137 3.2251	109 109 1.4080 1.4080	— — 0.8942 2.5479
	1016 938	0	29 29	0
Ave. Wt.	977		29	
Solids	PPM #/day	PPM #/day	PPM X 2.58	PPM #/day
T.S.S.	12630 276307	22 481	1000 2580	19 416
T.F.S.	9770 213738	— —	290 748	— —
T.V.S.	2860 62569	22 481	710 1832	19 416
	(25)	TOTAL SOLIDS (25)	(25)	(25)
Final Wt. Tare Wt.	9581 49.6038	951 50.7634	6440 50.5976	368 51.1185
PPM	3543 14,172	317 1268	464 1856	183 732
	276307 - 481 = 275826 = 99.8	SET SOLIDS	2580 - 416 = 2164 = 88.9	Overall % Red.
	P' T.S.S. % Red.	- 18 2 = 16 mg/L	S' T.S.S. % Red.	T.S.S.
	P' JTU % Red.	Y Jenyon	Dissolved Solids 713	276307 - 416 = 275891 = 99.8
	B.P. Total Solids # Day			

$$21.92\overset{93}{\underline{84}}_{9} \qquad 21.36\overset{9}{\underline{90}}_{9}$$

$9 \times 2 = 18$

$$22.8\overset{-}{\underline{126}}_{0} \qquad 22.8\overset{2}{\underline{130}}_{2}$$

$1 \times 2 = 2$

0595578

Flow 2712800 4.03 1.15 Date 7-23/24-85

Air Temp. - F° 60°

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°	86°	81°	D.O.= 1.4	81°
pH	7.8	6.5	7.4	7.4
Turbidity JTU	Grab	Grab	Composite	Composite
Filtered Wt. Original Wt.	(10) 209 340 22.8149 22.6280	(25) 96 14 22.9081 21.7005	(10) 188 601 21.7097 22.8511	(50) 32 9 22.6527 22.3815
	60 60	15 9	91 90	5 4
Ave. Wt.		12	90.5	4.5
Ashed Wt. Original Wt.	70 301 2.8149 2.6280	2 — 2.9081 1.7005	119 32 1.7097 2.8511	— — 2.6527 2.3815
	21 21	1 0	22 21	
Ave. Wt.		.5	21.5	0
Solids	PPM #/day	PPM #/day	PPM X 2.58	PPM #/day
T.S.S.	600 13577	48 1086	905 2335	9 204
T.F.S.	210 4752	2 45	215 555	—
T.V.S.	390 8825	46 1041	690 1780	9 204
	(25)	TOTAL SOLIDS (25)	(25)	(25)
Final Wt. Tare Wt.	7198 48.6872	288 49.6026	6401 50.5961	796 50.7619
PPM	326 1304	262 1048	440 1760	177 708
	13577 - 1086 = 12491 = 92.0 P' T.S.S. % Red.	SET SOLIDS 22 − 3 = 19 mg/L	2335 - 204 = 2131 = 91.3 S' T.S.S. % Red.	Overall % Red. T.S.S.
	P' JTU % Red.		Dissolved Solids 699	13577 - 204 = 13373 = 98.5
	B.P. Total Solids # Day	Kenyon		

$21.33\overset{60}{\underset{13}{47}}$ $\qquad$ $22.8\overset{9}{\underset{9}{000}}$

$11 \times 2 = 22$

$22.73\overset{8}{\underset{2}{26}}$ $\qquad$ $22.62\overset{2}{\underset{1}{91}}$

$1.5 \times 2 = 3$

059579

Flow 2504400 4.03 1.15 Date 7-22/23-85
Air Temp. - F° 48°

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°		80°	D.O. = 2.0	80°
pH		6.2	7.2	7.2
Turbidity JTU		Grab	Composite	Composite
Filtered Wt. / Original Wt.	*Pumps Not Running Right	(23) 51 / 22.8236 42 / 21.7232	(16) 603 / 21.4490 983 / 21.7872	(56) 6 / 21.1174 40 / 22.6539
	No Sample	16 12	113 111	2 1
Ave. Wt.		14	112	1.5
Ashed Wt. / Original Wt.		43 / 2.8236 6 / 1.7232	531 / 1.4490 912 / 1.7872	— / 1.1174 — / 2.6539
		7 4	41 40	
Ave. Wt.		5.5	40.5	0
Solids	PPM #/day	PPM #/day	PPM X 2.58	PPM #/day
T.S.S.		56 1169	1120 2890	3 63
T.F.S.		22 459	405 1045	- —
T.V.S.		34 710	715 1845	3 43
		TOTAL SOLIDS (20)	(25)	(25)
Final Wt.		458	715	255
Tare Wt.		51.2169	51.1179	52.7066
PPM		289 / 1156	536 / 2144	189 / 756
	P' T.S.S. % Red.	SET SOLIDS - 5 / 0 / 5 mg/L	2890 - 63 / 2827 : 97.8 S' T.S.S. % Red.	Overall % Red. / T.S.S.
	P' JTU % Red.		Dissolved Solids 753	
	B.P. Total Solids # Day	Benzon		

$$22.5\overset{20}{\underset{2}{\underline{418}}} \qquad 21.1\overset{32}{\underset{3}{\underline{729}}}$$

$$2.5 \times 2:5$$

$$23.\overset{-}{9117} \qquad 23.\overset{-}{8154}$$

$$0$$

Flow 2368900 4.03 1.15 Date 7 - 21/22 - 85

Air Temp. - F° 58°

C59580

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°	85°	80°	D.O. = 1.9	80°
pH	7.6	6.0	7.4	7.4
Turbidity JTU	Grab	Grab	Composite	Composite
Filtered Wt. (10)	152 / 21.4077	47 / 20.8936	232 / 22.4122	4 / 23.5552
Original Wt. (25)	804 / 20.0737	5 / 22.5420	496 / 22.0383	7 / 22.3345
	75	11	110	2
	67	5	113	2
Ave. Wt.	71	8	111.5	2
Ashed Wt.	102 / 1.4077	9 / 0.8936	60 / 2.4122	– / 3.5552
Original Wt.	57 / 0.0737	– / 2.5420	422 / 2.0383	– / 2.3345
	25	3	38	
	20	0	89	
Ave. Wt.	22.5	1.5	38.5	0
Solids	PPM / #/day	PPM / #/day	PPM / X 2.58	PPM / #/day
T.S.S.	710 / 14051	32 / 633	1115 / 2877	4 / 79
T.F.S.	225 / 4453	6 / 119	385 / 993	– / –
T.V.S.	485 / 9598	26 / 514	730 / 1884	4 / 79
	(25)	TOTAL SOLIDS (25)	(25)	(25)
Final Wt.	9272	6252	8136	297
Tare Wt.	53.8859	50.5474	50.7632	54.4112
PPM	413 / 1652	278 / 1112	504 / 2016	185 / 740
	14051 - 633 = 13418 = 95.5 P' T.S.S. % Red.	SET SOLIDS - 4 / 0 / 4 mg/L	2877 - 79 = 2798 = 97.3 S' T.S.S. % Red.	Overall % Red. T.S.S.
	P' JTU % Red.		Dissolved Solids 736	14051 - 79 = 13972 = 99.4
	B.P. Total Solids # Day	Y Jenyon		

$22.23\overset{9}{\underset{2}{\underline{87}}}$ $\qquad$ $21.36\overset{4}{\underset{2}{\underline{84}}}$

$2 \times 2 : 4$

$22.\overset{-}{1}467$ $\qquad$ $22.\overset{-}{4}930$

0

059581

Flow 2264300 4.03 1.15 Date 7-20/21-85
Air Temp. - F° 58°

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°	86°	81°	D.O. = 1.1	81°
pH	7.6	6.0	7.3	7.3
Turbidity JTU	Grab	Grab	Composite	Composite
Filtered Wt. Original Wt.	(10) 96 / 22.8245 — 94 / 21.5922	(25) 29 / 22.4419 — 24 / 21.3216	(10) 283 / 22.7164 — 308 / 21.6192	(5) 33 / 23.3227 — 8 / 23.4681
	51 — 72	10 — 8	119 — 116	6 — 7
Ave. Wt.	61.5	9	117.5	6.5
Ashed Wt. Original Wt.	79 / 2.8245 — 61 / 1.5922	22 / 2.4419 — 8 / 1.3216	201 / 2.7164 — 223 / 1.6192	— / 3.3227 — 2 / 3.4681
	34 — 39	3 — 2	37 — 31	0 — 1
Ave. Wt.	36.5	2.5	34	.5
Solids	PPM — #/day	PPM — #/day	PPM — X 2.58	PPM — #/day
T.S.S.	615 — 11606	36 — 679	1175 — 3032	13 — 245
T.F.S.	365 — 6889	10 — 189	340 — 877	1 — 19
T.V.S.	250 — 4717	26 — 490	835 — 2155	12 — 226
	(25)	TOTAL SOLIDS (25)	(25)	(25)
Final Wt. Tare Wt.	8012 / 51.7501	52.0027 / 51.9728	815 / 54.7314	787 / 50.7629
PPM	511 / 2044	299 / 1196	501 / 2004	158 / 632
	11606 - 679 = 10927 = 94.1 P' T.S.S. % Red.	SET SOLIDS 13 − 1 = 12 mg/L	3032 - 245 = 2787 = 91.9 S' T.S.S. % Red.	Overall % Red. T.S.S.
	P' JTU % Red.		Dissolved Solids 619	11606 - 245 = 11361 = 97.9
	B.P. Total Solids # Day	Benzon		

23.7680 8 / 8

22.1032 7 / 5

6.5 X 2 = 13

21.2645 / 0

22.9620 1 / 1

.5 X 2 = 1

059582

Flow 2460100 4.03 1.15 Date 7-19/20-85

Air Temp. - F° 60°

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°	87°	82°	D.O. = 2.9	82°
pH	7.8	6.1	7.4	7.4
Turbidity JTU	Grab (10)	Grab (25)	Composite (10)	Composite (25)
Filtered Wt. / Original Wt.	144 / 21.4082 / 434 / 20.6367	200 / 23.8192 / 12 / 23.9205	909 / 22.3794 / 207 / 21.4086	4 / 21.6470 / 5 / 0.0742
	62 / 67	8 / 7	115 / 121	4 / 3
Ave. Wt.	64.5	7.5	118	3.5
Ashed Wt. / Original Wt.	104 / 1.4082 / 93 / 0.6367	4 / 3.8192 / 7 / 3.9205	830 / 2.3794 / 131 / 1.4086	– / 1.6470 / – / 0.0742
	22 / 26	2 / 2	36 / 45	
Ave. Wt.	24	2	40.5	0
Solids	PPM / #/day	PPM / #/day	PPM / X 2.58	PPM / #/day
T.S.S.	645 / 13249	30 / 616	1180 / 3044	7 / 144
T.F.S.	240 / 4930	8 / 164	405 / 1045	–
T.V.S.	405 / 8319	22 / 452	775 / 1999	7 / 144
	(25)	TOTAL SOLIDS (25)	(25)	(25)
Final Wt. / Tare Wt.	930 / 51.9514	506 / 49.4229	503 / 52.4006	328 / 51.1186
PPM	416 / 1664	277 / 1108	497 / 1988	142 / 568
	13249 - 616 = 12633 : 95.4 P' T.S.S. % Red.	SET SOLIDS 5 − 0 = 5 mg/L	3044 - 144 = 2900 : 95.3 S' T.S.S. % Red.	Overall % Red. T.S.S.
	P' JTU % Red.		Dissolved Solids 561	13249 - 144 = 13105 : 98.9
	B.P. Total Solids # Day	Y Gregor		

$22.71\overset{6}{\underset{2}{\cancel{74}}}$ $22.30\overset{3}{\underset{3}{\cancel{10}}}$

$2.5 \times 2 = 5$

23.1837 20.6751

0

059583

Flow 2358400 4.03 1.15 Date 7-18/19-85
Air Temp. - F° 69°

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°	86°	81°	D.O.= 2.9	81°
pH	7.6	6.5	7.4	7.4
Turbidity JTU	Grab	Grab	Composite	Composite
Filtered Wt. Original Wt.	(10) 71 83 / 22.3818 22.6534	(25) 25 504 / 21.7011 21.4495	(10) 270 986 / 22.8157 21.7874	(50) 5 4 / 23.2241 21.9272
	53 49	14 9	113 112	4 2
Ave. Wt.	51	11.5	112.5	3
Ashed Wt. Original Wt.	44 56 / 2.3818 2.6534	5 6 / 1.7011 1.4495	96 911 / 2.8157 1.7874	- - / 3.2241 1.9272
	24 22	4 1	39 37	
Ave. Wt.	24	2.5	38	0
Solids	PPM / #/day	PPM / #/day	PPM / X 2.58	PPM / #/day
T.S.S.	510 / 10050	46 / 906	1125 / 2903	6 / 118
T.F.S.	240 / 4729	10 / 197	380 / 980	- / -
T.V.S.	270 / 5321	36 / 709	745 / 1923	6 / 118
	(35)	TOTAL SOLIDS (35)	(35)	(35)
Final Wt. Tare Wt.	341 / 49.6034	7136 / 48.6880	702 / 52.1214	52.0018 / 51.9860
PPM	367 / 1228	256 / 1024	488 / 1952	158 / 632
	10050 - 906 = 9144 = 91.0 P' T.S.S. % Red.	SET SOLIDS - 7 0 = 7 mg/L	2903 - 118 = 2785 = 96.0 S' T.S.S. % Red.	Overall % Red. T.S.S.
	P' JTU % Red.		Dissolved Solids 626	10050 - 118 = 9932 = 98.8
	B.P. Total Solids # Day	Kenyon		

$$22.90\overset{93}{\underset{5}{\underline{88}}} \qquad 22.62\overset{2}{\underset{2}{\underline{90}}}$$

$$3.5 \times 2 = 7$$

$$21.5896 \qquad 21.1692$$

$$0$$

059584

Flow 2553900 4.03 1.15 Date 7-17/18-85
Air Temp. - F° 64°

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°	85°	81°	D.O. = 1.5	81°
pH	8.0	6.3	7.4	7.4
Turbidity JTU	Grab (10)	Grab (25)	Composite (10)	Composite (50)
Filtered Wt. / Original Wt.	89 / 20.8941 — 48 / 22.5422 — 46	9 / 22.0384 — 5 / 21.8709 — 6	829 / 21.5710 — 119 / 21.3680 — 113	36 / 22.4126 — 10 / 21.6147 — 9
Ave. Wt.	47	5.5	116	9.5
Ashed Wt. / Original Wt.	6 / 0.8941 — 5 / 2.5422 — 7	– / 2.0384 — – / 1.8709 — 0	50 / 1.5710 — 40 / 1.3680 — 38	7 / 2.4126 — 1 / 1.6147 — 0
Ave. Wt.	6	0	39	.5
Solids	PPM / #/day	PPM / #/day	PPM / X 2.58	PPM / #/day
T.S.S.	470 / 10007	22 / 468	1160 / 2993	19 / 405
T.F.S.	60 / 1278	– / –	390 / 1006	1 / 21
T.V.S.	410 / 8729	22 / 468	770 / 1987	18 / 384
TOTAL SOLIDS				
Final Wt. / Tare Wt.	6108 / 50.5810	288 / 52.7068	8439 / 53.7949	346 / 52.2163
PPM	298 / 1192	220 / 880	490 / 1960	183 / 732
	10007 - 468 = 9539 = 95.3 P' T.S.S. % Red.	SET SOLIDS 5 − 0 = 5 mg/L	2993 - 405 = 2588 = 86.4 S' T.S.S. % Red.	Overall % Red. T.S.S.
	P' JTU % Red.		Dissolved Solids 713	10007 - 405 = 9602 = 96.0
	B.P. Total Solids # Day	Y Zenyoni		

22.8009^{11}_{2} 21.3352^{5}_{3}

$2.5 \times 2 = 5$

$\bar{20.2599}$ $\bar{21.1751}$

0

059585

Flow 2257600

Air Temp. - F° 4.03 1.15 Date 7-16/17-85

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°	85°	80°	D.O. = 2.1	80°
pH	7.2	6.1	7.2	7.2
Turbidity JTU	Grab (60)	Grab (25)	Composite (60)	Composite (50)
Filtered Wt. / Original Wt.	5003 / 23.4677	460 / 23.5131	88 / 22.3362	91 / 22.2368
	326	329	26	23
Ave. Wt.	327.5		24.5	
Ashed Wt. / Original Wt.	793 / 3.4677	240 / 3.5131	71 / 2.3362	76 / 2.2368
	116	109	9	8
Ave. Wt.	112.5		8.5	
Solids	PPM	#/day	PPM	#/day
T.S.S.	3275	61803	98	1849
T.F.S.	1125	21230	34	642
T.V.S.	2150	40573	64	1207
	(25)		TOTAL SOLIDS (25)	
Final Wt. / Tare Wt.	9884 / 53.8855		6241 / 50.5974	
PPM	1029 / 4116		267 / 1068	

Aeration I Tank	Secondary
PPM X 2.58	PPM #/day
1545	30
500	1
1045	29
3986	564
1290	19
2696	547
(25)	(25)
689 / 54.4110	51.0136 / 50.9954
579 / 2316	182 / 728

61803 - 1849 = 59954 : 97.0

P' T.S.S. % Red.

SET SOLIDS

15 − 3 = 12 mg/L

3986 - 566 = 3420 = 85.8

S' T.S.S. % Red.

Overall % Red.

T.S.S.

Dissolved Solids

698

61803 - 566 = 61237 = 99.1

P' JTU % Red.

B.P. Total Solids # Day

Kenyon

$$21.6\overset{64}{\underset{9}{\underline{155}}} \qquad 22.9\overset{94}{\underset{6}{\underline{088}}}$$

$7.5 \times 2 = 15$

$$22.9\overset{6}{\underset{2}{\underline{514}}} \qquad 23.32\overset{7}{\underset{1}{\underline{76}}}$$

$1.5 \times 2 = 3$

059586

Flow 2485700 4.03 1.15 Date 7-15/16-85

Air Temp. - F° 63°

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°	86°	82°	D.O. = 2.1	81°
pH	7.4	6.1	7.1	7.1
Turbidity JTU	Grab		Composite	Composite
Filtered Wt. Original Wt.	(22) 725 60 21.3680 21.8719	*No dipper to get Sample	(25) 533 249 22.0385 22.4126	(18) 24 16 22.5411 21.5703
	45 41		148 123	13 13
Ave. Wt.	43		135.5	13
Ashed Wt. Original Wt.	96 30 1.3680 1.8719		430 68 2.0385 2.4126	2.5411 6 1.5703 4
	16 11		45 42	5 1
Ave. Wt.	13.5		43.5	3
Solids	PPM / #/day	PPM / #/day	PPM / X 2.58	PPM / #/day
T.S.S.	430 / 8940		1355 / 3496	26 / 540
T.F.S.	135 / 2807		435 / 1122	6 / 125
T.V.S.	295 / 6133		920 / 2374	20 / 415
	(25)	TOTAL SOLIDS	(25)	(26)
Final Wt. Tare Wt.	6092 50.5811		8474 53.7952	218 52.7068
PPM	281 (1124)		522 (2088)	150 (600)
	~~5940~~ P' T.S.S. % Red.	SET SOLIDS 20 − 5 = 15 mg/L	3496 − 540 = 2956 = 84.6 S' T.S.S. % Red.	Overall % Red. T.S.S.
	P' JTU % Red.		Dissolved Solids (574)	8940 − 540 = 8400 = 94.0
	B.P. Total Solids # Day	Y Genejow		

$$21.6\overset{73}{\underset{11}{462}}$$

$$22.8\overset{24}{\underset{9}{015}}$$

$10 \times 2 = 20$

$$22.62\overset{4}{\underset{2}{92}}$$

$$21.33\overset{7}{\underset{3}{54}}$$

$2.5 \times 2 = 5$

059587

Flow 2494000
Air Temp. - F° 73°

4.03 1.15

Date 7-14/15-85

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°	85°	84°	D.O. = 2.4	84°
pH	7.8	6.4	7.3	7.3
Turbidity JTU	Grab (10)	Grab (25)	Composite (10)	Composite (50)
Filtered Wt. / Original Wt.	88 / 22.7249 — 729 / 23.6686	60 / 21.9555 — 4 / 21.8312	294 / 22.7155 — 218 / 21.4078	98 / 23.8174 — 47 / 22.4125
	39 — 43	5 — 7	139 — 140	24 — 22
Ave. Wt.	41	6	139.5	23
Ashed Wt. / Original Wt.	59 / 2.7249 — 97 / 3.6686	— / 1.9555 — — / 1.8312	203 / 2.7155 — 130 / 1.4078	80 / 3.8174 — 8 / 2.4125
	10 — 11	0	48 — 52	6 — 3
Ave. Wt.	10.5	0	50	4.5
Solids	PPM / #/day	PPM / #/day	PPM / X 2.58	PPM / #/day
T.S.S.	410 / 8525	24 / 499	1395 / 3599	46 / 956
T.F.S.	105 / 2183	— / —	500 / 1290	9 / 187
T.V.S.	305 / 6342	24 / 499	895 / 2309	37 / 769
	(25)	TOTAL SOLIDS (25)	(25)	(25)
Final Wt. / Tare Wt.	357 / 54.4119	6259 / 50.5985	7469 / 48.6887	395 / 52.1217
PPM	238 / 952	274 / 1096	582 / 2328	178 / 712
	8525 - 499 = 8026 : 94.1 P' T.S.S. % Red.	SET SOLIDS 48 − 26 = 22 mg/L	3599 - 956 = 2643 : 73.4 S' T.S.S. % Red.	Overall % Red. T.S.S.
	P' JTU % Red.		Dissolved Solids 666	8525 - 956 = 7569 : 88.8
	B.P. Total Solids # Day	Y Genyon		

$$21.70\overset{41}{\underset{25}{16}}$$

$$21.44\overset{521}{\underset{23}{98}}$$

$24 \times 2 = 48$

$$22.13\overset{31}{\underset{12}{19}}$$

$$22.98\overset{92}{\underset{14}{78}}$$

$13 \times 2 = 26$

Flow 2350500 4.03 1.15 Date Sunday 7 13/14 85
Air Temp. - F° 75'

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°		97.0 / 91.0°	D.O. = 2.8	97.0 / 91.0°
pH			7.10	7.51
Turbidity JTU			COMPACITE	COMPACITE
Filtered Wt. Original Wt.			989 842 22.3787 21.8683	96 77 23.9174 22.3758
Ave. Wt.			152 141 157	20 19 20
Ashed Wt. Original Wt.			846 745 22.3787 21.8683	9 60 23.9174 22.3758
Ave. Wt.			59 62 60.5	5 2 3.5
Solids	PPM #/day	PPM #/day	PPM X 2.58	PPM #/day
T.S.S.			1576 4061	40 785
T.F.S.			605 1561	7 137
T.V.S.			965 2490	33 648
		TOTAL SOLIDS		
Final Wt. Tare Wt.			680 52.7059	793 50.7622
PPM			621 2484	171 684
	P' T.S.S. % Red.	SET SOLIDS 44 .22 22 mg/L	4061 -785 3266 = 80.6 S' T.S.S. % Red.	Overall % Red. T.S.S.
	P' JTU % Red.		Dissolved Solids 644	
	B.P. Total Solids # Day			

059588

S. I. 21.0140 (cc) 20 21.4041 (64) 23

22

C. II. 23.5108 (18) 10 21.1252 (64) 12

11

Flow 2435200 403 1.15 Date Saturday 7-12/13-86

Air Temp. - F° 60°

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°		71° / 91°	D.O. = 2.5	76° / 90°
pH			7.01	7.48
Turbidity JTU			COMPOSITE	COMPOSITE
Filtered Wt. Original Wt.			763 / 21.3661 — 567 / 22.5435	37 / 23.2222 — 60 / 22.9014
Ave. Wt.			122 — 132 — 127	17 — 6 — 12
Ashed Wt. Original Wt.			722 / 21.3661 — 601 / 22.5435	57 / 23.2222 — 8 / 22.9014
Ave. Wt.			61 — 66 — 64	15 — 4 — 10
Solids	PPM / #/day	PPM / #/day	PPM / X 2.58	PPM / #/day
T.S.S.			1270 / 3277	12 / 244
T.F.S.			610 / 1651	10 / 204
T.V.S.			630 / 1626	2 / 40
		TOTAL SOLIDS		
Final Wt. Tare Wt.			1.0408 / 50.7948	8117 / 53.7947
PPM			540 / 2160	170 / 680
		SET SOLIDS	3277 − 244 = 3033 = 92.6	Overall % Red.
	P' T.S.S. % Red.	10 − 6 = 4 mg/L	S' T.S.S. % Red.	T.S.S.
	P' JTU % Red.		Dissolved Solids 648	
	B.P. Total Solids # Day	Hartman		

C59589

S.I.	21.6354 (66)	22.5037 (41)
	6	4

5

S.II	21.6457 (62)	23.4661 (4)
	3	3

3

Flow 2448700 4.03 1.15 Date 7-11/12-85

Air Temp. - F° 61°

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°	85°	91° / 91°	D.O. = 2.5	95° / 89°
pH	8.29	6.98	7.36	7.83
Turbidity JTU	GRAB	GRAB	COMPOSITE	COMPOSITE
Filtered Wt. Original Wt.	218 / 22.7175 — 64 / 22.0523	93 / 21.7884 — 7 / 23.5421	520 / 22.0579 — 645 / 22.8514	20 / 21.5709 — 70 / 23.5562
Ave. Wt.	43 — 41 — 42	7 — 6 — 7	141 — 181 — 136	11 — 8 — 10
Ashed Wt. Original Wt.	88 / 22.7175 — 36 / 22.0523	9 / 21.7884 — 2 / 23.5421	439 / 22.0579 — 567 / 22.8514	15 / 21.5709 — 6 / 23.5562
Ave. Wt.	13 — 13 — 13	3 — 1 — 2	60 — 53 — 57	6 — 4 — 5
Solids	PPM — #/day	PPM — #/day	PPM — X 2.58	PPM — #/day
T.S.S.	420 — 8692	28 — 573	1360 — 3509	10 — 205
T.F.S.	130 — 2659	8 — 164	570 — 1471	5 — 102
T.V.S.	290 — 5933	20 — 409	790 — 2038	10 — 103
		TOTAL SOLIDS		
Final Wt. Tare Wt.	572 / 53.2287	9116 / 53.8962	2.0413 / 51.9840	323 / 52.2161
PPM	305 / 1220	264 / 1056	573 / 2292	162 / 648
	8692 - 573 = 8119 = 93.3 P' T.S.S. % Red.	SET SOLIDS 12 - .10 = 2 mg/L	3509 - 205 = 3304 = 94.2 S' T.S.S. % Red.	Overall % Red. T.S.S.
	P' JTU % Red.		Dissolved Solids 138	8692 - 205 = 8487 = 97.6
	B.P. Total Solids # Day			

059590

S.I.	22.6157	22.0721	S.II.
	22.8683	21.7853	

059591

Flow 2466700 4.03 1.15 Date 7-10-85
Air Temp. - F° 65°

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°	85°	[illegible]	D.O. = 3.7	90° / 83°
pH	[illegible]	6.57	7.46	[illegible]
Turbidity JTU	GRAB	GRAB	COMPOSITE	COMPOSITE
Filtered Wt. Original Wt.	21.7286 22.9858	21.8299 21.9541	21.3352 22.9008	21.4076 23.0685
Ave. Wt.			146 136	8 7
Ashed Wt. Original Wt.	- - 21.7286 22.9858	- - 21.8299 21.9541	409 62 21.3352 22.9008	- - 21.4076 23.0685
Ave. Wt.	- - 0	- - 0	57 54 54	- - 0
Solids	PPM #/day	PPM #/day	PPM X 2.58	PPM #/day
T.S.S.	0 0	0 0	560 1445	0 0
T.F.S.	300 322	16 322	830 2141	8 161
T.V.S.				
Final Wt. Tare Wt.	52.4009	TOTAL SOLIDS 51.6282	50.5810	55.4017
PPM				
	7244 - 322 = 1922 = 95.6 P' T.S.S. % Red.	SET SOLIDS	S' T.S.S. % Red.	Overall % Red. T.S.S.
	P' JTU % Red.	mg/L	Dissolved Solids 616	
	B.P. Total Solids # Day			

E. I.	21.4496	22.7243
E. II.	22.6296	22.7141

Flow 2415800 4.03 1.15 Date 7-9/10-85

Air Temp. - F° 66°

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°	86°	82°	D.O. = 4.2	81°
pH	8.1	7.8	7.5	7.5
Turbidity JTU	Grab	Grab	Composite	Composite
Filtered Wt. Original Wt.	(10) 425 98 / 21.2384 20.8460	(25) 23 74 / 22.7818 22.4267	(10) 431 3125 / 22.1300 22.2991	(50) 8 3 / 21.2127 23.4311
	41 38	5 7	131 134	1 2
Ave. Wt.	39.5	6	132.5	1.5
Ashed Wt. Original Wt.	410 83 / 1.2384 0.8460	– 9 / 2.7818 2.4267	64 3052 / 2.1300 2.2991	– – / 1.2127 3.4311
	26 23	0 2	64 61	
Ave. Wt.	24.5	1	62.5	0
Solids	PPM #/day	PPM #/day	PPM X 2.58	PPM #/day
T.S.S.	395 7982	24 485	1325 3419	3 61
T.F.S.	245 4951	4 81	625 1613	– –
T.V.S.	150 3031	20 404	700 1806	3 61
	(25)	TOTAL SOLIDS (25)	(25)	(25)
Final Wt.	2075	518	756	260
Tare Wt.	48.1695	51.4269	51.1183	52.9113
PPM	380 / 1520	249 / 996	573 / 2292	147 / 588
	7982 - 485 = 7497 = 94.0 P' T.S.S. % Red.	SET SOLIDS – 4 0 = 4 mg/L	3419 - 61 = 3358 = 98.2 S' T.S.S. % Red.	Overall % Red. T.S.S.
	P' JTU % Red.		Dissolved Solids 583	7982 - 61 = 7921 = 99.2
	B.P. Total Solids # Day	Kenyon		

259592

$$23.8\overset{40}{\underset{2}{\underline{138}}} \qquad 21.96\overset{7}{\underset{2}{\underline{15}}}$$

$$2 \times 2 = 4$$

$$\begin{array}{c} - \\ 21.4876 \end{array} \qquad \begin{array}{c} - \\ 22.7164 \end{array}$$

$$0$$

Flow 2271500 4.03 1.15 Date 7-8/9-85

Air Temp. - F° 70°

059593

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°	83°	81°	D.O. = 5.0	79°
pH	8.1	8.2	7.5	7.5
Turbidity JTU	Grab	Grab	Composite	Composite
Filtered Wt. Original Wt.	(60) 12 75 / 23.5101 21.9264	(25) 703 8 / 21.8699 21.4494	(10) 3142 324 / 23.2987 23.8167	(50) 3 4 / 21.4061 21.6182
	11 11	4 4	155 157	2 2
Ave. Wt.	11	4	156	2
Ashed Wt. Original Wt.	8 9 / 3.5101 1.9264	– – / 1.8699 1.4494	3070 249 / 3.2987 3.8167	– – / 1.4061 1.6182
	7 5		83 82	
Ave. Wt.	6	0	82.5	0
Solids	PPM / #/day	PPM / #/day	PPM / X 2.58	PPM / #/day
T.S.S.	110 / 2085	16 / 303	1560 / 4025	4 / 76
T.F.S.	60 / 1137	– / –	825 / 2129	– / –
T.V.S.	50 / 948	16 / 303	735 / 1896	4 / 76
	(25)	TOTAL SOLIDS (25)	(25)	(25)
Final Wt. Tare Wt.	6036 / 50.5814	212 / 55.4017	645 / 49.6039	479 / 49.4309
PPM	222 / 888	195 / 780	606 / 2424	170 / 680
	2085 - 303 = 1782 : 85.5 P' T.S.S. % Red.	SET SOLIDS 3 – 0 = 3 mg/L	4025 - 76 = 3949 : 98.1 S' T.S.S. % Red.	Overall % Red. T.S.S.
	P' JTU % Red.		Dissolved Solids 676	2085 - 76 = 2009 : 96.4
	B.P. Total Solids # Day	Y Genyon		

22.3435^{7}_{2} 22.3379^{80}_{1}

1.5 X 2:3

$23.\overline{8924}$ $21.\overline{3927}$

0

Flow
Air Temp. - F°

Date 1-15 5/6 4/7 -85

059594

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°			D.O. = 8.4	(7/8) - Mill Starting Today
pH				
Turbidity JTU				
Filtered Wt. Original Wt.		Mill	Down	
Ave. Wt.				
Ashed Wt. Original Wt.				
Ave. Wt.				
Solids	PPM #/day	PPM #/day	PPM X 2.58	PPM #/day
T.S.S. T.F.S. T.V.S.				
		TOTAL SOLIDS		
Final Wt. Tare Wt.				
PPM				
		SET SOLIDS		
	P' T.S.S. % Red.	_____ mg/L	S' T.S.S. % Red.	Overall % Red. T.S.S.
	P' JTU % Red.		Dissolved Solids	
	B.P. Total Solids # Day			

Flow 2898100 4.03 1.15 Date 7-3/4-85

Air Temp. - F° 60°

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°		81°	D.O. = 1.8	81°
pH		5.8	7.2	7.2
Turbidity JTU		Grab	Composite	Composite
Filtered Wt. Original Wt.	Mill Down Ks Sample	(20) 43 22.4118 / 62 21.9540	(10) 56 21.4501 / 71 23.5110	(50) 9 23.2988 / 41 22.7139
		25 / 22	55 / 61	1 / 2
Ave. Wt.		23.5	58	1.5
Ashed Wt. Original Wt.		27 2.4118 / 7 1.9540	20 1.4501 / 32 3.5110	— 3.2988 / — 2.7139
		9 / 7	19 / 22	
Ave. Wt.		8	20.5	0
Solids	PPM / #/day	PPM / #/day	PPM / X 2.58	PPM / #/day
T.S.S.		94 / 2274	580 / 1496	3 / 73
T.F.S.		32 / 775	205 / 529	— / —
T.V.S.		62 / 1501	375 / 967	3 / 73
		TOTAL SOLIDS (35)	(35)	(25)
Final Wt. Tare Wt.		51.0131 / 51.9845	380 / 52.4006	657 / 51.9497
PPM		286 / 1144	374 / 1496	160 / 640
		SET SOLIDS		Overall % Red.
	P' T.S.S. % Red.	— 4 / 0 / 4 mg/L	S' T.S.S. % Red.	T.S.S.
	P' JTU % Red.		Dissolved Solids 637	
	B.P. Total Solids # Day	Kenyon		

5659595

$$21.926\overset{5}{\underset{2}{3}} \qquad 22.23\overset{8}{\underset{2}{76}}$$

$$2 \times 2 = 4$$

$$22.6295 \; - \qquad 21.4074 \; -$$

$$0$$

059596

Flow 2796900 4.03 1.15 Date 7-2/3-85
Air Temp. - F° 58°

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°		81°	D.O.= 2.8	81°
pH		7.1	7.5	7.5
Turbidity JTU		Grab	Composite	Composite
Filtered Wt. Original Wt.	*No Sample Pumps Not Running	(25) 83 800 / 22.8270 22.4783	(10) 369 209 / 21.8297 21.6127	(50) 2 9 / 22.5481 23.9956
Ave. Wt.		13 17 / 15	72 82 / 77	1 3 / 2
Ashed Wt. Original Wt.		2 7 / 2.8270 2.4783	319 48 / 1.8297 1.6127	– – / 2.5481 3.9956
Ave. Wt.		2 4 / 3	22 21 / 21.5	0
Solids	PPM #/day	PPM #/day	PPM X 2.58	PPM #/day
T.S.S.		60 1403	770 1987	4 94
T.F.S.		12 281	215 555	– –
T.V.S.		48 1122	555 1432	4 94
		TOTAL SOLIDS (25)	(25)	(25)
Final Wt. Tare Wt.		8047 / 53.7683	466 / 49.6034	785 / 50.5637
PPM		364 / 1456	432 / 1728	148 / 592
	P' T.S.S. % Red.	SET SOLIDS 6 − 0 = 6 mg/L	1987 − 94 = 1893 : 95.3 S' T.S.S. % Red.	Overall % Red. T.S.S.
	P' JTU % Red.		Dissolved Solids 588	
	B.P. Total Solids # Day	Y Genyon		

$$21.9465^{7}_{2} \qquad 23.6277^{81}_{4}$$

$$3 \times 2 = 6$$

$$22.5716^{-} \qquad 21.7471^{-}$$

$$0$$

Flow 2748200 4.03 1.15 Date 7-½-85

Air Temp. - F° 62°

059597

Sample	Before Primary	After Primary	Aeration I Tank	Secondary
Temp. F°	84°	80°	D.O. = 1.9	80°
pH	7.8	6.2	7.4	7.4
Turbidity JTU	Grab (10)	Grab (25)	Grab (10)	Composite (50)
Filtered Wt. Original Wt.	330 821 22.8275 22.4764	7 77 22.7281 23.9967	87 108 21.3342 21.4065	5 4 21.9272 21.8682
	55 57	6 10	45 43	3 2
Ave. Wt.	56	8	44	2.5
Ashed Wt. Original Wt.	89 81 2.8275 2.4764	— 9 2.7281 3.9967	52 75 1.3342 1.4065	— — 1.9272 1.8682
	14 17	0 2	10 10	
Ave. Wt.	15.5	1	10	0
Solids	PPM #/day	PPM #/day	PPM X 2.58	PPM #/day
T.S.S.	560 12859	32 735	440 1135	5 115
T.F.S.	155 3559	4 92	10 215	— —
T.V.S.	405 9300	28 643	430 920	5 115
	(25)	TOTAL SOLIDS (25)	(25)	(25)
Final Wt. Tare Wt.	51.0327 50.9954	843 53.3602	492 49.4306	335 52.2155
PPM	373 1492	261 1044	386 1544	180 720
	12859 - 735 = 12124 = 94.3 P' T.S.S. % Red.	SET SOLIDS 7 − 0 = 7 mg/L	1135 - 115 = 1020 = 90.0 S' T.S.S. % Red.	Overall % Red. T.S.S.
	P' JTU % Red.		Dissolved Solids 715	12859 - 115 = 12744 = 99.1
	B.P. Total Solids # Day	Zenyon		

$21.5\overset{9}{\underset{3}{\underline{876}}}$ $23.4\overset{72}{\underset{4}{\underline{168}}}$

$3.5 \times 2 = 7$

$22.\overline{7247}$ $21.5\overline{193}$

0