17914 2

B.O.D. Sheets

~~May~~ 1985

June

054391

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
5-30-85			8.3	8.3				2618900	
				8.3 8.2					
	BP	1		6.4	1.86	300	~~558~~		
		2		5.7	2.56	150	384 } 345	-0-	7539
		3		5.2	3.06	100	306		
	AP	2		6.0	2.25	150	338		
		3		5.4	2.85	100	285 } 301	6585	6585
		4		4.5	3.75	75	281	-1932	
								3653 = 55.5	
	AI	6		5.2	3.05	50	153		
		8		4.8	3.45	37.5	129 } 134	2932	2932
		10		4.3	3.95	30	119	-524	
								2408 = 82.1	
	S	25		6.0	2.[illegible]	12	[illegible]		
		35		5.5	2.76	8.6	24 } 24		524
		50		4.9	3.36	6	20		
								O.A.R.	
						Kenyon		7539	
								-524	
								7015 = 93.0	

C54392

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
6-24/30-85	C		8.0	8.0				2688200	
				8.0 8.0					
	AI	6		4.9	3.1	50	155		
		8		3.5	4.5	57.5	169 } 158	3549 -559	3549
		10		3.0	5.0	30	150	2990 = 84.2	
	Sec.	25		5.5	2.5	12	30		
		35		5.1	2.7	8.6	25 } 25		[illegible]
		50		4.5	3.5	6	21		

Kenyon

054393

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
11-30/12-05	C		8.0	8.0					2647400	
				8.0 8.0						
	II	6		4.6	3.4	50	170			
		8		3.1	4.9	37.5	184	171	3784 -575	3784
		10		2.7	5.3	30	159		3209 = 84.1	
*	Sec.	25		5.3	2.7	12	32			
		35		5.0	3.0	8.6	26	26		575
		50		4.7	3.3	6	20			

Kenyon

* Secondary Sample is GRAB — Secondary Sampler NOT WORKING

054394

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
6-27/28-85		C	8.2	8.2					2750800	
				8.2 8.2						
	BP	1		5.9	2.3	300	690			
		2		5.2	3.0	150	450	487	11183 -7715-	11183
		3		5.0	3.2	100	320		3468 : 36.0	
	AP	2		5.9	2.3	150	345			
		3		4.8	3.4	100	340	336	7715 -4868	7715
		4		3.9	4.3	75	323		2847 : 36.9	
	AI	6		4.0	4.2	50	210			
		8		2.5	5.7	37.5	214	212	4868 -689	4868
		10		~~1.4~~	—	30			4179 : 85.8	
	S	25		5.4	2.8	12	34			
		35		4.7	3.5	8.6	30	30		689
		50		4.0	4.2	6	25			
									O.A.R.	
									11183 -689	
						Kenyon			10494 : 93.8	

054395

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
6-26/27-85		C	8.3	8.2					2498600	
				8.3 8.2						
	BP	1		6.2	2.05	300	615			
		2		5.8	2.45	150	368	423	8830 -2367	8830
		3		5.4	2.85	100	285		2463 : 28.0	
	AP	2		5.8	2.45	150	368			
		3		5.6	2.65	100	265	3.05	6367 -5490	6367
		4		4.5	3.75	75	281		877 : 13.8	
	AI	6		3.0	5.25	50	263			
		8		1.7	—	37.5		263	5490 -1002	5490
		10		0 0	—	30			4488 : 81.7	
	S	25		4.2 4.2	4.05	12	49			
		35		2.9 2.7	5.35	8.6	46	48		1002
		50		.4 0	—	6				
									O.A.R. 8830 -1002	
					Kenyon				7828 : 88.7	

054396

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
6-29/26 85			8.2	8.2					2527000	
				8.2 8.2						
	BP	1		6.6	1.6	300	480			
		2		6.0	2.2	150	330	373	7880 -5810	7880
		3		5.1	3.1	100	310		2070 : 26.3	
	AP	2		6.0	2.2	150	330			
		3		5.5	2.7	100	270	275	5810 -3169	5810
		4		5.2	3.0	75	225		2641 : 45.5	
	AI	6		5.2	3.0	50	150			
		8		4.2	4.0	37.5	150	150	3169 -866	3169
		11		3.2	5.0	30	150		2303 : 72.7	
	Sec.	25		4.5	3.7	12	44			
		35		3.0 2.9	5.2	8.6	45	41		866
		50		2.4 2.4	5.8	6	35			
									O.A.R.	
									7880 -866	
									7014 = 89.0	
						Kenyon				
										059397

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
-6 24/25-85		C	8.2	7.7					2863500	
				7.9 8.0						
	BP	1		3.9	4.0	300	1200		14735 - 7236	
		2		5.5	2.4	150	360	617	7499 =	14735
		3		5.0	2.9	100	290		50.9	
	AP	2		5.8	2.1	150	315		7236 - 2340	
		3		4.8	3.1	100	310	303	4896 =	7236
		4		4.1	3.8	75	285		67.7	
	A1	6		5.6	2.3	50	115		2340 - 430	
		8		5.3	2.6	37.5	98	98	1910 =	2340
		10		5.2	2.7	30	81		81.6	
	S	25		5.5	2.0	12	24			
		35		6.0	1.9	8.6	16	18		430
		50		5.6	2.3	6	14			
							C.A.R.		14735 - 430	
									14305 =	
									97.1	
						Hartman				

054398

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
6-23/24-85								2343500	
				Mill		Down			

054399

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
6-22/23-85									

Mill Down

054400

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
6-21/22-85		C	8.0	8.0					3303200	
				8.0 8.0						
	BP	1		5.9	2.1	300	630			
		2		4.7	3.3	150	495	502	13833 - 8625	13833
		3		4.2	3.8	100	380		5208 = 37.6	
	AP	2		5.6	2.4	150	360			
		3		5.2	2.8	100	280	313	8625 - 5208	8625
		4		4.0	4.0	75	300		3417 = 39.6	
	AI	6		4.0	4.0	50	200			
		8		3.0	5.0	37.5	188	189	5208 - 827	5208
		10		2.0	6.0	30	180		4381 = 84.1	
	S	25		5.7 5.6	2.3	12	28			
		35		4.5	3.5	8.6	30	30		827
		50		2.8 2.8	5.2	6	31			
									O.A.R.	
									13833 - 827	
						Kenyon			13006 = 94.0	
										054401

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
6-3/4-85		C	8.0	8.0					2829200	
				8.0 8.0						
	BP	1		4.8	3.2	300	960		11086 - 7869	
		2		5.8	2.2	150	330	583	4017 =	11086
		3		4.8	2.2	100	320		34.0	
	AP	2		5.4	2.6	150	390		7869 - 4301	
		3		5.0	3.0	100	300	333	3568	7869
		4		2.7	4.1	75	308		45.3	
	AI	6		4.3	3.7	50	185		4301 - 756	
		8		3.2	4.8	37.5	180	182	3545	4301
		10		2.0	6.0	30	180		92.4	
	S	25		5.5	2.5	12	30			
		35		4.5	3.5	8.6	30	32		756
		50		2.3	5.7	.6	34			
							O.A.R.		11086 - 756	
									11130	
									93.6	
					Hardman					
										054402

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
6-18-85		C	8.3	8.3					2724500	
				8.3 8.3						
	BP	1		6.2	2.1	300	630			
		2		5.8	2.5	150	375	452	10266	10266
		3		4.8	3.5	100	350		-6973	
									3293 : 32.1	
	AP	2		6.0	2.3	150	345			
		3		5.4	2.9	100	290	307	-6973	6973
		4		4.5	3.8	75	285		-3339	
									3634 : 52.1	
	AI	6		5.2	3.1	50	155			
		8		4.4	3.9	37.5	146	147	3339	3339
		10		3.6	4.7	30	141		-772	
									2567 = 76.9	
	S	25		6.1	2.2	12	26			
		35		5.3	3.0	8.6	26	34		772
		50		2.9 2.9	5.4	6	50			
									O.A.R.	
									10266	
									-772	
									9494 = 92.5	
						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
6-18/19-85		C	8.3	8.2					2722100	
				8.2 8.2						
	BP	1		5.8	2.4	300	720			
		2		5.1	3.1	150	465	535	12151 -9039	12151
		3		4.0	4.2	100	420		3112 = 25.6	
	AP	2		5.0	3.2	150	480			
		3		4.2	4.0	100	400	398	9039 -3543	9039
		4		4.0	4.2	75	315		5496 = 60.8	
	AI	6		5.0	3.2	50	160			
		8		4.2	4.0	37.5	150	156	3543 -795	3543
		10		2.9	5.3	30	159		2748 = 77.6	
	S	25		5.4	2.8	12	34			
		35		3.6	4.6	8.6	40	35		795
		50		3.0	5.2	6	31			
									O.A.R. 12151 -795	
									11356 = 93.5	
							Kenyon			

054404

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
6-17/18-85		C	8.0	7.9					2640900	
				8.0 8.0						
	BP	1		5.4	2.6	300	780			
		2		5.2	2.8	150	420	550	12124 - 9655	12124
		3		3.5	4.5	100	450		2469 = 20.4	
	AP	2		4.5	3.5	150	525			
		3		4.0	4.0	100	400	438	9655 - 3968	9655
		4		2.8	5.2	75	390		5687 = 58.9	
	AI	6		4.4	3.6	50	180			
		8		3.2	4.8	37.5	180	180	3968 - 838	3968
		10		~~4.0 4.0~~		30			3130 = 78.9	
	S	25		4.9	3.1	12	37			
		35		3.6 3.5	4.4	8.6	38	38		838
		50		0 0		6				
									O.A.R 12124 - 838	
									11286 = 93.1	
						Kenyon				

054405

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
6-18/19-85		C	8.3	8.3					2725600	
				8.2 8.2						
	BP	1		6.1	2.1	300	630			
		2		5.8	2.4	150	360	430	9802 -8434	9802
		3		5.2	3.0	100	300		1368 : 14.0	
	AP	2		5.2	2.4	150	360			
		3		4.0	4.2	100	420	370	8434 -3670	8434
		4		3.8	4.4	75	330		4764 : 56.5	
	AI	6		5.0	3.2	50	160			
		8		4.0	4.2	37.5	158	161	3670 -707	3670
		10		2.7	5.5	30	165		2963 : 80.7	
	S	25		5.9	2.3	12	28			
		35		4.7	3.5	8.6	30	31		707
		50		2.5	5.7	6	34			
									O.A.R.	
						Kenyon			9802 -707	
									9095 : 92.8	

C54406

Sien

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
6-26-85		C	7.9	7.9				2666400	
				7.9 8.0					
	BP	1		6.0	1.95	300	585		
		2		5.7	2.25	150	338 } 423	9431 -8115	9431
		3		4.5	3.45	100	345	1316 = 14.0	
	AP	2		5.4	2.55	150	383		
		3		4.2	3.75	100	375 } 364	8115 -3233	8115
		4		3.5	4.45	75	334	4882 = 60.2	
	AI	6		5.2	2.75	50	138		
		8		4.5	3.45	37.5	129 } 145	3233 -580	3233
		10		2.4	5.55	30	167	2653 = 82.1	
	S	25		6.1	1.85	12	22		
		35		5.0 5.0	2.95	8.6	25 } 26		580
		50		2.9	5.05	6	30		
								O.A.R.	
						Kenyon		9431 -580	
								8851 = 94.9	

054607

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
6-11/5-85		C	8.0	8.0					2706600	
				8.0 8.0						
	BP	1		5.4	2.6	300	780			
		2		5.2	2.8	150	420	526	11903 -8418	11903
		3		4.2	3.8	100	380		3485 : 29.3	
	AP	2		5.2	2.8	150	420			
		3		4.5	3.5	100	350	372	8418 - 3372	8418
		4		3.4	4.6	75	345		5046 : 60.0	
	AI	6		5.2	2.8	50	140			
		8		4.4	3.6	37.5	135	149	3372 -543	3372
		10		2.3	5.7	30	171		2829 : 83.9	
	S	25		6.4	1.6	12	19			
		35		5.2	2.8	8.6	24	24		543
		50		3.0	5.0	6	30			
									O.A.R. 11903 -543	
					Kenyon				11360 = 95.4	

054408

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
6-13/14-85		C	8.0	8.0					2685000	
				8.0 8.0						
	RP	1		5.8	2.2	300	660			
		2		5.0	3.0	150	450	477	10714 -7637	10714
		3		4.8	3.2	100	320		3077 : 28.7	
	AP	2		5.4	2.6	150	390			
		3		5.0	3.0	100	300	340	7637 -3100	7637
		4		3.6	4.4	75	330		4537 : 59.4	
	AI	6		5.2	2.8	50	140			
		8		4.5	3.5	37.5	131	138	3100 -674	3100
		10		3.2	4.8	30	144		2426 : 78.3	
	S	25		5.7	2.3	12	28			
		35		4.7	3.3	8.6	28	30		674
		50		2.5	5.5	6	33			
									O.A.R. 10714 -674	
						Kenyon			10040 : 93.7	

054409

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
6-12/13-85		C	8.3	8.3					2589600	
				8.3 8.3						
	BP	1		5.0	3.3	300	990			
		2		4.8	3.5	150	525	641	13863 - 7007	13863
		3		4.2	4.1	100	410		6856 : 49.5	
	AP	2		5.8	2.5	150	375			
		3		5.4	2.9	100	290	324	7007 - 2163	7007
		4		4.2	4.1	75	308		4844 : 69.1	
	AI	6		6.2	2.1	50	105			
		8		5.8	2.5	37.5	94	100	2163 - 692	2163
		10		4.9	3.4	30	102		1471 : 68.0	
	S	25		5.2	3.1	12	37			
		35		4.5	3.8	8.6	33	32		692
		50		4.0 3.9	4.3	6	26			
									O.A.R. 13863 - 692	
									13171 : 95.0	
						Kenyon				

054410

Date	Sample	ml. of Sample Used	Initial D.O. ppm	5 Day D.O. ppm	Final B_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
6-1/2-85		C	8.3	8.2					2562100	
				8.2 8.2						
	BP	1		7.0	1.2	300	360			
		2		6.2	2.0	150	300	330	7054 - 5087	7054
		3		4.9	3.3	100	330		1967 = 27.9	
	AP	2		6.8	1.4	150	210			
		3		6.0	2.2	100	220	238	5087 - 1774	5087
		4		4.4	3.8	75	285		3313 = 65.1	
	AI	6		7.0 6.9	1.2	50	60			
		8		5.7	2.5	37.5	94	83	1774 - 705	1774
		10		5.0	3.2	30	96		1069 = 60.3	
	S	25		5.2	3.0	12	36			
		35		4.5	3.7	8.6	32	33		705
		50		3.2	5.0	6	30			
									O.A.R.	
									7054 - 705	
						Kenyon			6349 = 90.0	

054411

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
6-12-85			8.2	8.1					2695600	
				8.1 8.0						
	BP	1		6.4	1.65	300	495			
		2		5.9	2.15	150	323	388	8747 -9124	8747
		3		4.6	3.45	100	345		1623 = 18.6	
	AP	2		5.8	2.25	150	338			
		3		5.0	3.05	100	305	316	7124 -1285	7124
		4		4.0	4.05	75	304		5839 = 82.0	
	AI	6		6.9	1.15	50	58			
		8		6.5	1.55	37.5	58	57	1285 -496	1285
		10		6.2	1.85	30	56		789 = 61.4	
	S	25		5.9	2.15	12	26			
		35		5.6	2.45	8.6	21	22		496
		50		4.8	3.25	6	20			
									O.A.R.	
									8747 -496	
						Kenyon			8251 = 94.3	

054412

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
6-9/10-85		C	7.9	7.9					2145100	
				7.9 7.9						
	BP	1		6.2	1.7	300	510			
		2		5.6	2.3	150	345	402	7217 - 4362	7217
		3		4.4	3.5	100	350		2855 = 39.6	
	AP	2		6.0	1.9	150	285			
		3		5.3	2.6	100	260	243	4362 - 844	4362
		4		4.2	3.7	75	185		3518 = 80.1	
	AI	6		6.9	1.0	50	50			
		8		6.7	1.2	37.5	45	47	844 - 359	844
		10		6.4	1.5	30	45		485 = 57.5	
	S	25		6.0	1.9	12	23			
		35		5.6	2.3	8.6	20	20		359
		50		5.0	2.9	6	17			
									O.A.R. 7217 - 359	
						Kenyon			6858 = 95.0	

054413

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
6-8/9-85		C	7.9	7.8					2246300	
				7.9 7.8						
	BP	1		6.2	1.65	300	495			
		2		5.5	2.35	150	353	378	-0-	7102
		3		5.0	2.85	300	285			
	AP	2		4.5	3.35	150	503			
		3		4.0	3.85	100	385	412	7740 - 2499	7740
		4		3.2	4.65	75	349		5241 : 67.7	
	AI	6		5.0	2.85	50	143			
		8		4.5	3.35	37.5	126	133	2499 - 545	2499
		10		3.5	4.35	30	131		1954 = 78.2	
	S	25		5.5 5.4	2.35	12	28			
		35		4.4	3.45	8.6	30	29		545
		50		2.9 2.9	4.95	6	30			
									O.A.R. 7102 - 545	
							Kenyon			

054414

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
6-7/8-85		C	7.9	7.9					2817000	
				7.9 7.9						
	BP	1		6.0	1.9	300	570			
		2		5.3	2.6	150	390	423	9960 - 9725	9960
		3		4.8	3.1	100	310		235 = 2.4	
	AP	2		4.8	3.1	150	465			
		3		4.0	3.9	100	390	413	9725 - 3179	9725
		4		2.8	5.1	75	383		6546 = 67.3	
	AI	6		5.0	2.9	50	145			
		8		4.4	3.5	37.5	131	135	3179 - 730	3179
		10		3.6	4.3	30	129		2449 = 77.0	
	S	25		5.4	2.5	12	30			
		35		4.5	3.4	8.6	29	31		730
		50		2.4 2.3	5.5	6	33			
									O.A.R. 9960 - 730	
									9230 = 92.7	
						Kenyon				

054415

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
6-17-85		C	7.9	7.9					3003700	
				7.9 8.0						
	BP	1		6.2	1.75	300	525			
		2		5.2	2.75	150	413	418	10471 -7064	10471
		3		4.8	3.15	100	315		3407 : 32.5	
	AP	2		6.0	1.95	150	293			
		3		5.0	2.95	100	295	282	7064 -3282	7064
		4		4.5	3.45	75	259		3782 : 53.5	
	AI	6		5.6	2.35	50	118			
		8		4.4	3.55	37.5	133	131	3282 -777	3282
		10		3.2	4.75	30	143		2505 : 76.3	
	S	25		5.2 5.2	2.75	12	33			
		35		4.0	3.95	8.6	34	31		777
		50		3.8 3.8	4.15	6	25			
									O.A.R.	
									10471 -777	
					Kenyon				9694 : 92.6	

054416

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
6-5/6-85		C	8.0	7.9					25682.00	
				8.0 7.9						
	BP	1		6.9	1.05	300	315			
		2		6.5	1.45	150	218	243		5215
		3		6.0	1.95	100	195			
	AP	2		5.5	2.45	150	368			
		3		4.9	3.05	100	305	323	6931 -1567	6931
		4		4.0	3.95	75	296		5364 = 77.4	
	AI	6		6.6	1.35	50	68			
		8		5.8	2.15	37.5	81	73	1567 -494	1567
		10		5.6	2.35	30	71		1073 = 68.5	
	S	25		5.9	2.05	12	25			
		35		5.4	2.55	8.6	22	23		494
		50		4.4 44	3.55	6	21			
									O.A.R. 5215 -494	
									4721 = 90.5	
						Kenyon				

054417

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
5-4/5-85		C	8.1	8.0					2576500	
				8.0 8.0						
	BP	1		5.9	2.1	300	630			
		2		5.2	2.8	150	420	450	9694 -5644	9694
		3		5.0	3.0	100	300		4050 : 41.8	
	AP	2		6.2	1.8	150	270			
		3		5.4	2.6	100	260	262	5644 -2154	5644
		4		4.6	3.4	75	255		3490 : 41.8	
	AT	6		6.0	2.0	50	100			
		8		5.2	2.8	37.5	105	100	2154 -431	2154
		10		4.8	3.2	30	96		1723 : 80.0	
	S	25		6.4	1.6	12	19			
		35		5.4	2.6	8.6	22	20		431
		50		4.8	3.2	6	19			
									O.A.R. 9694 -431	
						Kenyon			9263 : 95.6	

054415

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
6-3/4-85		C	8.1	8.0					2583500	
				8.0 7.9						
	BP	1		6.9	1.05	300	315			
		2		6.7	1.25	150	188	223	~~4804~~ -0-	4804
		3		6.3	1.65	100	165			
	AP	2		6.2	1.75	150	263			
		3		5.0	2.95	100	295	272	5860 -1400	5860
		4		4.5	3.45	75	259		4460 = 76.1	
	AI	6		6.8	1.15	50	58			
		8		6.0	1.95	37.5	73	65	1400 -280	1400
		10		5.8	2.15	30	65		1120 = .8	
	S	25		6.7	1.25	12	15			
		35		6.4	1.55	8.6	13	13		280
		50		5.9	2.05	6	12			
									O.A.R. 4804 -280	
									4524 = 94.2	
						Kenyon				

054419

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
6-3/3-85		C	8.2	8.2					2143500	
				8.2 8.2						
	BP	1		6.8	1.4	300	420			
		2		6.6	1.6	150	240	277		4950
		3		6.5	1.7	100	170		-0-	
	AP	2		6.0	2.2	150	330			
		3		5.2	3.0	100	300	305	5450 -1251	5450
		4		4.4	3.8	75	285		4199 : 77.0	
	AI	6		6.8	1.4	50	70			
		8		6.2	2.0	37.5	75	70	1257 -268	1251
		10		6.0	2.2	30	66		983 = 78.6	
	S	25		6.9	1.3	12	16			
		35		6.4	1.8	8.6	15	15		268
		50		6.0	2.2	6	13			
									O.A.R. 4950 -268 4682 = 94.6	
						Kenagan				

054420

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
6-1/2-85	C		7.8	7.8					2574410	
				7.7 7.7						
	AE	6		5.2	2.5	50	125			
		8		4.4	3.3	37.5	124	118	2562 = 389	2552
		10		4.2	3.5	30	105		2163 = 84.8	
	Sec.	50		4.8	2.9	6	17			
		60		4.1	3.6	5	18	18		389
		80		2.7	5.0	3.75	19			

Kenyon

054421