179135

B.O.D.

January 1985

054237

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final O_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-31/2-1-85		C	8.3	8.4					2610100	
				8.3 8.4						
	BP	1		6.8	1.55	300	465			
		2		6.3	2.05	150	308	376	8194 - 3552	8194
		3		4.8	3.55	100	355		4642 = 56.7	
	AP	2		7.0	1.35	150	203			
		3		6.8	1.55	100	155	163	3552 - 1395	3552
		4		6.6	1.75	75	131		2157 = 60.7	
	AT	6		6.9	1.45	50	73			
		8		6.7	1.65	37.5	62	64	1395 - 174	1395
		10		6.5	1.85	30	56		1221 = 87.5	
	S	50		7.0	1.35	6	8			
		60		6.8	1.55	5	8	8		174
		80		6.5	1.85	3.75	7			
									O.A.R.	
									8194 - 174	
									8020 = 97.9	

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final S_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-31-85		C	8.3	8.3					2536200	
				8.3 8.3						
	BP	1		6.7	1.6	300	480			
		2		6.5	1.8	150	270	363	7699 - 3118	7699
		3		4.9	3.4	100	340		4581 : 59.5	
	AP	2		7.1	1.2	150	180			
		3		6.9	1.4	100	140	147	3118 - 2914	3118
		4		6.7	1.6	75	120		204 = 6.5	
	AI	6		6.9	1.4	50	70			
		8		6.6	1.7	37.5	64	63	2914 - 170	2914
		10		6.5	1.8	30	54		2744 = 94.2	
	S	50		7.0	1.3	6	8			
		60		6.7	1.6	5	8	8		170
		80		6.4	1.9	3.75	7			
									O.A.R. 7699 - 170	
					Kenyon				7529 = 97.8	

054239

Date	Sample	ml. of Sample Used	Initial B.O. ppm	5 Day B.O. ppm	Final O_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-28/30-85		C	8.4	8.4					2732000	
				8.4 8.4						
	BP	1		6.9	1.5	300	450			
		2		6.6	1.8	150	270	307	6998 - 5038	6998
		3		6.4	2.0	100	200		1960 : 28.0	
	AP	2		6.9	1.5	150	225			
		3		6.2	2.2	100	220	221	5038 - 1482	5038
		4		5.5	2.9	75	218		3556 : 70.6	
	AI	6		6.9	1.5	50	75			
		8		6.7	1.7	37.5	64	65	1482 - 228	1482
		10		6.5	1.9	30	57		1254 : 84.6	
	S	50		6.6	1.8	6	11			
		60		6.4	2.0	5	10	10		228
		80		5.8	2.4	3.75	10			
									O.A.R.	
									6998 - 228	
					Benzon				6770 : 96.7	

054340

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day B.O. ppm	Final O_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-29-85		C	8.3	8.2					2532800	
				8.1 8.2						
	BP	1		6.1	2.05	300	615			
		2		5.5	2.65	150	398	443	9359 -5429	9359
		3		5.0	3.15	100	315		3930 = 42.0	
	AP	2		6.0	2.15	150	323			
		3		5.8	2.35	100	235	257	5429 -1437	5429
		4		5.3	2.85	75	214		3992 = 73.5	
	AI	6		6.7	1.45	50	73			
		8		6.4	1.75	37.5	66	68	1437 -211	1437
		10		6.0	2.15	30	65		1226 = 85.3	
	S	50		6.6	1.55	6	9			
		60		6.2	1.95	5	10	10		211
		80		5.4	2.75	3.75	10			
						Kenyon			O.A.R. 9359 -211 9148 = 97.7	

054241

Monday

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final O_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-27/28/85	C			8.1					2670800	
				8.1 8.1						
	AE	6		6.7	1.4	50	70			
		8		6.6	1.5	37.5	56	61	1360 .201	1360
		10		6.2	1.9	30	57		1159: 85.2	
	Sec.	50		6.8	1.3	6	8			
		60		6.4	1.7	5	9	9		201
		80		5.8	2.3	3.75	9			

Kenyon

Sunday

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final S_2 Used	Dilution Factor	B.O.D. ppm	Flow gal./day	B.O.D. lbs./day
1-26/27-85		C	8.0	8.0				2834100	
				8.0 7.9					
	A.E	4		6.6	1.35	50	68		
		8		6.1	1.85	37.5	69 } 75	1772 -307	1772
		10		5.0	2.95	30	89	1465 = 82.6	
	Sec.	50		6.0	1.95	6	12		
		60		5.5	2.45	5	12 } 13		307
		80		4.0	3.95	3.75	15		

Kenyon

054243

Saturday

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final S_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1.25/26.85		C	8.1	8.1					2914200	
				8.1 8.1						
	AE	6		5.9	2.2	50	110			
		8		5.5	2.6	37.5	98	101	2454 = 267	2454
		10		4.9	3.2	30	96		2187 = 89.1	
	SEE	50		6.5	1.6	6	10			
		60		6.0	2.1	5	11	11		267
		80		5.0	3.1	3.15	12			

Kenyon

054244

15 cm 42 Whatman

Friday

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final O_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-24-65	C		7.5	7.7					2617200	
				7.8 7.8						
4	BP	1		6.2	1.6	300	480			
24		2		5.7	2.1	150	315	352	30	7701
16		3		5.2	2.6	100	260			
2	AP	2		4.8	3.0	150	450			
305		3		3.7	4.1	100	410	399	8729 - 3741	8729
24		4		3.3	4.5	75	338		4988 : 57.1	
2	AE	6		4.5 4.5	3.3	50	165			
22		8		3.2	4.6	37.5	173	171	3741 - 328	3741
1		10		2.0	5.8	30	174		3413 : 91.2	
356	Sec.	50		5.5 5.5	2.3	6	14			
42		60		4.6	3.2	5	16	15		328
42		80		4.0	3.8	3.75	14			
									O.A.R.	
									7701 - 328	
									7373 : 95.7	
						Kenyon				

054245

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final S_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-33/24-85		C	8.3	8.4					2589600	
				8.4 8.3						
	RP	1		5.3	3.05	300	915			
		2		6.0	2.35	150	353	534	11549 -5666	11549
		3		5.0	3.35	100	335		5883 : 50.9	
	AP	2		6.2	2.15	150	323		5666 -1665	
		3		6.0	2.35	100	235	262	4001 = 70.6	5666
		4		5.3	3.05	75	229			
	AI	6		6.0	2.35	50	118			
		8		5.4	2.95	37.5	111	77	1665 -324	1665
		10		5.0	3.35	30	101		1341 = 80.5	
	S	50		6.0	2.35	6	14			
		60		5.3	3.05	5	15	15		324
		80		4.0	4.35	3.75	16			
									O.A.R. 11549 -324	
									11225 : 97.2	
					Kenyon					

054246

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final O_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-22/23-85		C	8.4	8.4					2699000	
				8.4 8.4						
	S	50		4.9	3.6	6	22			
		60		5.0	3.4	5	17	17		383
		80		5.6	3.4	3.75	13			
						Hartman				

054247

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final O_2 Used	Dilution Factor	B.O.D. ppm	Flow gal./day	B.O.D. lbs./day
1-21/22-85		C	8.3	8.2				2542600	
				8.3 8.2					
	BP	1		6.5	1.7	300	510		
		2		6.0	1.2	150	30	190	
		3		7.9	0.3	100	30		
	AP	2		6.8	1.4	150	210	14910 - 2163	
		3		5.6	2.6	100	260	703	12747 ÷ 85.5	14910
		4		5.1	3.1	75	233		
	AI	6		6.0	2.2	50	110	2163 - 191	
		8		5.5	2.7	37.5	101	102	1972 ÷ 91.2	2163
		10		5.0	3.2	30	96		
	S	50		6.9	1.3	6	8		
		60		6.2	1.9	5	10	9		191
		80		5.8	2.4	3.75	9		

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final O_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-24-85		C	8.3	8.3					2604900	
				8.3 8.3						
	BP	1		6.1	2.2	300	660			
		2		8.2 ?	0.1	150	15	228 ?		4950 ?
		3		8.2	0.1	100	10			
	AP	2		5.7	2.4	150	360		- 6014 2171	
		3		5.5	2.9	100	290	277	3843 - 64.0	6014
		4		5.9	2.4	75	180			
	AI	6		6.0	2.3	50	115		- 2171 282	
		8		5.9	2.4	37.5	90	102	1889 = 87.0	2171
		10		5.1	3.2	30	96			
	S	50		6.6	1.7	6	10			
		60		5.0	3.3	5	17	13		282
		80		9.8	3.5	3.75	13			

Hartman

054249

Sum

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final S_2 Used	Dilution Factor	B.O.D. ppm	Flow gal./day	B.O.D. lbs./day
1-19/20-85		C	8.4	8.3				2711000	
				8.4 8.4					
	BP	1		6.1	2.3	300	690	10251 - 4775	
		2		6.0	2.4	150	360	5476 =	10251
		3		5.3	3.1	100	310	534	
	AP	2		6.9	1.5	150	225	4775 - 1539	
		3		6.2	2.2	100	220	3236 = 68.0	4775
		4		5.9	2.5	75	188		
	AI	6		6.8	1.6	50	80	1539 - 226	
		8		6.6	1.8	37.5	68	1313 =	1539
		10		6.5	1.9	30	57	85.3	
	S	50		6.7	1.7	6	10		
		60		6.4	2.0	5	10		226
		80		5.6	2.8	3.75	9		
								10251 - 226	
						Kenyon		10025 =	
								98.0	

054250

Lot

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final S_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-19-85		C	8.3	8.3					2565200	
				8.3 8.3						
	BP	1		Door	Froze	300				
		2		Shut	-	150				
		3		No	Sample	100				
	AP	2		6.8	1.5	150	225			
		3		6.2	2.1	100	210	203	4356 -1309	4356
		4		6.0	2.3	75	173		3047 = 70.0	
	AI	6		6.9	1.4	50	70			
		8		6.7	1.6	37.5	60	61	1309 -215	1309
		10		6.5	1.8	30	54		1094 = 83.6	
	S	50		6.8	1.5	6	9			
		60		6.2	2.1	5	11	10		215
		80		5.7	2.6	3.75	10			
							Kenyon			

054251

3rd

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day B.O. ppm	Final O_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-17-85		C	8.3	8.3					2584900	
				8.3 8.3						
	BP	1		6.0	2.3	300	690			
		2		5.7	2.6	150	390	470	10125 - 5149	10125
		3		5.0	3.3	100	330		4976 = 49.1	
	AP	2		6.6	1.7	150	255			
		3		6.0	2.3	100	230	239	5149 - 1336	5149
		4		5.2	3.1	75	233		3813 = 74.1	
	AI	6		6.9	1.4	50	70			
		8		6.7	1.6	37.5	60	62	1336 - 237	1336
		10		6.4	1.9	30	57		1099 = 82.3	
	S	50		6.6	1.7	6	10			
		60		6.1	2.2	5	11	11		237
		80		5.0	3.3	3.75	12			
									O.A.R.	
						Kenyon			10125 - 237	
									9888 = 97.7	

054252

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final S_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-17-85		C	8.3	8.3					2525300	
				8.3 8.3						
	BP	1		6.0	2.3	300	690			
		2		5.2	3.1	150	465	495	10457 -8704	10457
		3		5.0	3.3	100	330		1753 = 16.8	
	AP	2		5.5	2.8	150	420			
		3		4.5	3.8	100	380	412	8704 -1817	8704
		4		2.5	5.8	75	435		6887 = 79.1	
	AI	6		6.5	1.8	50	90			
		8		6.0	2.3	37.5	86	86	1817 -359	1817
		10		5.6	2.7	30	81		1458 = 80.2	
	S	50		5.7	2.6	6	16			
		60		4.5 4.5	3.8	5	19	17		359
		80		3.8	4.5	3.75	17			
									O.A.R. 10457 -359	
					Tenyon				10098 = 96.6	

054253

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final O_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-13/16-85		C	8.4	8.4					2448200	
				8.4 8.4						
	BP	1		6.9	1.5	300	450			
		2		6.5	1.9	150	285	322	6587 - 4501	6587
		3		6.1	2.3	100	230		2086 = 31.7	
	AP	2		7.0	1.4	150	210			
		3		6.3	2.1	100	210	220	4501 - 1698	4501
		4		5.2	3.2	75	240		2803 = 62.3	
	AI	6		6.7	1.7	50	85			
		8		6.2	2.2	37.5	83	83	1698 - 389	1698
		10		5.7	2.7	30	81		1309 = 77.1	
	S	50		5.3 5.3	3.1	6	19			
		60		4.5	3.9	5	20	19		389
		80		3.5	4.9	3.75	18			
									O.A.R.	
									6587 - 389	
									6198 = 94.1	
							Kenyon			

054254

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final O_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-14/15-85			8.4	8.3					2577800	
				8.3 8.3						
	BP	1		6.7	1.6	300	480			
		2		6.4	1.9	150	285	338	7282 - 4804	7282
		3		5.8	2.5	100	250		2478 = 34.0	
	AP	2		6.4	1.9	150	285			
		3		6.2	2.1	100	210	223	4804 - 1422	4804
		4		6.0	2.3	75	173		3382 = 70.4	
	AL	6		6.9	1.4	50	70			
		8		6.6	1.7	37.5	64	66	1422 - 323	1422
		10		6.2	2.1	30	63		1099 = 77.3	
	S	50		6.0	2.3	6	14			
		60		5.1	3.2	5	16	15		323
		80		4.4	3.9	3.75	15			
									O.A.R. 7282 - 323	
									6959 = 95.6	
						Kenyon				

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final O_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-13/14-85		8.4		8.4					2489100	
				8.4 8.5						
	BP	1		6.6	1.85	300	555			
		2		6.4	2.05	150	308	399	8296 - 4802	8296
		3		5.1	3.35	100	335		3494 = 42.1	
	AP	2		6.5	1.95	150	293			
		3		6.3	2.15	100	2.15	231	4802 - 1663	4802
		4		6.0	2.45	75	184		1181 = 24.6	
	AI	6		6.8	1.65	50	83			
		8		6.2	2.25	37.5	84	80	1663 - 395	1663
		10		6.0	2.45	30	74		1268 = 76.2	
	S	50		5.5	2.95	6	18			
		60		4.3	4.15	5	21	19		345
		80		3.9	4.55	3.75	17			
									O.A.R	
									8296 - 395	
						Kenyon			7901 = 95.2	

054256

Sunday

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final O_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-12/13-84	C		7.2	7.6					2693200	
				7.6 7.8						
	AE	6		6.5	1.2	50	60			
		8		6.2	1.5	37.5	56	56	1258 -225	1258
		10		6.0	1.7	30	51		1033 = 82.1	
	Sec.	50		6.0	1.7	6	10			
		60		5.8	1.9	5	10	10		225
		80		4.8	2.9	3.75	11			

054257

Saturday

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day B.O. ppm	Final O_2 Used	Dilution Factor	B.O.D. ppm	Flow gal./day	B.O.D. lbs./day
1-11/12-84	C	7.5		7.8				2674200	
				7.7 7.8					
	AE	6		6.7	1.05	50	53		
		8		6.4	1.35	37.5	51 53	1182 · 201	1182
		10		5.9	1.85	30	56	981 : 83.0	
	Sec.	50		6.5	1.25	6	8		
		100		6.2	1.55	5	8 9		201
		80		5.1	2.65	3.75	10		

Kenyon

054258

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final S_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-28-85		C	8.3	8.3					2596200	
				8.3 8.3						
	BP	1		6.2	2.1	300	630			
		2		5.3	3.0	150	450	470	10204 - 7468	10204
		3		5.0	3.3	100	330		2736 = 26.8	
	AP	2		5.8	2.5	150	375			
		3		5.1	3.2	100	320	344	7468 - 1954	7468
		4		3.8	4.5	75	338		5514 = 73.8	
	AI	6		6.2	2.1	50	105			
		8		5.9	2.4	37.5	90	90	1954 - 304	1954
		10		5.8	2.5	30	75		1650 = 84.4	
	S	50		6.0	2.3	6	14			
		60		5.4	2.9	5	15	14		304
		80		4.5	3.7	3.75	14			
									O.A.R. 10204 - 304	
									10200 = 99.8	

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final O_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-26-85		C	8.4	8.4					2575800	
				8.4 8.4						
	BP	1		7.0	1.4	300	420			
		2		6.5	1.9	150	285	325	7001 - 4653	7001
		3		5.7	2.7	100	270		2348 : 33.5	
	AP	2		6.8	1.6	150	240			
		3		6.5	1.9	100	190	216	4653 - 1314	4653
		4		5.5	2.9	75	218		3339 : 71.8	
	AI	6		7.0	1.4	50	70			
		8		6.9	1.5	37.5	56	61	1314 - 345	1314
		10		6.5	1.9	30	57		969 : 73.7	
	S	50		6.0 6.0	2.4	6	14			
		60		5.0 5.0	3.4	5	17	16		345
		80		3.7	4.7	3.75	18			
									O.A.R 7001 - 345	
									6656 : 95.1	
						Kenyon				

054260

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final O_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-8/9-85		C	8.4	8.3					2585800	
				8.3 8.3						
	BP	1		6.9	1.4	300	420			
		2		6.5	1.8	150	270	323	-6985 -4671	6985
		3		5.5	2.8	100	280		2314 = 33.1	
	AP	2		6.8	1.5	150	225			
		3		6.4	1.9	100	190	216	-4671 -1276	4671
		4		5.2	3.1	75	233		3395 = 72.1	
	AI	6		7.0	1.3	60	65			
		8		6.9	1.4	37.5	53	59	-1276 -389	1276
		10		6.3	2.0	30	60		887 = 69.5	
	S	50		5.5	2.8	6	17			
		60		5.0	3.3	5	17	18		389
		80		3.2	5.1	3.75	19			
									O.A.R.	
						Kenyon			6985 -389	
									6596 = 94.4	

054261

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final O_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-7/8-85		C	8.3	0.2					2655100	
				8.3 8.3						
	BP	1		5.8	2.5	300	750		9617 -6019	
		2		6.5	1.8	150	270	433	3598 = 37.4%	9617
		3		5.5	2.8	100	280			
	AP	2		6.2	2.1	150	315		6019 -1444	
		3		5.5	2.8	100	280	271	4575 = 76.0%	6019
		4		5.4	2.9	75	218			
	AI	6		7.0	1.3	50	65		1444 -378	
		8		6.5	1.8	37.5	68	65	1066 = 74.0%	1444
		10		6.2	2.1	30	63			
	S	50		5.9	2.4	6	14			
		60		4.3	4.0	5	20	17		378
		80		3.5	4.8	3.75	18			
									9617 -378	
							O.K.R.		9239 = 96.1%	
						Hartman				

054262

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final O_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-6/7-85		C	7.7	7.7					27413000	
				7.7 7.5						
	BP	1		4.5	3.2	300	960		12126 - 7642	
		2		4.5	3.2	150	480	530	4484 = 40.0%	12126
		3		6.2	1.5	100	150			
	AP	2		5.0	2.7	150	405		7642 - 3775	
		3		4.5	3.2	100	320	334	3867 = 51.0%	7642
		4		4.0	3.7	75	279			
	AI	6		4.5	3.2	50	160		3775 - 389	
		8		3.3	4.4	37.5	165	165	3386 = 90.0%	3775
		10		2.0	5.7	30	171			
	S	50		5.0	2.7	6	16			
		60		4.5	3.2	5	16	17		389
		80		2.5	5.2	3.75	20			
									12126 - 389	
							O.A.R.		11737 = 97.0%	

054263

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final S_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-5/6-85		C	8.3	8.3					2763900	
				8.3 8.3						
	BP	1		6.2	2.1	300	630			
		2		5.1	3.2	150	480	480	11062 -6660	11062
		3		5.0	3.3	100	330		4402 = 39.8	
	AP	2		6.0	2.3	150	345			
		3		5.7	2.6	100	260	289	- 6660 2835	6660
		4		4.8	3.5	75	263		3825 = 57.4	
	AI	6		5.6	2.7	50	135			
		8		5.0	3.3	37.5	124	123	2835 -484	2835
		10		4.6	3.7	30	111		2351 = 82.9	
	S	50		5.2	3.1	6	19			
		60		4.2	4.1	5	21	21		484
		80		2.5	5.8	3.75	22			
						Kenyon			O.A.R. 11062 -484	
									10578 = 95.6	

054264

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final S_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-4/5-85		C	8.3	8.4					2748800	
				8.4 8.3						
	BP	1		7.0	1.35	300	405			
		2		6.8	1.55	150	233	284	6521 - 4316	6521
		3		6.2	2.15	100	215		2205 = 33.8	
	AP	2		7.4	.95	150	143			
		3		6.5	1.85	100	185	188	4316 - 3605	4316
		4		5.2	3.15	75	236		711 = 16.5	
	AI	6		5.0	3.35	50	168			
		8		4.0	4.35	37.5	163	157	3605 - 620	3605
		10		3.7	4.65	30	140		2985 = 82.8	
	S	50		4.0 4.0	4.35	6	26			
		60		2.8 2.7	5.55	5	28	27		620
		80		1.0 1.0	—	3.75				
									O.A.R. 6521 - 620	
							Kenyon		5901 = 40.5	

054265

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final S_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-3/4-85		C	8.3	8.3					2245600	
				8.3 8.3						
	BP	1		7.2	1.1	300	330			
		2		6.4	1.9	150	285	298	5599 - 2987	5599
		3		5.5	2.8	100	280		2612 : 46.7	
	AP	2		7.1	1.2	150	180			
		3		6.9	1.4	100	140	159	2987 - 1541	2987
		4		6.2	2.1	75	158		1446 : 48.4	
	AI	6		6.8	1.5	50	75			
		8		6.2	2.1	37.5	79	82	1541 - 207	1541
		10		5.2	3.1	30	93		1334 : 86.6	
	S	50		6.9 6.8	1.4	6	8			
		60		6.0	2.3	5	12	11		207
		80		4.8 4.8	3.5	3.75	13			
							Kenyon		O.A.R.	
									5599 - 207	
									5392 : 96.3	
										054266

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final O_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
1-2/3-85		C	7.8	7.9					3244900	
				8.0 8.0						
	BP	1		6.3	1.7	300	510			
		2		6.0	2.0	150	300	387	10470 -5573	10470
		3		4.5	3.5	100	350		4897 = 46.8	
	AP	2		6.7	1.3	150	195			
		3		5.8	2.2	100	220	206	5573 -1461	5573
		4		5.3	2.7	75	203		4112 = 73.8	
	AI	6		6.9	1.1	50	55			
		8		6.6	1.4	37.5	53	54	1461 -270	1461
		10		6.2	1.8	30	54		1191 = 81.5	
	S	50		6.4	1.6	6	10			
		60		6.0	2.0	5	10	10		270
		80		5.6	2.4	3.75	9			
									O.A.R.	
									10470 -270	
					Kenyon				10200 = 97.4	

054267

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final O_2 Used	Dilution Factor	B.O.D. ppm	Flow gal./day	B.O.D. lbs./day
1-½-85									

Mill Starting

Fenton

054268