

LAKE KILLDEER EFFLUENT REPORT

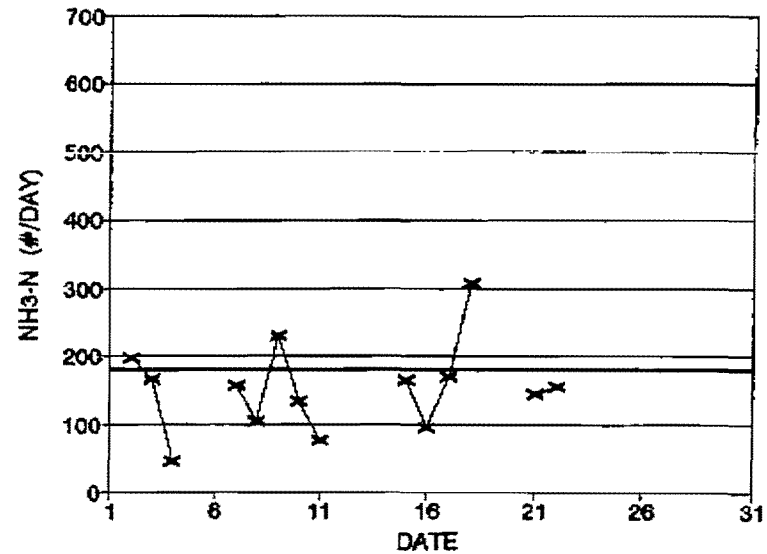
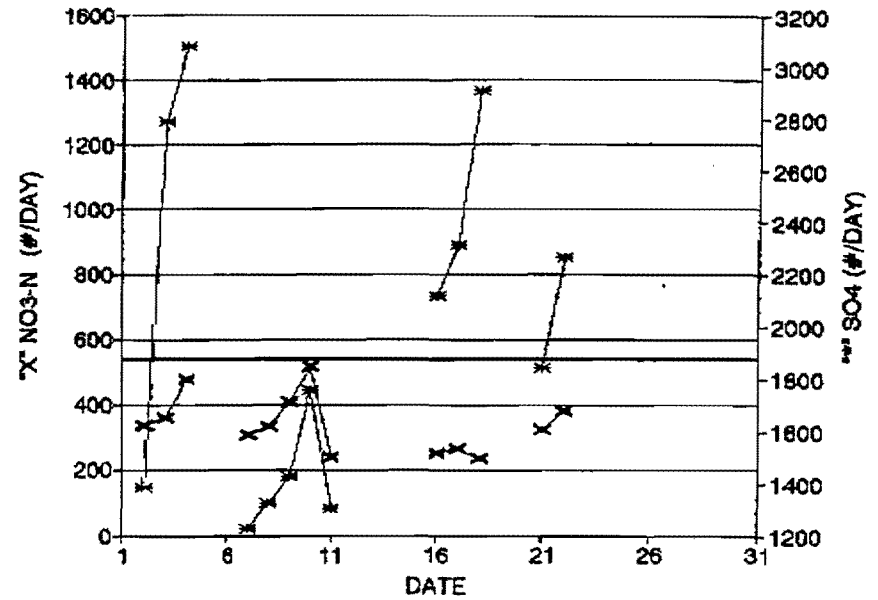
Mar-94

AY	MGD	COMP pH	GRAB pH	METER pH	ppm NO3N	ppm NH3N	ppm TSS	ppm SO4	ppm D Oxy	TEMP deg F	LB/DAY NO3N	AVG LB NO3N	LB/DAY NH3N	AVG LB NH3N	LB/DAY TSS	AVG LB TSS	LB/DAY SO4	AVG LB SO4
1	2110	7.68	7.94	8.04						48								
2	2110	7.6	7.9	8.1	36	12	10	230	9	48	633	633	211	211	176	176	4045	4045
3	2110	7.6	7.5	8.0						47		633		211		176		4045
4	2265	7.5	6.3	7.7	45	6	7	180	10	47	850	741	113	162	132	154	3399	3722
5	2110	7.4	7.5	7.2						47		741		162		154		3722
6	2110	7.1	6.9	7.3						47		741		162		154		3722
7	2110	7.1	6.9	7.0	21	8	6	83	9	47	369	617	141	155	106	138	1460	2968
8	2265	7.2	7.2	6.9						47		617		155		138		2968
9	2265	7.3	7.1	7.2	27	7	5	164	10	47	510	591	132	149	94	127	3097	3000
10	2265	7.4	6.9	7.3	42	13	7	221	10	47	793	631	245	169	132	128	4173	3235
11	2265	7.2	7.0	7.1						47		631		169		128		3235
12	2265	7.1	7.2	7.0						47		631		169		128		3235
13	2265	7.2	7.3	7.1						47		631		169		128		3235
14	2265	6.9	6.5	6.8	26	9	11	165	10	47	491	608	170	169	208	141	3116	3215
15	2265	6.7	6.6	6.6		5				47		608	94	158		141		3215
16	2265	6.8	6.8	6.9	27	5	8	168	10	48	510	594	94	150	151	143	3173	3209
17	2265	6.8	6.8	6.5						48		594		150		143		3209
18	2265	6.8	7.0	6.6	28	10	8	173	8	51	529	586	189	154	151	144	3267	3216
19	2265	7.1	7.2	6.5						51		586		154		144		3216
20	2265	6.8	7.0	6.5						51		586		154		144		3216
21	2265	7.0	7.7	6.6	27	11	8	176	8	51	510	577	208	160	151	145	3324	3228
22	2265	7.3	6.9	6.5	43	18	8	212		52	812	601	340	176	151	145	4003	3306
23												601		176		145		3306
24												601		176		145		3306
25												601		176		145		3306
26												601		176		145		3306
27												601		176		145		3306
28												601		176		145		3306
29												601		176		145		3306
30												601		176		145		3306
31												601		176		145		3306
VG	2223	7.2	7.1	7.1	32	9	8	177	9	48	601		176		145		3306	
MT		6 - 9	6 - 9	6 - 9			45		4 & 6	< 86	4160	2043	3505	1852	420	280		
GH	2265	7.7	7.9	8.1	45	18	11	230	10	52	850		340		208		4173	
JW	2110	6.7	6.3	6.5	21	5	5	83	8	47	369		94		94		1460	

LAKE LEE EFFLUENT REPORT

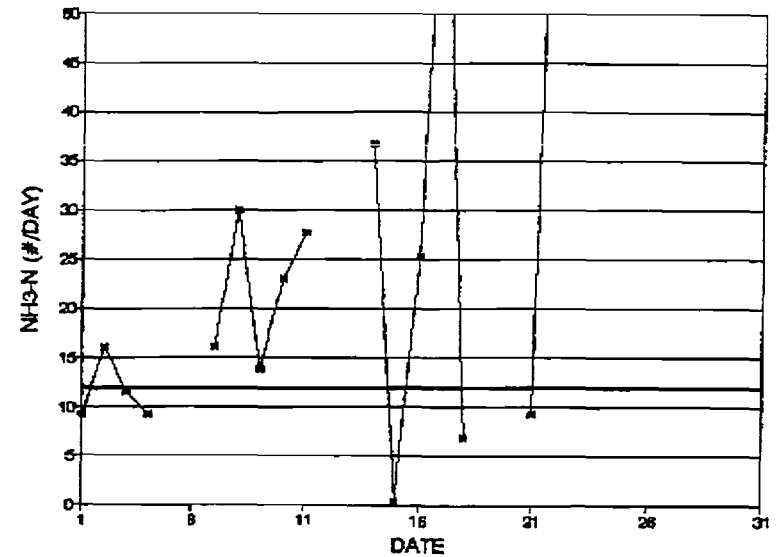
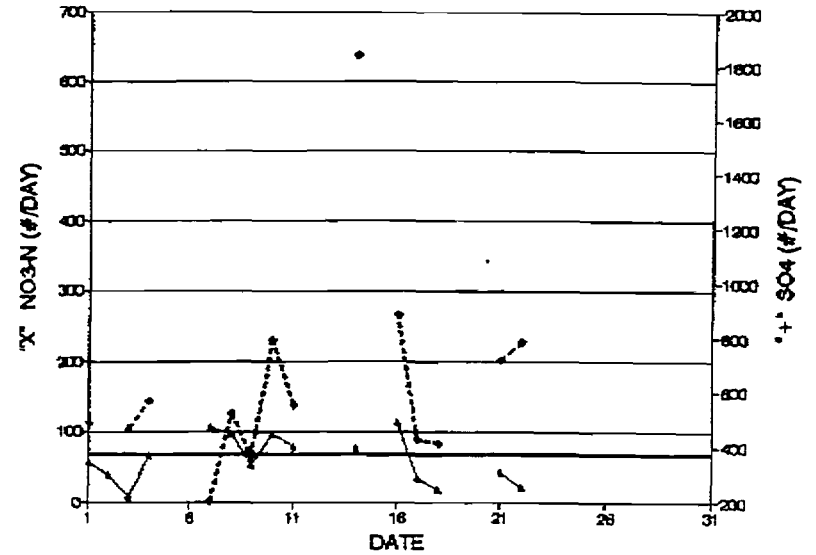
Mar-94

DAY	NO3N ppm	NH3N ppm	SO4 ppm	pH	RAIN "	NO3N LBS	NH3N LBS	SO4 LBS
1	81	39	204	8.5	1.8			
2	29	17	119	7.5	0.42	337	198	1383
3	28	13	217	7.2		360	167	2791
4	96	9	617	3.0		479	45	3081
5				2.9				
6				7.4				
7	37	19	148	7.0	0.4	307	157	1226
8	64	20	256	7.5	0.05	331	104	1325
9	48	27	167	7.2	0.85	410	231	1426
10	58	15	197	7.3		517	134	1757
11	44	14	240	6.5		239	76	1305
12				6.1				
13				6.3				
14	49	44	660	3.8				
15		29		3.6			165	
16	58	22	490	6.8		250	95	2116
17	55	35	478	7.2		266	169	2311
18	43	56	529	7.0		236	308	2906
19				8.0				
20				7.5				
21	63	28	357	8.4		325	144	1842
22	85	35	508	4.6		379	156	2266
23								
24								
25								
26								
27								
28								
29								
30								
31								
TOTAL	838	422	5187		3.52	4438	2149	25737
VG	56	26	346	6.4		341	154	1980
MT						540	180	
IGH	96	56	660	8.5	1.8	517	308	3081
DW	28	9	119	2.9	0	236	45	1226



ACID AREA EFFLUENT REPORT

DAY	NO3N	pH	S04	NH3N	L.S.	LEE	3rd	NO3N	S04	NH3N
	ppm		ppm	ppm	METER	GRAB	METER	LBS	LBS	LBS
1	25	5.7	212	4	7.7	7.4	8.5	57.67	489.1	9.228
2	17	6.1	171	7	8.7	7.0	7.9	39		16
3	4	6.3	204	5	10.5	6.4	7.4	9	471	12
4	29	7.4	247	4	7.2	3.4	4.7	67	570	9
5		5.8			5.3	5.0	5.9			
6		5.3			7.8	7.6	8.8			
7	46	5.5	89	7	4.7	6.8	7.6	106	205	16
8	42	6.7	226	13	8.8	7.6	8.4	97	521	30
9	23	4.9	160	6	5.9	6.8	7.5	53	369	14
10	42	4.7	343	10	6.7	7.4	8.2	97	791	23
11	34	11.0	240	12	14.0	4.7	5.4	78	554	28
12					9.6	6.9	7.7			
13					9.2	7.4	8.1			
14	21	10.4	502	10	13.7	3.5	4.2	77	1841	37
15		8.0		8	9.8	4.5	5.2			0
16	49	7.4	385	11	9.4	7.4	9.0	113	888	25
17	15	9.6	186	32	8.0	8.8	9.7	35	429	74
18	8	4.0	178	3	6.0	6.8	7.5	18	411	7
19					8.3	7.8	8.7			
20					9.9	7.0	7.8			
21	18	6.8	311	4	8.1	6.6	7.0	42	717	9
22	9	9.4	339	44	11.4	6.9	7.7	21	782	102
23										
24										
25										
26										
27										
28										
29										
30										
31										
AVG	25	6.9	253	11	8.7	6.5	7.4	61	646	26
LIMIT								68		12
HIGH	49	11.0	502	44	14.0	8.8	9.7	113	1841	102
LOW	4	4.0	89	3	4.7	3.4	4.2	9	205	0



***** **NITRATE AREA EFFLUENT REPORT**

DAY	NO3N ppm	NH3N ppm	pH	NO3N LBS	NH3N LBS
1	272	122	9.4	346	155
2	62	70	9.1	147	166
3	49	176	8.4	30	108
4	26	126	8.6	7	35
5			8.5		
6			9.3		
7	51	91	9.1	11	20
8	180	136	9.0	39	29
9	139	58	8.7	30	13
10	77	57	9.0	12	9
11	67	45	8.4	14	10
12			8.8		
13			9.7		
14	430	160	8.6	165	61
15		45	8.4		57
16	47	39	9.1	18	15
17	404	334	8.3	155	128
18	88	93	8.6	41	44
19			8.3		
20			8.4		
21	163	67	8.2	82	34
22	172	90	8.4	87	45
23					
24					
25					
26					
27					
28					
29					
30					
31					
AVG	148	107	8.7	79	58
MT				338	124
HGH	430	334	9.7	346	166
LOW	26	39	8.2	7	9

