179139

April - 1985

B.O.D.

05432

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
4-30-85		C	8.3	8.3					2722300	
				8.3 8.3						
				6.0	2.30					
	BP	1		5.8	2.5	300	690			
		2		5.0	3.3	150	375	465	10561	10561
		3				100	330		-6314	
									4247 = 40.0	
	AP	2		6.3	2.0	150	300			
		3		5.6	2.7	100	270	278		6.314
		4		4.8	3.5	75	263		-6314 -2589	
									3725 = 59.0	
	AI	6		5.9	2.4	50	120			
		8		5.2	3.1	37.5	116	114		2589
		10		4.8	3.5	30	105		2589 -227	
									2362 = 91.0	
	S	50		6.7	1.6	6	10			
		60		6.0	2.3	5	12	10		2.27
		80		5.8	2.5	3.75	9			
					Zemyan					
									O.A.R.	
									10561 -227	
									10334 = 98.0	
										054329

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
4-30-85		C	7.8	7.5					2237800	
				7.5 7.5						
	BP	1		4.3	3.2	300	960		12476 - 579B	
		2		4.1	3.4	150	610	667	6028 =	12476
		3		2.2	4.3	100	630		54.0	
	AP	2		5.5	2.0	150	300		579B - 1440	
		3		4.2	3.3	100	330	310	435B =	579B
		4		3.5	6.0	75	300		75.0	
	AI	6		5.9	1.6	50	80		1440 - 131	
		8		5.5	2.0	37.5	75	77	1309 =	1440
		10		5.0	2.5	30	75		91.0	
	S	50		6.8	0.7	6	4			
		60		5.9	1.6	5	8	7		131
		80		5.4	2.1	3.75	8			
									12476 - 131	
							C.A.P.		12345 =	
									99.0	

054330

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final O_2 Used	Dilution Factor	D.O.D. ppm		Flow gal./day	D.O.D. lbs./day
4 28/29-85		C	8.0	7.8					2371100	
				7.8 7.9						
	BP	1		5.5	2.3	300	690			
		2		7.7	0.1	150	16	242		4789
		3		7.6	0.2	100	20			
	AP	2		5.4	2.4	150	360		5897 - 1088	
		3		5.0	2.0	100	200	298	4809 =	5897
		4		6.4	3.4	75	255		87.0	
	AI	6		6.7	1.1	50	55		1088 - 178	
		8		6.4	1.4	37.5	53	55	910 =	1088
		10		5.9	1.9	30	57		84.0	
	S	50		6.5	1.3	6	8			
		60		6.1	1.7	5	9	9		178
		80		5.5	2.3	3.75	9			
									5897 - 178	
									5719 =	
							Hartman		97.0	

054331

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
4-27/28-85		C	8.2	8.2					2548400	
				8.2 8.1						
	BP	1		6.5	1.65	300	495			
		2		6.0	2.15	150	323	378	8049 - 5451	8049
		3		5.0	3.15	100	315		2598 = 32.0	
	AP	2		6.2	1.95	150	293			
		3		5.7	2.45	100	245	256	5451 - 1427	5451
		4		5.1	3.05	75	229		4024 = 74.0	
	AI	6		6.7	1.45	50	73			
		8		6.4	1.75	37.5	66	67	1427 - 170	1427
		10		6.1	2.05	30	62		1257 = 88.0	
	S	50		6.8	1.35	6	8			
		60		6.6	1.55	5	8	8		170
		80		6.2	1.95	3.75	7			
									O.A.R. 8049 - 170	
						Kenyon			7879 = 98.0	

054332

Lat

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
4-26/27-85		C	8.3	8.2					2709700	
				8.3 8.3						
	BP	1		6.6	1.7	300	510			
		2		7.8	1.5	150	75	208		4707
		3		7.9	1.4	100	40			
	AP	2		4.3	2.0	150	300		5883 - 679	
		3		5.9	2.4	100	240	240	5204 = 88.1	5883
		4		5.1	3.2	75	240			
	AI	6		7.8	0.5	50	25		679 - 158	
		8		7.3	1.0	37.5	38	30	521 = 77.1	679
		10		7.4	1.9	30	27			
	S	50		7.0	1.3	6	8			
		60		7.0	1.3	5	7	7		158
		80		6.7	1.6	3.75	6			
									5883 - 158	
							O.A.C.		5725 = 97.1	

054333

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
4-~~22~~26-85		C	8.0	8.0					2672700	
				8.0 8.0						
	BP	1		6.2	1.8	300	540			
		2		5.8	2.1	150	330	393	-8762 6176	8762
		3		4.9	3.1	100	310		2586 = 29.5	
	AP	2		5.9	2.1	150	315			
		3		5.4	2.6	100	260	277	-6176 1382	6176
		4		4.6	3.4	75	255		4794 = 77.6	
	AI	6		6.8	1.2	50	60			
		8		6.3	1.7	37.5	64	62	-1382 178	1382
		10		5.9	2.1	30	63		1204 = 87.1	
	S	50		6.9	1.1	6	7			
		60		6.5	1.5	5	8	8		178
		80		6.0	2.0	3.75	8			
									O.A.R.	
						Kenyon			8762 -178	
									8584 = 98.0	

054384

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
4/24/85-85		C	7.5	7.5					2761300	
			"	7.5 7.5						
	BP	1		6.0	1.5	300	450			
		2		5.8	1.7	150	255	318	7329 - 6361	7329
		3		5.0	2.5	100	250		968 = 13.2	
	AP	2		5.4	2.1	150	315			
		3		5.0	2.5	100	250	276	6361 - 1291	6361
		4		4.0	3.5	75	263		5070 = 79.7	
	AI	6		6.8	.7	50	35			
		8		5.8	1.7	37.5	64	56	1291 - 184	1291
		10		5.2	2.3	30	69		1107 = 85.7	
	S	50		6.2	1.3	6	8			
		60		5.9	1.6	5	8	8		184
		80		5.4	2.1	3.75	8			
									O.A.R.	
						Kenyon			7329 - 184	
									7145 = 97.5	

054335

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
4-23/24-85		C	7.5	7.4					2919700	
				7.5 7.4						
	BP	1		6.4	1.05	300	315			
		2		5.8	1.65	150	248	266	-4121	6486
		3		5.1	2.35	100	235		2365 : 36.5	
	AP	2		6.3	1.15	150	173			
		3		5.8	1.65	100	165	169	-1877	4121
		4		5.2	2.25	75	169		2244 : 54.5	
	AI	6		5.8	1.65	50	83			
		8		5.5	1.95	37.5	73	77	-195	1877
		10		5.0	2.45	30	74		1682 : 89.6	
	S	50		6.3	1.15	6	7			
		60		5.8	1.65	5	8	8		195
		80		5.0	2.45	3.75	9			
									O.A.R.	
									6486	
									-195	
									6291 : 97.0	
						Kenyon				

054336

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
4·22/23·85		C	7.8	7.8					2778300	
				7.8 7.8						
	BP	1		6.0	1.8	300	540			
		2		5.7	2.1	150	315	392	9099 - 4921	9099
		3		4.6	3.2	100	320		4178 : 45.9	
	AP	2		6.2	1.6	150	240			
		3		5.8	2.0	100	200	212	4921 - 2043	4921
		4		5.2	2.6	75	195		2878 : 58.5	
	AI	6		5.9	1.9	50	95			
		8		5.6	2.2	37.5	83	88	2043 - 186	2043
		10		4.9	2.9	30	87		1857 : 90.9	
	S	50		6.9	.9	6	5			
		60		6.1	1.7	5	9	8		186
		80		5.0	2.8	3.75	11			
									O.A.R. 9099 - 186	
						Kenyon			8913 : 98.0	

054337

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
4-24/22-85		C	7.8	7.7					2661600	
				7.7 7.7						
	BP	1		5.8	1.9	300	570			
		2		5.6	2.1	150	315	412	-9151 / 5419	9151
		3		4.2	3.5	100	350		3732 : 40.8	
	AP	2		5.9	1.8	150	270			
		3		5.4	2.3	100	230	244	5419 / -2087	5419
		4		4.6	3.1	75	233		3332 : 61.5	
	AI	6		5.8	1.9	50	95			
		8		5.3	2.4	37.5	90	94	2087 / -200	2087
		10		4.5	3.2	30	96		1887 : 90.4	
	S	50		6.9	.8	6	5			
		60		5.8	1.9	5	10	9		200
		80		4.6	3.1	3.75	12			
									O.A.R. 9151 / -200 : 8951 = 97.8	
						Kenyon				

054338

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
4-30/2-85	C		7.1	7.2					2714100	
				7.2 7.2						
	AE	6		6.1	1.1	50	55			
		8		5.6	1.6	37.5	60	85	1923 -113	1923
		10		5.4	1.8	30	54		1810 = 94.1	
	Sec.	50		6.4	.8	6	5			
		40		6.2	1.0	5	5	5		113
		30		6.0	1.2	3.75	5			

Kemp

054339

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
4-16-85	C		7.4	7.5					28440000	
				7.5 7.5						
	HI	6		5.2	2.3	50	115			
		8		4.4	3.1	37.5	116	112	2656 -166	2656
		10		4.0	3.5	30	105		2490 : 93.8	
*	Sec.	50		6.8	.7	6	4			
		100		6.0	1.5	5	9	7		166
		80		5.6	1.9	3.75	7			

* SECONDARY SAMPLE IS GRAB

Kenyon

054340

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
4-19-85		C	8.3	8.3					2796900	
				8.3 8.3						
	BP	1		5.4	2.9	300	870			
		2		5.2	3.1	150	465	622	14542 - 8019	14542
		3		3.0	5.3	100	530		6523 : 44.9	
	AP	2		5.8	2.5	150	375			
		3		5.0	3.3	100	330	343	8019 - 1707	8019
		4		4.0	4.3	75	323		6312 : 78.7	
	AI	6		6.9	1.4	50	70			
		8		6.2	2.1	37.5	79	73	1707 - 281	1707
		10		6.0	2.3	30	69		1426 : 83.5	
	S	50		6.4	1.9	6	11			
		60		5.4	2.9	5	15	12		281
		80		5.3	3.0	3.75	11			
									O.A.R 14542 - 281	
									14261 : 98.1	
						Kenyon				

054341

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
4-17/18-85		C	8.2	8.2					2911100	
				8.2 8.2						
	BP	1		6.0	2.2	300	660			
		2		5.6	2.6	150	390	490	11663 -4131	11663
		3		4.0	4.2	100	420		7532 : 646	
	AP	2		7.0	1.2	150	180			
		3		6.4	1.8	100	180	170	4131 -2090	4131
		4		6.2	2.0	75	150		2041 : 49.4	
	AI	6		6.4	1.8	50	90			
		8		6.0	2.2	37.5	83	86	2090 -267	2090
		10		5.4	2.8	30	84		1823 : 87.2	
	S	50		6.8	1.4	6	8			
		60		5.4	2.8	5	14	11		267
		80		5.0	3.2	3.75	12			
									O.A.R.	
									11663 -267	
					Kenyon				11396 : 97.7	

054342

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
4-14/21-85		C	7.8	8.0					2872200	
				8.0 8.2						
	BP	1		6.4	1.7	300	510			
		2		6.1	2.0	150	300	347	8316 - 6998	8316
		3		5.8	2.3	100	230		1318 : 16.0	
	AP	2		6.0	2.1	150	315			
		3		5.2	2.9	100	290	292	6998 - 2420	6998
		4		4.5	3.6	75	270		4578 : 84.6	
	AI	6		6.0	2.1	50	105			
		8		5.4	2.7	37.5	101	101	2420 240	2420
		10		4.9	3.2	30	96		2180 : 90.1	
	S	50		6.8	1.3	6	8			
		60		6.0	2.1	5	11	10		240
		80		4.9	3.2	3.75	12			
									O.A.R 8316 -240	
					Kenyon				8076 : 97.1	

054343

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
4-13/16-05		C	8.3	8.3					2646300	
				8.3 8.3						
	BP	1		6.1	2.2	300	660		9692 - 6771	
		2		6.0	2.3	150	345	438	2921 =	9692
		3		6.2	3.1	100	310		310	
	AP	2		6.0	2.3	150	345		6771 - 2633	
		3		6.2	3.1	100	310	306	4138 =	6771
		4		6.8	3.5	75	263		600	
	AE	6		5.6	2.7	50	135		2633 - 288	
		8		6.3	3.0	37.5	113	119	2345 =	2633
		10		6.7	3.6	30	108		87.1	
	SE	50		6.6	4.7	6	10			
		60		6.9	2.4	5	12	13		288
		80		4.0	0.3	3.75	14			
								D.A.R.	9692 - 288	
									9404 =	
					Hardman				97.0	

054344

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
4-14/15-85		C	8.3	8.1					2780300	
				8.0 8.1						
	BP	1		5.1	3.0	300	900		13626 - 7916	
		2		6.9	3.2	150	450	587	5710 =	13626
		3		4.3	5.8	100	300		41.9	
	AP	2		5.5	2.6	150	390		7916 - 2507	
		3		5.0	3.1	100	510	341	5409 =	7916
		4		3.8	4.3	75	323		68.3	
	AI	6		6.1	2.0	50	100		2507 - 348	
		8		4.6	3.5	37.5	131	108	2159 =	2507
		10		5.0	3.1	30	93		86.1	
	S	50		6.5	2.6	6	16			
		60		5.1	3.0	5	15	15		348
		80		4.3	3.8	3.75	14			
							O.A.B.		13626 - 348	
					Hartman				13278 =	
									97.4	

054345

Subs.

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
4-13/14-85		C	8.3	8.3					2802600	
				8.3 8.3						
	BP	1		6.7	1.6	300	480			
		2		6.5	1.8	150	270	337	7879 - 5447	7879
		3		5.7	2.6	100	260		2432 = 30.9	
	AP	2		6.5	1.8	150	270			
		3		6.2	2.1	100	210	233	5447 - 3554	5447
		4		5.4	2.9	75	218		1893 = 34.8	
	AI	6		5.0	3.3	50	165			
		8		4.3	4.0	37.5	150	152	3554 - 491	3554
		10		3.6	4.7	30	141		3063 = 86.2	
	S	50		5.6	2.7	6	16			
		60		4.0	4.3	5	22	21		491
		80		2.0	6.3	3.75	24			

O.A.R.
7879
-491
7388 = 93.8

Kenyon

054346

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
4-13/13-85		C	8.3	8.3					2817200	
				8.3 8.3						
	BP	1		6.5	1.8	300	540			
		2		6.2	2.1	150	315	382	8995 -5722	8995
		3		5.4	2.9	100	290		3273 : 36.4	
	AP	2		6.4	1.9	150	285			
		3		6.2	2.1	100	210	243	5722 -3650	5722
		4		5.2	3.1	75	233		2072 : 36.2	
	AI	6		5.0	3.3	50	165			
		8		4.2	4.1	37.5	154	155	3650 -565	3650
		10		3.4	4.9	30	147		3085 : 84.5	
	S	50		5.4 5.4	2.9	6	17			
		60		2.2	6.1	5	31	24		565
		80		~~1.0~~	—	3.75				
									O.A.R. 8995 -565	
					Kenyon				8430 : 93.7	

054347

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
4-1½-85		C	8.4	8.4					2704000	
				8.4 8.4						
	BP	1		5.2	3.2	300	960			
		2		4.6	3.8	150	570	683	15398 -7665	15398
		3		3.2	5.2	100	520		7733 : 50.2	
	AP	2		6.2	2.1	150	330			
		3		4.8	3.6	100	360	340	7665 -2097	7665
		4		4.0	4.4	75	330		5568 : 72.6	
	AI	6		6.4	2.0	50	100			
		8		6.2	2.2	37.5	83	93	2097 -541	2097
		10		5.2	3.2	30	96		1556 : 74.2	
	S	50		4.5 4.4	3.9	6	23			
		60		3.2 3.2	5.2	5	26	24		541
		80		2.2 2.1	6.2	3.75	23			
									O.A.R. 15398 -541	
									14857 : 96.5	

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
4-2-85		C	8.3	8.3					2700500	
				8.3 8.3						
	BP	1		6.1	2.2	300	660			
		2		6.0	2.3	150	345	445	10033 -6899	10033
		3		5.0	3.3	100	330		3134 = 31.2	
	AP	2		6.2	2.1	150	315			
		3		5.2	3.1	100	310	306	6899 -2796	6899
		4		4.4	3.9	75	293		4103 = 59.5	
	AI	6		5.6	2.7	50	135			
		8		5.0	3.3	37.5	124	124	2796 -293	2796
		10		4.5	3.8	30	114		2503 = 89.5	
	S	50		6.6	1.7	6	10			
		60		5.8	2.5	5	13	13		293
		80		4.4	3.9	3.75	15			
									O.A.R	
						Kenyon			10033 -293	
									9740 = 97.1	

054349

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
4-30-85		C	8.0	8.0					2618000	
				8.0 8.0						
	BP	1		6.0	2.0	300	600			
		2		5.8	2.2	150	330	397	8685 - 7591	8685
		3		5.4	2.6	100	260		1094 : 12.6	
	AP	2		5.6	2.4	150	360			
		3		4.2	3.8	100	380	347	7591 - 2472	7591
		4		4.0	4.0	75	300		5119 : 67.4	
	AI	6		5.9	2.1	50	105			
		8		4.8	3.2	37.5	120	113	2472 - 284	2472
		10		4.2	3.8	30	114		2188 : 88.5	
	S	50		6.4 6.3	1.6	6	10			
		60		5.0 5.0	3.0	5	15	13		284
		80		4.0	4.0	3.75	15			
									O.A.R. 8685 - 284	
									8401 : 96.7	
						Kenyon				

C54350

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
4-8/9-85		C	8.3	8.4				2851300	
				8.3 8.3					
	BP	1		6.9	1.4	300	420		
		2		6.1	2.2	150	330 } 343	8153 -3993	7153
		3		5.5	2.8	100	280	4160 = 51.0	
	AP	2		7.0	1.3	150	195		
		3		6.7	1.6	100	160 } 169	3993 -1640	[illegible]
		4		6.3	2.0	75	150	2353 = 58.9	
	AI	6		6.9	1.4	50	70		
		8		6.6	1.7	37.5	64 } 69	1640 -238	[illegible]
		10		5.9	2.4	30	72	1402 = 85.5	
	S	50		6.8	1.5	6	9		
		60		6.1	2.2	5	11 } 10		238
		80		5.6	2.7	3.75	10		
								O.A.R.	
								8153 -238	
								7915 = 97.1	
						Kenyon			

054351

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
4-7-85									
				Mill		Down		24 Hrs	
					Easter				
					Kenyon				

054352

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
9-9/7-85		C	7.5	7.5					2914000	
				7.5 7.5						
	AC	6		6.2	1.3	50	65			
		8		5.8	1.7	37.5	64	64	1555 -194	1555
		10		5.4	2.1	30	63		1361 : 87.5	
	Sea	50		6.6	.9	6	5			
		60		5.8	1.7	5	9	8		194
		80		4.8	2.7	3.75	10			

Kenyon

054353

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
4-5/6-86		C	7.0	7.0					2.46 3700	
				7.0 7.0						
	AI	6		5.6	1.4	50	70			
		8		4.9	2.1	37.5	79	74	1829 - 346	1829
		10		4.6	2.4	30	72		1483 = 81.1	
	Exc.	50		5.0	2.0	6	12			
		60		4.0	3.0	5	15	14		346
		70		3.4	3.6	3.75	14			

Kenyon

054354

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
4-15-85		C	8.6	8.6					3010600	
				8.6 8.6						
	BP	1		7.0	1.6	300	480			
		2		6.0	2.6	150	390	397	9978 -7716	9978
		3		5.4	3.2	100	320		2262 = 22.7	
	AP	2		6.6	2.0	150	300			
		3		5.8	3.2	100	320	307	7716 -3619	7716
		4		4.6	4.0	75	300		4097 = 53.1	
	AI	6		5.8	3.2	50	160			
		8		5.0	3.6	37.5	135	144	3619 -327	3619
		10		4.0	4.6	30	138		3292 = 91.0	
	S	50		6.5	2.1	6	13			
		60		6.0	2.6	5	13	13		327
		80		5.2	3.4	3.75	14			
									O.A.R. 9978 -327	
					Kenyon				9651 = 96.7	

054355

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
4-3/4-85		C	8.4	8.4					2746700	
				8.4 8.4						
	BP	1		6.0	2.4	300	720			
		2		5.6	2.8	150	420	513	11780 - 8198	11780
		3		4.4	4.0	100	400		3582 ÷ 30.4	
	AP	2		6.0	2.4	150	360			
		3		4.6	3.8	100	380	357	8198 - 2284	8198
		4		4.0	4.4	75	330		5994 ÷ 73.1	
	AI	6		6.4	2.0	50	100			
		8		5.8	2.6	37.5	98	96	2204 - 184	2204
		10		5.4	3.0	30	90		2020 ÷ 91.6	
	S	50		7.1	1.3	6	8			
		60		6.8	1.6	5	8	8		184
		80		6.0	2.4	3.75	9			
					Kenyon				O.A.R. 11780 - 184	
									11596 ÷ 98.4	

054356

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
4-16-85	C		8.3	8.3					2761800	
				8.3 8.3						
	BP	1		6.8	1.5	300	450			
		2		6.0	2.3	150	345	348	8020 -3872	8020
		3		5.8	2.5	100	250		4148 : 51.7	
	AP	2		7.2	1.1	150	165			
		3		6.8	1.5	100	150	168	3872 -1544	3872
		4		5.8	2.5	75	188		2328 : 60.1	
	AI	6		6.8	1.5	50	75			
		8		6.6	1.7	37.5	64	67	1544 -254	1544
		10		6.2	2.1	30	63		1290 : 83.5	
	S	50		6.4	1.9	6	11			
		60		6.2	2.1	5	11	11		254
		80		5.6	2.7	3.75	10			
						Kenyon			O.A.R. 8020 -254 7766 : 96.8	

65-68°F Incubator

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
4-1/2-85		8.3		8.3					2741500	
				8.3 8.3						
	BP	1		6.9	1.4	300	420		6132 - 5194	
		2		7.0	1.3	150	195	268	938 =	6132
		3		6.4	1.9	100	190		15.3	
	AP	2		6.8	1.5	150	225		5194 - 1373	
		3		6.0	2.3	100	230	227	3821 =	5194
		4		5.3	3.0	75	225		73.6	
	AI	6		7.1	1.2	50	60		1373 - 320	
		8		6.7	1.6	37.5	60	60	1053 =	1373
		10		6.3	2.0	30	60		76.7	
	S	20		6.2	2.1	6	13			
		40		5.4	2.9	5	15	14		320
		80		4.3	4.0	3.75	15			
							O.A.E.		6132 - 320	
									5812 =	
									94.8	
						Hershman				

054358