179147

B.O.D. Sheets
1985

August
September

054451

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
4-30-85 10-1		C	8.3	8.3					2281200	
				8.1 8.3						
	RP	1		2.9	5.4	300	1620		18752 - 8434	
		2		2.6	5.7	150	855	985	10318 =	18752
		3		3.5	4.8	100	480		55.0	
	AP	2		4.2	4.1	150	615		8434 - 443	
		3		4.4	3.7	100	370	443	6721 =	8434
		4		4.0	4.2	75	323		77.1	
	AI	6		6.1	2.2	50	110		1713 - 609	
		8		6.0	2.3	37.5	86	98	1104 =	1713
		10		5.8	2.5	30	75		67.8	
	S	25		7.4	0.9	12	11			
		35		6.9	1.4	8.6	12	11		209
		50		6.7	1.6	6	10			
									18752 - 207	
							CAIR.		18543 =	
									96.7	

054452

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
9-29/30-85		C	8.3	8.3				2332300	
				8.3 8.3					
	BP	1		10		300			
		2		SAMPLES		150			
		3				100			
	AP	2		6.3	4.0	150	600		
		3		2.1	0.2	100	420	1257 =	8711
		4		3.6	4.7	75	353	61.4	
	AI	6		6.1	2.2	50	110	263	
		8		6.0	2.3	37.5	86	1401 =	
		10		6.3	2.0	30	60	64.7	
	S	25		7.5	0.8	12	10		
		35		6.2	.9	8.6	16		233
		50		6.3	2.0	6	12		

Horton

054453

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
9-28/29-85		C	8.0	8.0				2291000	
				8.0 8.0					
	BP	1		3.2	4.8	300	1440	18204 - 11243	
		2		2.5	5.5	150	825 } 952	6961 =	18204
		3		2.1	5.9	100	590	38.2	
	AP	2		2.6	5.4	150	810	11243 - 3193	
		3		2.9	5.1	100	510 } 588	8050 =	11243
		4		2.1	5.9	75	443	71.6	
	AI	6		4.2	3.8	50	190	3193 - 765	
		8		4.3	3.7	37.5	139 } 167	2428 =	3193
		10		2.3	5.7	30	171	76.0	
	S	25		3.1	4.9	12	59		
		35		4.2	3.8	8.6	33 } 40		765 *
		50		3.2	4.8	6	29		
						Hardman			
							O.A.R.	18204 - 765	
								17439 =	
								95.8	

* Defective Probe

054454

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
9-27/28-85		C	8.0	8.0				2374800	
				8.0 7.9					
	BP	1		1.9	6.1	300	1830	21907 - 11023	
		2		2.1	5.9	150	870 1107	10884 =	21907
		3		1.8	6.2	100	620	47.7	
	AP	2		2.5	5.5	150	825	11023 - 2826	
		3		3.3	4.7	100	470 557	8193 =	11023
		4		3.0	5.0	75	375	74.3	
	AI	6		4.1	5.3	50	165	2826 - 673	
		8		4.3	3.7	37.5	139 143	2153 =	2826
		10		3.8	4.2	30	126	76.2	
	S	25		2.8	4.2	12	50		
		35		5.2	2.8	8.6	24 34		673
		50		3.5	4.5	6	27		
							Hartman		
							C.A.B.	21907 - 673	
								21234 =	
								76.7	

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 2.36	B.O.D. lbs./day
9-24/27-85		C	8.0	8.1				2355900	
				8.1 8.1					
	BP	1		4.8	3.3	300	990	12316	12316
		2		4.4	3.7	150	555 } 625	-6739	
		3		4.9	3.2	100	320	5577 45.1%	
	AP	2		5.5	2.6	150	390	6739	6739
		3		4.8	3.3	100	330 } 347	2266	
		4		3.8	4.3	75	322	4473 = 66.4	
	AI	6		5.5	2.6	50	130	2266	2266
		8		5.0	3.1	37.5	116 } 115	315	
		10		4.8	3.3	30	99	1951 = 86.1	
	S	25		7.0	1.1	12	13.2		
		35		5.8	2.3	8.6	20 } 16		315
		50		5.4	2.7	6	16		
								O.A.R.	
								12316	
								315	
								12001 = 97.4	

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 2.47	B.O.D. lbs./day
9-~~25~~26-85		C	8.3	8.2					2466800	
				8.2 8.2	8.2					
	BP	1		5.0	3.2	300	960			
		2		4.9	3.3	150	495	632	13035 - 7054	13035
		3		3.8	4.4	100	440		5981 : 45.9	
	AP	2		6.1	2.1	150	315			
		3		4.6	3.6	100	360	342	7054 - 1753 75%	7054
		4		3.5	4.7	75	352		5301 = 75.1%	
	AI	6		6.7	1.5	50	75			
		8		5.8	2.4	37.5	90	85	1753 - 103	1753
		10		5.2	3.0	30	90		1650 : 94.1%	
	S	25		7.0	1.2	12	14.4			
		35		6.8	1.4	8.6	12	12		103
		50		6.7	1.5	6	9			
									O.A.R.	
									13035	
									- 103	
									12932 99.2%	

054457

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
9-18/25-85			8.3	8.2					2346600	
				8.2 8.2						
	BP	1		5.7	2.5	300	750			
		2		5.3	2.9	150	435	552	11062 -5571	11062
		3		3.5	4.7	100	470		5491 : 49.6	
	AP	2		6.3	1.9	150	285			
		3		5.5	2.7	100	270	278	5571 -1343	5571
		4		4.5	3.7	75	278		4228 : 75.9	
	AI	6		7.1	1.1	50	55			
		8		6.1	2.1	37.5	79	67	1343 -220	1343
		10		6.0	2.2	30	66		1123 : 83.6	
	S	35		7.1	1.1	12	18			
		35		6.8	1.4	8.6	12	11		220
		50		6.7	1.5	6	9			
									O.A.R. 11062 -220	
						Kenyon			10842 : 98.0	

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
9-23/24-85		C	7.9	8.0					2260300	
				8.0 8.0						
	BP	1		5.5	2.5	300	750			
		2		5.2	2.8	150	420	503	9492 -5265	9492
		3		4.6	3.4	100	340		4227 = 44.5	
	AP	2		6.2	1.8	150	270			
		3		5.1	2.9	100	290	279	5265 -887	5265
		4		4.3	3.7	75	278		4378 : 83.2	
	AI	6		6.9	1.1	50	55			
		8		6.8	1.2	37.5	45	47	-887 -170	887
		10		6.6	1.4	30	42		717 = 80.8	
	S	25		7.3	.7	12	8			
		35		6.8	1.2	8.6	10	9		170
		50		6.6	1.4	6	8			
									O.A.R. 9492 -170	
									9322 = 98.2	

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
9-22/23-85		C	7.9	8.0					2034000	
				7.9 8.0						
	BP	1		6.8	1.15	300	345		4255	
		2		6.4	1.55	150	233	251	-3305	4255
		3		6.2	1.75	100	175		950 = 22.3	
	AP	2		6.7	1.25	150	188			
		3		6.2	1.75	100	175	195	3305	3305
		4		5.0	2.95	75	221		-695	
									2610 = 79.0	
	AI	6		7.2	.75	50	38			
		8		6.8	1.15	37.5	43	41	-695	695
		10		6.6	1.35	30	41		-119	
									576 = 82.9	
	S	25		7.3	.65	12	8			
		35		7.1	.85	8.6	7	7		119
		50		7.0	.95	6	6			
									O.A.R.	
					Kenyon				4255	
									-119	
									4136 = 97.2	

054460

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
9.20/12.85	C		7.3	7.7					1976100	
				7.7 7.7						
	AT	6		6.9	.8	50	40			
		8		6.5	1.2	37.5	45	43	-711 -149	711
		10		6.2	1.5	30	45		562 : 79.0	
	Sec.	25		7.0	.7	12	8			
		35		6.5	1.2	8.6	10	9		149
		50		6.2	1.5	6	9			

Kenyon

054451

Sat.

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
9-30/2-85	C		7.5	8.0					2570900	
				8.1 8.0						
	AE	6		6.8	1.25	50	63			
		8		6.3	1.75	31.5	66	65	1400 -259	1400
		10		5.9	2.15	30	65		1141 = 81.5	
	SPC	25		7.0	1.05	12	13			
		35		6.5	1.55	8.0	13	12		259
		50		6.2	1.85	6	11			

Kenyon

054462

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
9-19/20-85		C	8.3	8.3					2326200	
				8.2 8.3						
	BP	1		6.0	2.25	300	675			
		2		5.9	2.35	150	353	461	8969 -3291	8969
		3		4.7	3.55	100	355		3678 : 41.0	
	AP	2		6.2	2.05	150	308			
		3		5.6	2.65	100	265	272	5291 -1362	5291
		4		5.0	3.25	75	244		3929 : 74.3	
	AI	6		7.1	1.15	50	58			
		8		6.3	1.95	37.5	73	70	1362 -292	1362
		10		5.6	2.65	30	80		1070 : 78.6	
	S	25		6.7	1.55	12	19			
		35		6.6	1.65	8.6	14	15		292
		50		6.5	1.75	6	11			
									O.A.R.	
									8969 -292	
					Kenyon				8677 : 96.7	

054463

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
9-18/19-85		C	8.1	8.1					2348900	
				8.1 8.1						
	BP	1		5.6	2.5	300	750			
		2		5.3	2.8	150	420	493	9674 -5023	9674
		3		5.0	3.1	100	310		4651 = 48.1	
	AP	2		6.4	1.7	150	255			
		3		5.6	2.5	100	250	256	5023 -1629	5023
		4		4.6	3.5	75	263		3394 = 67.6	
	AI	6		6.7	1.4	50	70			
		8		5.5	2.6	37.5	98	83	1629 -314	1629
		10		5.4	2.7	30	81		1315 = 80.7	
	S	25		6.6	1.5	12	18			
		35		6.1	2.0	8.6	17	16		314
		50		6.0	2.1	6	13			
									O.A.R. 9674 -314	
									9360 = 96.8	
						Kenyon				

054464

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
9-17/18-85		C	8.1	8.0					2340700	
				8.1 8.1						
	BP	1		4.5	3.6	300	1080			
		2		3.8	4.3	150	645	778	15201 -7210	15201
		3		2.0 1.9	6.1	100	610		7991 = 52.6	
	AP	2		5.4	2.7	150	405			
		3		4.3	3.8	100	380	369	7210 -2384	7210
		4		3.8 3.8	4.3	75	323		4826 = 66.9	
	AI	6		5.4 5.4	2.7	50	135			
		8		5.1	3.0	37.5	113	122	2384 -313	2384
		10		4.2	3.9	30	117		2071 = 86.9	
	S	25		6.5 6.4	1.6	12	19			
		35		6.2 6.2	1.9	8.6	16	16		313
		50		6.0 6.0	2.1	6.	13			
									O.A.R.	
									15201 -313	
									14888 = 97.9	
		Titrated to check out D.O. Meter								
							Kenyon			

054465

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
9-16-85		8.2		8.1					242 1300	
				8.1 8.0						
	BP	1				300				
		2				150				
		3				100				
	AP	2				150				
		3				100				
		4				75				
	AI	6				50				
		8				37.5				
		10				30				
	S	25		7.1	1.0	12	12			
		35		6.8	1.3	8.6	11	11		zzz
		50		6.3	1.8	6	11			
	*	D.O. Meter Not Working / Titrated All Samples								

054466

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
9-15/16-85		C	8.1	8.1				2174500	
				8.1 8.1					
	BP	1		1.0	7.1	300	2130	23569 - 11279	
		2		1.1	7.0	150	1050	12290 =	23569
		3		1.4	6.7	100	670	52.1	
	AP	2		2.1	6.6	150	990	1279 - 574	
		3		1.6	6.5	100	650	6705 =	1279
		4		4.2	2.9	75	293	57.4	
	AI	6		1.5	6.4	50	320	574 - 508	
		8		2.0	6.1	37.5	229	3906 =	
		10		1.8	6.2	30	186	87.1	
	S	25		5.7	2.4	12	41		
		35		4.4	2.7	8.6	23		
		50		4.3	2.6	6	16		
							O.AR.	23569 - 608	
								22961 =	
								97.5	

Hartman

054467

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
9-14/15-85		C	8.1	8.1					2404000	
				8.1 8.1						
	BP	1		5.4	2.7	300	810		10922 -5411	
		2		5.2	2.9	150	435	545	5511 = 50.5	10922
		3		4.2	3.9	100	390			
	AP	2		6.3	1.8	150	270			
		3		5.4	2.7	100	270	270	5411 -862	5411
		4		4.5	3.6	75	270		4549 = 84.1	
	AI	6		7.4	.7	50	35			
		8		6.9	1.2	37.5	45	43	-862 -200	862
		10		6.5	1.6	30	48		662 = 76.8	
	S	25		7.2	.9	12	11			
		35		6.9	1.2	8.6	10	10		200
		50		6.5	1.6	6	10			
									O.A.R. 10922 -200	
									10722 = 98.2	

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
9-13/14-85		C	8.1	8.1					2315400	
				8.1 8.1						
	BP	1		5.4	2.7	300	810			
		2		5.2	2.9	150	435	535	10364 -5715-	10364
		3		4.5	3.6	100	360		4649 = 44.9	
	AP	2		6.0	2.1	150	315			
		3		5.1	3.0	100	300	295	5715 -949	5715
		4		4.5	3.6	75	270		4766 = 83.4	
	AI	6		7.1	1.0	50	50			
		8		6.8	1.3	37.5	49	49	-949- -155-	949
		10		6.5	1.6	30	48		794 = 83.7	
	S	25		7.3	.8	12	10			
		35		7.2	.9	8.6	8	8		155
		50		7.0	1.1	6	7			
									O.A.R. 10364 -155-	
						Kenyon			10209 = 98.5	

054469

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
9-17/23-85		C	8.0	8.0					2397600	
				8.0 8.1						
	BP	1		5.9	2.15	300	645			
		2		5.3	2.75	150	413	448	8978 - 2493	8978
		3		5.2	2.85	100	285		2485 = 27.6	
	AP	2		5.8	2.25	150	338			
		3		4.9	3.15	100	315	324	6493 - 1543	6493
		4		3.8	4.25	75	319		4950 = 76.2	
	AI	6		6.6	1.45	50	73			
		8		5.8	2.25	37.5	84	77	1543 - 240	1543
		10		5.6	2.45	30	74		1303 = 84.4	
	S	25		7.1	.95	12	11			
		35		6.6	1.45	8.6	12	12		240
		50		6.0	2.05	6	12			
						Kenyon				
									O.A.R. 8978 - 240	
									8738 = 97.3	
										054470

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
9-11/12-85		C	8.2	8.2					2542500	
				8.2 8.2						
	BP	1		4.9	3.3	300	990			
		2		4.5	3.7	150	555	662	14040 -6045	14040
		3		3.8	4.4	100	440		7995 : 56.9	
	AP	2		6.3	1.9	150	285			
		3		5.2	3.0	100	300	285	6045 -1463	6045
		4		4.6	3.6	75	270		4582 : 75.8	
	AI	6		6.7	1.5	50	75			
		8		6.5	1.7	37.5	64	69	1463 -233	1463
		10		5.9	2.3	30	69		1230 : 84.1	
	S	25		7.0	1.2	12	14			
		35		6.9	1.3	8.6	11	11		233
		50		6.8	1.4	6	8			
									O.A.R.	
									14040 -233	
									13807 : 98.3	
						Kenyon				

654471

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
9-18-85		C	8.2	8.1					2457200	
				8.1 8.1						
	BP	1		4.5	3.6	300	1080			
		2		4.1	4.0	150	600	713	14646 - 6922	14646
		3		3.5	4.6	100	460		7724 = 52.7	
	AP	2		5.9	2.2	150	330			
		3		4.6	3.5	100	350	337	6922 - 1499	6922
		4		3.7	4.4	75	330		5423 = 78.3	
	AI	6		7.0	1.1	50	55			
		8		5.7	2.4	37.5	90	73	1499 - 164	1499
		10		5.6	2.5	30	75		1335 = 89.1	
	S	25		7.4	.3	12	4			
		35		6.9	1.2	8.6	10	8		164
		50		6.6	1.5	6	9			
									O.A.R. 14646 - 164	
						Kenyon			14482 = 98.9	

054472

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
9-10-85		C	8.0	8.0					2625400	
				8.0 8.0						
	BP	1		5.2	2.8	300	840			
		2		5.0	3.0	150	450	563	12364 -6588	12364
		3		4.0	4.0	100	400		5776 = 46.7	
	AP	2		6.1	1.9	150	285			
		3		5.0	3.0	100	300	300	6588 -944	6588
		4		3.8	4.2	75	315		5544 = 84.2	
	AI	6		7.2	.8	50	40			
		8		6.8	1.2	37.5	45	43	-944 -154	944
		10		6.5	1.5	30	45		790 = 83.7	
	S	25		7.4	.6	12	7			
		35		7.2	.8	8.6	7	7		154
		50		6.9	1.1	6	7			
					Kenyon					
									O.A.R. 12364 -154	
									12210 = 98.8	

054473

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-~~26~~-85		C	8.1	8.1					2142600	
				8.1 8.2						
	BP	1		4.7	3.45	300	1035			
		2		4.0	4.15	150	623	704	12580 -5361	12580
		3		3.6	4.55	100	455		7219 : 57.4	
	AP	2		6.0	2.15	150	323			
		3		5.2	2.95	100	295	300	5361 -929	5361
		4		4.4	3.75	75	281		4432 : 82.7	
	AI	6		7.2	.95	50	48			
		8		6.7	1.45	37.5	54	52	929 -179	929
		10		6.4	1.75	30	53		750 : 80.7	
	S	25		7.3	.85	12	10			
		35		7.0	1.15	8.6	10	10		179
		50		6.6	1.55	6	9			
									O.A.R. 12580 -179	
									12401 : 98.6	
						Zenyan				

054474

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
9-7/8-85		C	8.0	8.0					726 0300	
				8.0 8.0						
	A1	6		6.8	1.2	50	60			
		8		6.1	1.9	37.5	71	69	1302 -151	1302
		10		5.5	2.5	30	75		1151 = 88.4	
	Sec.	25		7.2	.8	12	10			
		35		7.1	.9	8.6	8	8		151
		50		7.0	1.0	6	6			

Kenyon

054475

Saturday

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
9.7.85		c	8.0	8.0					2724500	
				8.0 8.0						
	AF	6		6.2	1.8	50	90			
		8		4.7	3.3	375	124	106	2407 ÷ 227	2407
		10		4.5	3.5	30	105		2180 = 90.6	
	Sec.	25		7.0	1.0	12	12			
		35		6.9	1.1	8.6	9	10		227
		50		6.7	1.3	6	8			

Kenyon

054476

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
9-26-85		C	7.9	7.9					2382200	
				7.9 7.9						
	BP	1		6.0	1.9	300	570			
		2		5.8	2.1	150	350	440	8148 - 5564	8148
		3		4.8	3.1	100	310		2584 = 31.7	
	AP	2		6.0	1.9	150	285			
		3		4.9	3.0	100	300	280	5564 - 1371	5564
		4		4.5	3.4	75	255		4193 = 75.4	
	AI	6		6.4	1.5	50	75			
		8		6.2	1.7	37.5	64	69	1371 - 139	1371
		10		5.6	2.3	30	69		1232 = 90.0	
	S	25		7.2	.7	12	8			
		35		7.1	.8	8.6	7	7		139
		50		7.0	.9	6	5			
									O.A.R.	
									8148 - 139	
						Kenyon			8009 = 98.3	

054477

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
9-4/5-85		C	8.0	8.0					2471600	
				8.0 8.0						
	BP	1		5.2	2.8	300	840			
		2		4.8	3.2	150	480	557	11488 -5899	11488
		3		4.5	3.5	100	350		5589 : 48.7	
	AP	2		5.9	2.1	150	315			
		3		5.2	2.8	100	280	286	5899 -1629	5899
		4		4.5	3.5	75	263		4270 : 72.4	
	AI	6		6.5	1.5	50	75			
		8		5.8	2.2	37.5	83	79	1629 -144	1629
		10		5.4	2.6	30	78		1485 : 91.2	
	S	25		7.4 7.4	.6	12	7			
		35		7.2 7.2	.8	8.6	7	7		144
		50		6.9	1.1	6	7			
									O.A.R.	
						Kenzow			11488 -144	
									11344 : 98.7	

054478

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
9-3/4-85		C	8.3	8.2					2441800	
				8.2 8.2						
	BP	1		6.9	1.3	300	390			
		2		6.2	2.0	150	300	320	6520 - 5379	6520
		3		5.5	2.7	100	270		1141 = 17.5	
	AP	2		6.4	1.8	150	270			
		3		5.6	2.6	100	260	264	5379 - 1365	5379
		4		4.7	3.5	75	263		4014 = 74.6	
	AI	6		6.9	1.3	50	65			
		8		6.4	1.8	37.5	68	67	1365 - 244	1365
		10		5.9	2.3	30	69		1121 = 82.1	
	S	25		7.1	1.1	12	13			
		35		6.7	1.5	8.6	13	12		244
		50		6.4	1.8	6	11			
									O.A.R.	
						Kenyon			6520 - 244	
									6276 = 96.3	

054479

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
8-31-85									
9-1-85									
9-2-85									
9-3-85									
				Mill Down					

054480

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
8-30/31-85		C.	7.9	8.0					2688700	
				7.9 8.0						
	BP	1		6.8	1.15	300	345			
		2		5.9	2.05	150	308	319	7165 - 6244	7165
		3		4.9	3.05	100	305		921 = 12.9	
	AP	2		5.9	2.05	150	308			
		3		5.2	2.75	100	275	278	6244 - 1482	6244
		4		4.6	3.35	75	251		4762 = 76.3	
	AI	6		6.8	1.15	50	58			
		8		6.2	1.75	37.5	66	66		1482
		10		5.5	2.45	30	74		1482 - 246	
									1236 = 83.4	
	S	25		7.0	.95	12	11			
		35		6.6	1.35	8.6	12	11		246
		50		6.2	1.75	6	11			
									O.A.R.	
						Kenyon			7165 - 246	
									6919 = 96.6	

054481

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
8-28/30-85		C	7.9	7.9					2525300	
				7.9 7.9						
	BP	1		7.0	.9	300	270			
		2		6.8	1.1	150	165	208	~~4394~~ -0-	4394
		3		6.0	1.9	100	190			
	AP	2		6.3	1.6	150	240			
		3		5.7	2.2	100	220	216	4563 -1014	4563
		4		5.4	2.5	75	188		3549 = 77.8	
	AI	6		7.0	.9	50	45			
		8		6.8	1.1	37.5	41	48	1014 -190	1014
		10		6.0	1.9	30	57		824 = 81.3	
	S	25		7.1	.8	12	10			
		35		6.9	1.0	8.6	9	9		190
		50		6.7	1.2	6	7			
									O.A.R. 4394 -190	
						Kenyon			4204 = 95.7	

054482

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
8.20/20.85		C	7.1	7.8					2001200	
				7.8 7.8						
	BP	1		6.9	.9	~~300~~	270			
		2		6.7	1.1	150	165	202	~~4520~~ -0-	4520
		3		6.1	1.7	100	170			
	AP	2		5.9	1.9	150	285			
		3		5.3	2.5	100	250	266	5953 -1969	5953
		4		4.3	3.5	75	263		3984 = 66.9	
	AI	6		6.5	1.3	50	65			
		8		5.4	2.4	37.5	90	88	1969 -224	1969
		10		4.2	3.6	30	108		1745 = 88.6	
	Sa.	25		7.0	.8	12	10			
		35		6.7	1.1	8.6	9	10		224
		50		6.2	1.6	6	10			
									O.A.R. 4520 -224	
									4296 = 95.0	
						Kenigon				

054483

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
8-27/28-AG		6	7.5	7.7					2529100	
				7.6 7.7						
	BP	1		6.8	.85	300	255			
		2		5.1	2.55	150	383	334	7056 -3739	7056
		3		4.0	3.65	100	365		3317 = 47.0	
	AP	2		6.5	1.15	150	173			
		3		5.9	1.75	100	175	177	3739 -1352	3739
		4		5.2	2.45	75	184		2387 = 63.8	
	AC	6		6.7	.95	50	48			
		8		6.0	1.65	37.5	62	64	1352 -190	1352
		10		4.9	2.75	30	83		1162 = 85.9	
	Sec.	24		7.0	.65	12	8			
		35		6.6	1.05	8.6	9	9		190
		50		6.0	1.65	6	10			
									O.A.R. 7056 -190	
						Kenyon			6866 = 97.3	

054484

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
8.20/82.85		0	7.6	7.7					2632400	
				7.7 7.7						
	BP	1		5.0	2.7	300	810			
		2		3.4	4.3	150	645	738	16207 -5402	16207
		3		0 -0-	—	100			10805 = 66.7	
	AP	2		6.3	1.4	150	210			
		3		4.9	2.8	100	280	246	5402 -1933	5402
		4		4.4	3.3	75	248		3469 = 64.2	
	AI	6		6.5	1.2	50	60			
		8		5.1	2.6	37.5	98	88	1933 -264	1933
		10		4.2	3.5	30	105		1669 = 86.3	
	Sec.	25		7.1	.6	12	7			
		35		6.2	1.5	8.6	13	12		264
		50		5.0	2.7	6	16			
									O.A.R. 16207 -264	
						Kenyon			15943 = 98.4	

054485

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
8-28/26-85		C	7.6	7.7					2227000	
				7.7 7.8						
	BP	1		6.5	1.25	300	375			
		2		5.1	2.65	150	398	383	7132 - 6759	7132
		3		4.0	3.75	100	375		373 = 5.2	
	AP	2		4.8	2.95	150	443			
		3		4.4	3.35	100	335	363	6759 - 1974	6759
		4		3.6	4.15	75	311		4785 = 70.8	
	AE	6		5.6	2.15	50	108			
		8		5.0	2.75	37.5	103	106	1974 - 354	1974
		10		4.2	3.55	30	107		1620 = 82.1	
	Sec.	25		5.9	1.85	12	22			
		35		5.5	2.25	8.6	19	19		354
		50		5.0	2.75	6	17			
									O.A.R.	
									7132 - 354	
									6778 = 95.0	

C54486

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
8-24/25-85	C		7.6	7.8					2057900	
				7.8 7.9						
	AI	6		5.9	1.95	50	98			
		8		4.7	3.15	37.5	118	107	1841 -361	1841
		10		4.4	3.45	30	104		1480 = 80.4	
	Sea	25		6.1	1.75	12	21			
		35		5.2	2.65	8.6	23	21		361
		50		4.5	3.35	6	20			

Kenyon

054488

Saturday

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
8-23/24-85	C		7.9	7.9					272600	
				7.9 7.9						
	AE	4		6.1	1.8	50	90			
		8		4.5	3.4	37.5	128	108	2402 − 624	2402
		10		4.4	3.5	30	105		1908 = 78.7	
	Sec.	25		5.8	2.1	12	25			
		35		5.2	2.7	8.6	23	23		524
		50		4.3	3.6	6	22			

Hartman

054488

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
6-24-85	C		8.1	7.8					2620300	
				7.9 7.9						
	BP	1		7.0	0.9	300	270			
		2		5.0	2.9	150	435	372		8138
		3		3.8	4.1	100	410			
	AP	2		6.5	3.4	150	510		8160 - 2263	
		3		4.2	3.7	100	370	373	5907 =	8160
		4		4.7	3.2	75	240		72.4	
	AE	6		5.5	2.4	50	120		2253 - 416	
		8		5.3	2.6	37.5	98	103	1837 =	2253
		10		6.9	3.0	30	90		81.5	
	S	25		5.7	2.2	12	26			
		35		5.9	2.0	8.6	17	17		416
		50		5.7	2.2	6	13			
							O.A.R.		8708 - 416	
									7722 =	
									96.9	
						Hartman				

054489

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
8-21/22-85		C	8.3	8.1					2718200	
				8.1 8.1						
	BP	1		6.4	1.7	300	510		7450 - 6723	
		2		6.6	1.5	150	225	328	1727 =	7450
		3		5.6	2.5	100	250		23.2	
	AP	2		6.0	2.1	150	315		6723 - 2090	
		3		5.8	2.3	100	230	252	3053 =	5723
		4		5.3	2.8	75	210		63.5	
	AI	6		6.1	2.0	50	100		2090 - 227	
		8		5.7	2.4	37.5	90	92	1863 =	2090
		10		5.2	2.9	30	87		89.1	
	S	25		7.0	1.1	12	13			
		35		7.0	1.1	8.6	9	10		227
		50		7.0	1.1	6.	7			
							O.A.R.		7450 - 227	
									7223 =	
									97.0	
						Hartman				

054490

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
8-30/31-85		C	8.4	8.1					2546100	
				8.0 8.1						
	BP	1		7.0	1.1	300	330			
		2		6.4	1.7	150	255	266		5706
		3		5.9	2.2	100	220			
	AP	2		5.8	2.3	150	345		5941 - 852	
		3		5.5	2.6	100	260	279	5089 = 85.7	5941
		4		5.0	3.1	75	233			
	AI	6		7.8	0.3	50	15		852 - 234	
		8		6.7	1.4	37.5	53	40	618 = 72.5	852
		10		6.4	1.7	30	51			
	S	25		7.2	0.9	12	11			
		35		6.6	1.5	8.6	13	11		234
		50		6.4	1.7	6	10			
							O.A.R.			
									5706 - 234	
						Hartman			5472 = 95.9	

054491

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
8-20-85			8.1	8.0					2199400	
				8.0 8.0						
	AI		6	7.0	1.0	50	50		680 - 92	
			8	7.8	0.2	37.5	8	37	588 =	680
			10	7.5	0.5	30	15		86.5	
	S		25	7.3	0.7	12	8			
			35	7.5	0.5	8.6	4	5		92
			50	7.4	0.6	6	4			

054492

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
8-18/10-85									
				Mill		Down			

054493

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
8-17/18-85									

Mill Down

054494

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
8-11/12-85		C	8.0	8.0					2496600	
				8.0 8.0						
	BP	1		No Sample		~~300~~				
		2				~~150~~				
		3				~~100~~				
	AP	2		5.0	3.0	150	450			
		3		4.7	3.3	100	330	378	7891 -898	7891
		4		3.3	4.7	75	353		6993 = 88.6	
	AI	6		7.2	.8	50	40			
		8		6.8	1.2	37.5	45	43	-898 -167	898
		10		6.5	1.5	30	45		731 = 81.4	
	S	25		7.3	.7	12	8			
		35		7.0	1.0	8.6	9	8		167
		50		6.9	1.1	6.	7			

Kenyon

054495

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
8-15-16-85		C	8.0	8.1					2338300	
				8.1 8.1						
	BP	1		6.6	1.5	300	450			
		2		6.4	1.7	150	255	312	6096 - 4572	6096
		3		5.8	2.3	100	230		1524 = 25.0	
	AP	2		6.5	1.6	150	240			
		3		5.8	2.3	100	230	234	4572 - 1133	4572
		4		5.0	3.1	75	233		3439 : 75.2	
	AI	6		7.2	.9	50	45			
		8		6.5	1.6	37.5	60	58	1133 - 193	1133
		10		5.8	2.3	30	69		940 = 83.0	
	S	25		7.3	.8	12	10			
		35		6.9	1.2	8.6	10	10		195
		50		6.6	1.5	6	9			
									O.A.R. 6096 - 195	
									5901 = 96.8	
					Benzon					

054496

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
8-~~10~~/15-85		C	8.3	8.2					2374600	
				8.2 8.3						
	BP	1		6.5	1.75	300	525			
		2		6.3	1.95	150	293	378	-7480 / 7441	7480
		3		5.1	3.15	100	315		39 : .05	
	AP	2		5.3	2.95	150	443			
		3		4.6	3.65	100	365	376	-7441 / 1662	7441
		4		4.0	4.25	75	319		5779 : 77.7	
	AI	6		7.1	1.15	50	58			
		8		5.8	2.45	37.5	92	84	1662 / -218	1662
		10		4.9	3.35	30	101		1444 : 86.9	
	S	25		7.3	.95	12	11			
		35		6.9	1.35	8.6	12	11		218
		50		6.5	1.75	6	11			
									O.A.R.	
					Kenyon				7480 / -218	
									7262 : 97.1	

054497

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
8-13/14-85		C	8.1	8.1					2235500	
				8.1 8.1						
	BP	1		5.9	2.2	300	660			
		2		5.7	2.4	150	360	453	8473 - 6135	8473
		3		4.7	3.4	100	340		2338 = 27.6	
	AP	2		5.8	2.3	150	345			
		3		4.8	3.3	100	330	328	6135 - 1271	6135
		4		4.0	4.1	75	308		4864 = 79.3	
	AI	6		6.7	1.4	50	70			
		8		6.4	1.7	37.5	64	68	1271 - 187	1271
		10		5.8	2.3	30	69		1084 = 85.3	
	S	25		7.2	.9	12	11			
		35		6.9	1.2	8.6	10	10		187
		50		6.7	1.4	6	8			
									O.A.R.	
									8473 - 187	
									8286 = 97.8	
						Kenyon				

054498

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
8-12/13-85		C	8.0	8.0					2017300	
				8.0 8.0						
	BP	1		6.9	1.1	300	330			
		2		6.4	1.6	150	240	257	4335 - 3340	4335
		3		6.0	2.0	100	200		995 : 23.0	
	AP	2		6.6	1.4	150	210			
		3		6.2	1.8	100	180	198	3340 - 1231	3340
		4		5.3	2.7	75	203		2109 : 63.1	
	AI	6		6.7	1.3	50	65			
		8		6.0	2.0	37.5	75	73	1231 - 186	1231
		10		5.4	2.6	30	78		1045 : 84.9	
	S	25		7.0	1.0	12	12			
		35		6.8	1.2	8.6	10	11		186
		50		6.2	1.8	6	11			
									O.A.R.	
									4335 - 186	
							Kenyon		4149 : 95.7	

054499

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
8-11/12-85		C	8.1	8.1					1672900	
				8.1 8.1						
	BP	1		6.5	1.6	300	480			
		2		6.0	2.1	150	315	355	4950 -2622	4950
		3		5.4	2.7	100	270		2328 : 47.0	
	AP	2		6.8	1.3	150	195			
		3		6.5	1.6	100	160	188	2622 -948	2622
		4		5.3	2.8	75	210		1674 : 63.8	
	AI	6		6.9	1.2	50	60			
		8		6.2	1.9	37.5	71	68	948 -139	948
		10		5.7	2.4	30	72		809 : 85.3	
	S	25		7.2	.9	12	11			
		35		7.0	1.1	8.6	9	10		139
		50		6.3	1.8	6	11			
									O.A.R.	
									4950 -139	
						Kenyon			4811 : 97.2	

054500

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
8-10/11-85	C		8.1	8.2					162 x 100	
				8.2 8.1						
	AI	6		6.9	1.25	50	63			
		8		6.1	2.05	37.5	77	69	939 - 136	939
		10		5.9	2.25	30	68		803 : 85.5	
	Sec	25		7.3	.85	12	10			
		35		7.0	1.15	8.6	10	10		136
		50		6.4	1.75	6	11			

Benzyon

054501

Satrud

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
8-7-10-85	C		8.5	8.4					2520800	
				8.4 8.4						
	AE	6		5.8	2.6	50	130			
		8		5.2	3.2	37.5	120	120	2525 − 253	2525
		10		4.7	3.7	30	111		2272 : 90.0	
	Sec.	25		7.3	1.1	12	13			
		35		6.9	1.5	8.6	13	12		253
		50		6.6	1.8	6	11			

Ferrigan

054502

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
8-8-85		C	8.0	8.0					2347700	
				8.0 8.1						
	BP	1		4.5	3.55	300	1065			
		2		3.0	5.05	150	758	912	17896 - 6711	17896
		3		~~4.0~~	—	100			11185 ÷ 62.3	
	AP	2		5.6	2.45	150	368			
		3		4.5	3.55	100	355	342	6711 - 2747	6711
		4		4.0	4.05	75	304		3964 = 59.1	
	AI	6		5.2	2.85	50	143			
		8		4.3	3.75	37.5	141	140	2747 - 255	2747
		10		3.5	4.55	30	137		2492 = 90.7	
	S	25		6.9	1.15	12	14			
		35		6.4	1.65	8.6	14	13		255
		50		6.0	2.05	6	12			
									O.A.R.	
									17896 - 255	
						Kenyon			17641 = 98.6	
										054503

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
8-1/9-85		C	8.0	8.0					2327100	
				8.0 8.0						
	BP	1		5.8	2.2	300	660			
		2		5.5	2.5	150	375	462	8988 -1206	8988
		3		4.5	3.5	100	350		1206 = 13.4	
	AP	2		5.2	2.8	150	420			
		3		4.1	3.9	100	390	400	7782 -2023	7782
		4		2.8	5.2	75	390		5759 = 74.0	
	AI	6		5.8	2.2	50	110			
		8		5.3	2.7	37.5	101	104	2023 -311	2023
		10		4.6	3.4	30	102		1712 = 84.6	
	S	25		6.5	1.5	12	18			
		35		6.0	2.0	8.6	17	16		311
		50		5.8	2.2	6	13			
									O.A.R. 8988 -311 8677 = 96.5	
						Kenyon				

054504

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
8-6/7-85			8.1	8.0					2347900	
				8.0 7.9						
	BP	1		5.9	2.05	300	615			
		2		5.3	2.65	150	398	453	8889 - 8497	8889
		3		4.5	3.45	100	345		392 = 4.4	
	AP	2		4.8	3.15	150	473			
		3		4.0	3.95	100	395	433	8497 - 2335	8497
		4		2.2	5.75	75	431		6162 = 72.5	
	AI	6		5.6	2.35	50	118			
		8		4.6	3.35	37.5	126	119	2335 - 235	2335
		10		4.2	3.75	30	113		2100 = 90.0	
	S	25		7.0	.95	12	11			
		35		6.5	1.45	8.6	12	12		235
		50		5.7	2.25	6	14			
									O.A.R.	
									8889 - 235	
									8654 = 97.4	
										054505

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
8-5/6-85		C	8.1	7.8					2433200	
				7.9 7.8						
	BP	1		5.2	2.6	300	780		12621 - 7162	
		2		4.1	3.7	150	555	622	5459 =	12621
		3		2.5	5.3	100	530		43.3	
	AP	2		5.2	2.6	150	390		7162 - 2232	
		3		4.4	3.4	100	340	353	4930 =	7162
		4		3.4	4.4	75	330		68.8	
	AI	6		5.7	2.1	50	105		2232 - 325	
		8		4.6	3.2	37.5	120	110	1907 =	2232
		10		4.3	3.5	30	105		85.4	
	S	25		6.2	1.6	12	19			
		35		4.0	1.8	8.6	15	16		325
		50		5.4	2.4	6	14			
							O.A.R.		12621 - 325	
									12296 =	
									97.4	
						[illegible]				

054506

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
8-4/5-85		C	8.0	7.8					2253100	
				7.8 7.8						
	BP	1		6.4	1.4	300	420			
		2		5.8	2.0	150	300	357	(2)	6707
		3		6.3	3.5	100	350			
	AP	2		5.4	2.4	150	360		6820 - 1804	
		3		6.2	3.6	100	360	363	5016 =	6820
		4		2.9	6.9	75	368		73.5	
	AI	6		6.7	1.8	50	90		1804 - 301	
		8		5.0	2.8	37.5	105	96	1503 =	1804
		10		6.7	3.1	30	93		83.3	
	S	25		6.6	1.2	12	14			
		35		5.8	2.0	8.6	17	16		301
		50		5.3	2.8	6	17			

Hartman

054507

Date	Sample	ml. of Sample Used	Initial D.D. ppm	5 Day D.D. ppm	Final O_2 Used	Dilution Factor	B.O.D. ppm		Flow gal./day	B.O.D. lbs./day
8-14-85		C	8.2	8.1					2264500	
				8.1 8.1						
	BP	1		6.3	1.8	300	540			
		2		5.8	2.3	150	345	432	~~Prst~~ -0-	8152
		3		4.0	4.1	100	410			
	AP	2		4.4	3.7	150	555			
		3		3.5	4.6	100	460	483	9115 -1585	9115
		4		2.3	5.8	75	435		7530 = 82.6	
	AI	6		6.6	1.5	50	75			
		8		5.7	2.4	37.5	90	84	1585 -208	1585
		10		5.2	2.9	30	87		1377 = 86.9	
	S	25		7.1	1.0	12	12			
		35		6.7	1.4	8.6	12	11		208
		50		6.4	1.7	6	10			
									O.A.R. 8152 -208	
									7944 : 97.4	
						Kenyon				

054508

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
8 2/3-85		C	8.1	8.0					2239900	
				8.1 8.1						
	BP	1		5.9	2.2	300	660			
		2		5.0	3.1	150	465	538	10063 -7631	10063
		3		3.2	4.9	100	490		2432 = 24.2	
	AP	2		4.2	3.2	150	480			
		3		3.5	4.6	100	460	408	7631 -1646	7631
		4		2.4	5.7	75	285		5985 = 78.4	
	AI	6		6.5	1.6	50	80			
		8		5.5	2.6	37.5	98	88	1646 -243	1646
		10		5.2	2.9	30	87		1403 = 85.2	
	S	25		7.0	1.1	12	13			
		35		6.5	1.6	8.6	14	13		243
		50		6.2	1.9	6	11			
									O.A.R. 10063 -243	
									9820 = 97.6	
						Kenyon				

054509

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
8 ½-85			8.1	8.1					2228300	
				8.1 8.1						
	BP	1		6.5	1.6	300	480			
		2		5.6	2.5	150	375	395	-0-	7355
		3		4.8	3.3	100	330			
	AP	2		5.2	2.9	150	464			
		3		3.6	4.5	100	450	445	8286 -968	8286
		4		2.5	5.6	75	420		7318 = 88.3	
	AI	6		7.0	1.1	50	55			
		8		6.7	1.4	37.5	53	52	-968 -279	968
		10		6.5	1.6	30	48		689 = 71.2	
	S	25		6.5	1.6	12	19			
		35		6.4	1.7	8.6	15	15		279
		50		6.2	1.9	6	11			
									O.A.R.	
									7355 -279	
						Kemyon			7076 = 96.2	

054510