6286/1 NREAD 23 Nov 87

Prom: Director, Natural Resources and Environmental Affairs

Division, Marine Corps Base, Camp Lejeune

To: Base Maintenance Officer, Marine Corps Base, Camp Lejeune

(Attn: Utilities Director)

Subj: NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

PERMIT RELATED REPORTING DATA

Encl: (1) Monthly Report of Waste Treatment Plant Water Quality

- 1. It is requested that the enclosures be routed to the Utilities Systems General Poreman. The enclosures summarize the subject data generated by the Environmental Chemistry and Microbiology Laboratory and contract laboratories for the seven wastewater treatment plants aboard the Camp Lejeune complex for the month of October 1987.
- 2. Questions regarding the enclosures should be forwarded to the Supervisory Chemist, Environmental Chemistry and Microbiology Laboratory, Natural Resources and Environmental Affairs Division, x5977.

J. I. WOOTEN

Blind Copy to: EC&MS (2) 114.17/1 2 VON J.S.S.

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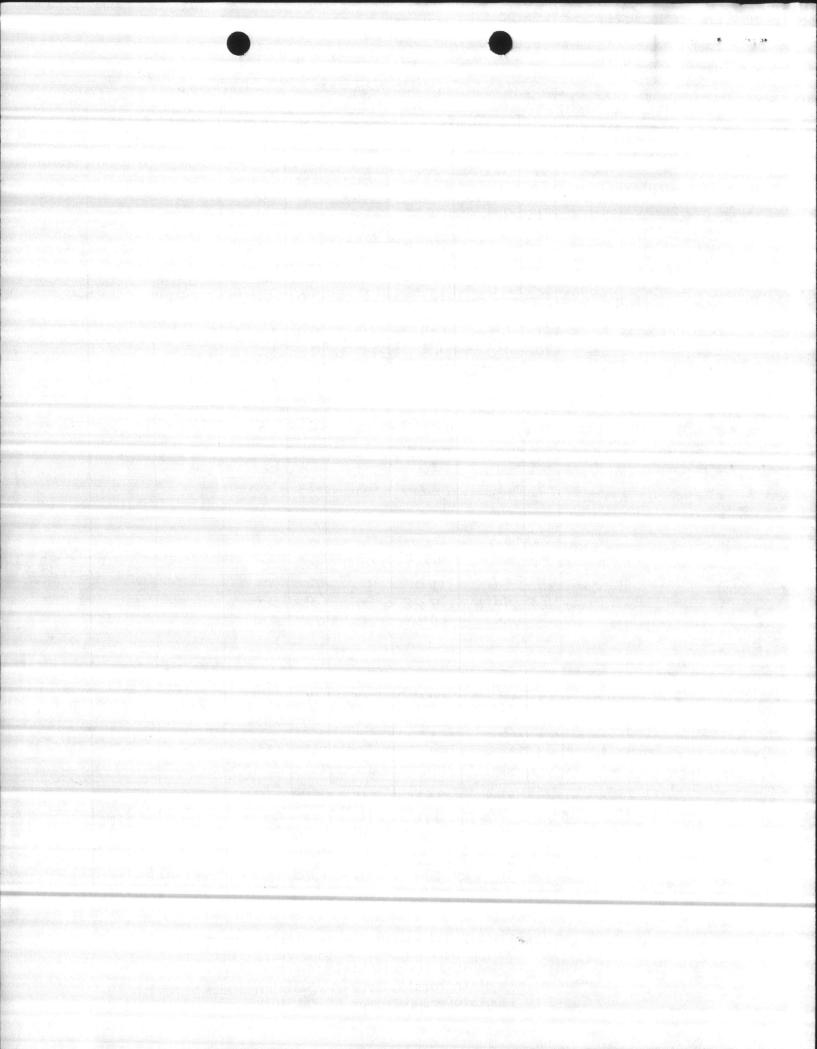
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HAI	TONG	POINT	Т		The State of the S	TERMIT N		V c	MONTH		KAR
11/4	1 00	310		00410	INC	00630	24	FECAL	OC TO BE		1987
		10°C 50D	,	Annonia		ENDED RE	SOUE	COLIFORM	011 + 6EENE	COLOG TOTAL NITEOGEN	TOTAL PHOSPHORO
DATE	INFLUENT Mg/L	Mg/L	%	EFFLUENT Mg/L	INFLUENT Mg/L	EFRUENT Mg/L	%	EFFLUE NT	EFFLUENT Mg/L	EFFWENT	EMLURN
1	180	111	94	8.0	198	18	91	2	1	Mg/L	Mg/L
2	156	14	91	4,4	86	12	86	2	2.8		
3		100			106	16	00	-			
4							†			A SECTION OF THE	No. of the last
5	224	14	94	3.7	123	12	90	2	-		
6	132	20	85	4.4	130	8	94	0			
7	216	19	91	5.0	136	8	94	8			-
8	188	17	91	1.4	128	11	91	30			-
9	216	21	90	7.3	143	11	92				
10			10	11.5	11.5	``	114	20	and the second		
11				300077							
12	1'										
13	124	11	91	2.6	126	12	90	0	150	1.6 -	
14	176	13	93	4.3	170		94	0		14.05	
15	164	14	92.	5.1	126	9	43	0			
16	192	14	93	4.5	178	13	93	2	- 1.5		
17			1	-	110	//	13	-			
18		The second second									
19	252	11	96	2.7	262	15-	94	16		1000	
20	208	12	94	2.5	135	10	93	0			5.1
2.1	16	11	94	3.6	150	9	94	0	,		
22	212	14	93		162	11	93	0.			
23	204	14.	93	2.8	107		94	10			
24		4				Sub-A Tra	and section	7			
25					5,000				with the second		
26	176	19	89	2.3	148	19	87	0			grander of the said
27	264	15	94	3.3	140	13	91	CLI	10.5		3.9
28	208	13	93	3.9	128	8	94	550	70.5		~ 1
29-	203	14	93	4.8	132	12	91	0			
30	152	15	90	5.2	80	11	86	0	Skiperon i esta ese pero	sterio presentati nelle il co	
31						- 10					
TAL	4048	306	27	85.5	2988	239	W. W.		13.3	14.05	9.0
ERACE	193	15	92	4.1	142	11	92	3.15	6,7		
MIMON	264	26		8,0	262		海祖	550	10.5	14.05	5.1
MUMIN	124	11		1,4	80	6		0	2.8	14.05	3.9
48 (C) 48 (C)	С	C		C	C	C		G			
אייאיין	action and	22	The state of		The state of			14	G 30	C	C

1. Complete this form in ink, neatly and clearly or it will be typed.

2. Head the form with plant name, permit number, month & year. Indicate Total or Fecal in Coliform heading. Add the appropriate monthly limits at the bottom.

3. At the end of the month, calculate totals, averages, maximums and minimums.
4. Submit completed forms to laboratory supervisor by the 10th of the following month.



MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY

MCBCL 11345/8 (RE	V. 09/87)
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C						ERMITNÓ.			MONTH		YEAR
CAN	IP GEI				NC	00032	39		OCTOBE	R	1987
		00310	•	00610		00530		00556	00665		
		DAY 20°C BOD		AMMONIA	TOTAL SUSPENDED RESIDUE			FECAL COLIFORM	OIL & GREASE	TOTAL NITROGEN	TOTAL PHOSPHORO
DATE	INFLUENT MG/L	EFFLUENT MG/L	r %	EFFLUENT MG/L	INFLUENT	EFFLUENT		EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
1	308	10	47	21	MG/L	MG/L	%	MF/100 ML	MG/L	MG/L	MG/L
2	323	27	92		225	12	95	0	2.3		
3	200	101	72	15	172	7	96	0	-		
4	7 10 10 10	4.00				A CONTRACTOR OF THE PARTY OF TH					
5	324	27	92	11. 1	2.4.2			-			
6	410	25	94	16.6	243	4	98	18			
7	295	12	96	14.5	400	7	98	0			
8	335	14	96	13.1	138	6	96	0			
9	425	22		13.5	200	10	95	0			
10	723	LL	9.5	15.9	273	14	95	0	200		
11		2000	E 2000. 1								
12											
13	370	8	98	44. 7	201		2/2				
14	320	io	97	14.1	296	8	97	0		14.84	
15	254	13	95	11.2	183	8	96	0			
16	324	16	95	13.8	214		96	0			
17	1	10	13	1.3.8	AIT	8	96	0			
18			-								
19	340	9	97	15.0	116	10	90	^			
20	324	25	92	16.1	185	12		0			1.4
21	308	25	92	17.2	132	15	92	0			
22	457	29	94	17.4		3	92	0			
23	296	23	91	23.0	136	8	98	0			
24	La Sagar Pero	100	111	25.0	173	×	94	0			
25		at a second	E 75. 75.					31			
26	345	9	97	27.4	284	9	97	^			
27	630	26	96	18.2	Control of the Contro			0	C. n		
28	358	13	95	14.0	138	15	93	310	9,0		1.4
29	594	21	96	17.8	335	6	98	0			
30	300	18	94	18.0	207	7	98	0			- CHAYA-1
31		, ,	1	אומו	201	/	97	0			
TOTAL	7645	392	-	348.6	4445	179	and the second		1. 3		
/ERAGE	364	19	94.8	16.6			al	. 7.1	11.3	14.84	2, 8
AXIMUM	630	29	11.0	27.4	212	9	96	1.74	5.7	14.84	1.4
INIMUM	2.54	8	TO N		400	15	17.5	310	9.0	14.84	1.4
OMP (C)				10.2	116	2	LAS.	0	2.3	14.84	1.4
RAB (G)	С	С	1, 1	С	С	С		G	G	С	c
LIMIT	isting the state of	30	28.		1.5	30		200			

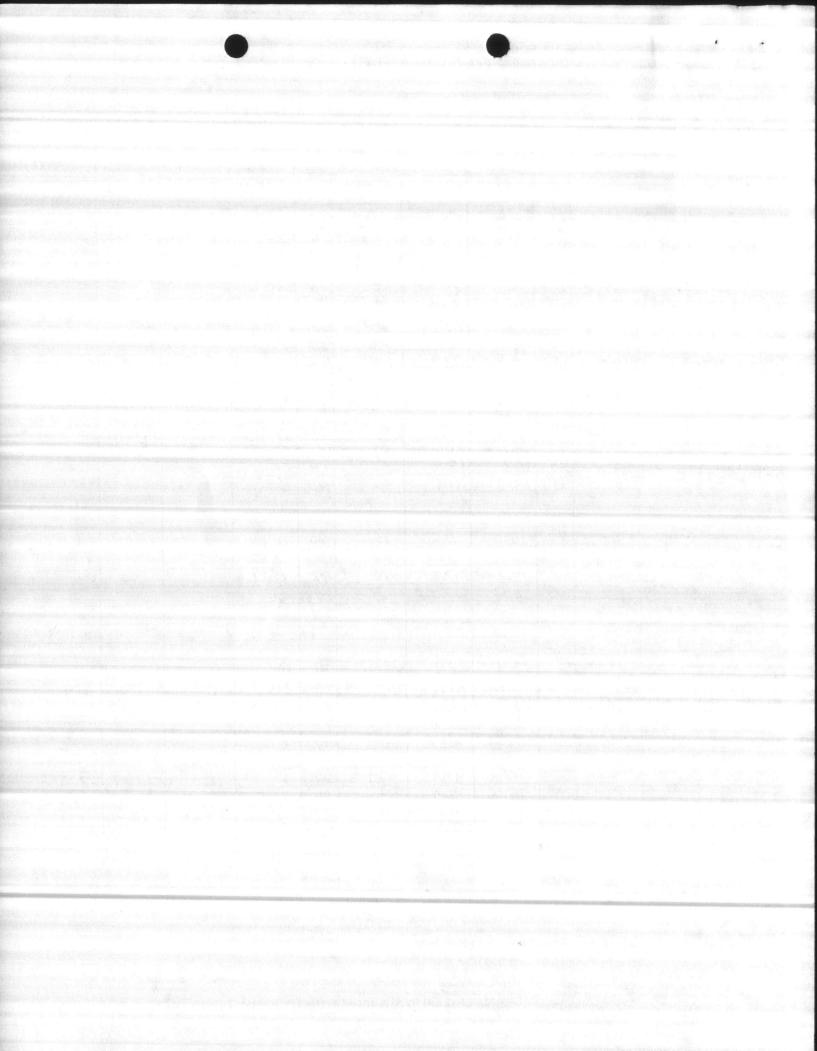
NSTRUCTIONS:

COMPLETE THIS FORM IN INK, NEATLY AND CLEARLY OR IT WILL BE TYPED.

HEAD THE FORM WITH PLANT NAME, PERMIT NUMBER, MONTH & YEAR. INDICATE TOTAL OR FECAL IN COLIFORM HEADING. ADD THE APPROPRIATE MONTHLY LIMITS AT THE BOTTOM.

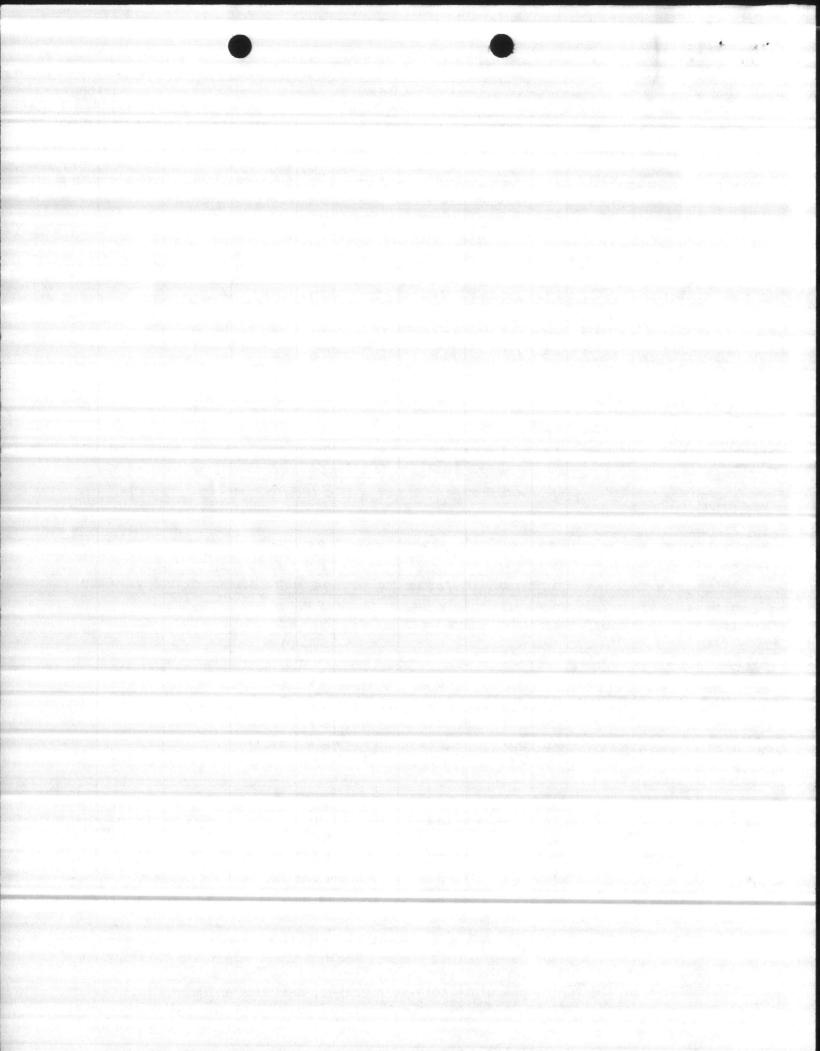
AT THE END OF THE MONTH, CALCULATE TOTALS, AVERAGES, MAXIMUMS AND MINIMUMS.

SUBMIT COMPLETED FORMS TO LABORATORY SUPERVISOR BY THE 10TH OF THE FOLLOWING MONTH.



TAR	AWA -	TERRAC	e			TERMIT NO 063002			MONTH OCTOBE	1	987
	00	00 BOD		MINORIA		ended Re	ad the	COLIFORM	0086 6 OIL + GEEASE	OOLOO TOTAL NITEOGEN	TOTAL PHOOPHORAL
DATE	INFLUENT Mg/L	EFFLUENT mg/L	%	ENFLUENT Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	EFFLUE NT	EFFWENT Mg/L	EFFWENT Mg/L	MG/L
1	159	12	92	1,6	105	13	88	2	2.9		
2	164	11	9.3	1.3	88	10	89	14			
3											
4		AND THE PERSON NAMED IN							d april 1 miles and		
5	184	13	93	1.9	103	6	94	4			
6	164	9	95	2.0	74	2	97	20			
7	172	1.3	42	3.7	80	10	88	2		A Superior of the same	proplem .
8	192	12	94	4.9	106	9	92	0	Fa. 15		
9	192	14	93	1.7	112	8 .	93	0	April 1997	er Bog krom steller Er standstandigen der forste	terior and a solution
10		100									
11		Line					Tal and	3,400			and the same
12	·, ·, ·										
13	156	13	72	2.3	78	3	90	0		13.79	
14	184	14	92	2.3	144	9	94	0			
15	164	15	91	3.5	102	9	91	10			
16	168.	13	92	2.3	68	9	87	10			
۲)											
18										1,7	
19	180	12	93	2.9	108	16	85	0	1 min 1 2 min		5.1
20	180	13	93	1.4	66	7	89	0			
2.1	204	10	95	1.9	108	6	94	0			
22	188	12	94		132	7	95	0 ,			
23	212	14	93	1.5	135	6	96	0			
24			STEEDINGS.			Control Name of the Control of the C	100 tol. \$1000				
25								and the same of			
26	160	15	91	1.2	106	12	89	0	garaga arabi sanciasi garaga arabi sanciasi	produced postupik com	
27	244	. 18	93	4.4 1	102	.12	88	6	5.7	terno e la sanza de	4.1
28	152	27	82	3.4	80	33	59	0			
29-	140	13	93	1.6	80	9	89	CL2			1000
30	180	13	93	2.0	135	8	94	2			
31	Land Mary				Call Co						
TOTAL	3789	286	13.	49.5	2112	208	CHILL		8.6	13.79	9.2
WERAGE	180	14	92	2.4	101	10	90	2.02	4.3	13.79	4.6
MCMIXAN	244	27		4.9	144	33	107		5,7	13.79	5.1
MUMINUM	152	9		1.2	66	2	100	0	2.9	13.79	4.1
(c) (a)	C	C		C	C	C	TAN	G	G	G	C
Mournigh	14	200000000000000000000000000000000000000	-		Mark Control	30	93/2		30	THE REAL PROPERTY.	

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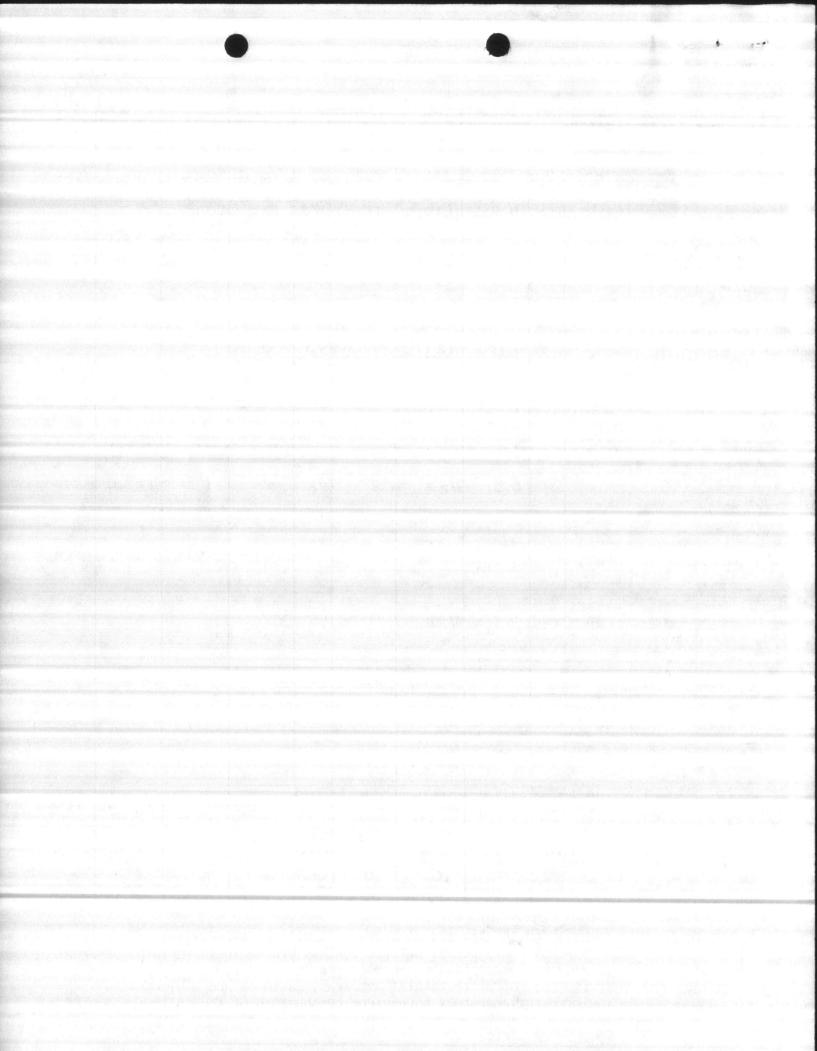


PLINT						TERMIT NO			MONTH	- 1	EAR
CAMI	JOHN S				NCO	06301	<u> </u>		OC TOBY		1987
		0°C 50D		MMONIA	TOTAL SUEP	1530 ENDED RE	SOUE	COLIFORM	OIL + GEENSE	TOTAL NITEOGRA	TOTAL PHOSPHOROUS
	INFLUENT	EFFLUENT	·,	EFFLUENT	INFWENT	EFRUENT	1.00	EFFLIENT	EFFURNT	EFFWENT	EMPLORAT
DATE	mg/L	mg/L	%	mg/L	Mg/L	mg/L	%	MF/100 ML	Mg/L	Mg/L	Mg/L
	1117	-	1	1/ 0	1.6		6.0	-	2.3		
- 2 3	162	14	91	4.8	106	11	90	.'0			-
			-		-		-				
4	100		02	11.0		-	0.7				
5	198	13	93	4.0	112	7	94	0			
7											-
			-		-		-		-		
8			20			6	0.3				
9	204	23	89	4.1	121	9.	93	32			Constitution .
10			-		24.90		1				
11		,									
13			-								
14		-		onede i Prog							
15				10 Taylor 1 1 1		Planta are an					
16	7:10	71	2.1	FO	11	•				1	ļ
	340	21	94	5.9	428	8	98	0		15.04	
17											
19	2	13	95	22			94				
20	245	13	73	3.3	251	14	79	0			4.7
2.1											-
22	5 14 2										
23	236	19	92	7. 2	180	9	45	0			
24	7.36		10	1. 5	180		10	1			
25											
26	530	17	97	3.8	268	12	92	0		arrague garantag	et elejesiden jad
27	330		11	3.8	268	16	16		2.3		
28									2.2		
29-		1000							 		
30	172	23	87	9.7	150	. 5	90	228			
31	112		07	10.1	-		/*				
TOTAL	2087	143	34.4	42.8	1516	75			4.6	15.04	4.7
AVERAGE	261	. 18	93	5.4	190	9	95	3.04	2.3	15.04	4.7
MAXIMUM	530	23	7.5	07	428	The same of the sa	建设	223	2.3		4.7
MUMIMUM	162	13		3,3	50			2	1	15.04	
Comp (c)	C	C	-	C .	C	c		G	2.3	15.04	4.1 C
MOLTHY	130		A .						G 30	C	

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ENVIRONMENTAL CHEMISTRY & MICROBI GY LABORATORY REPORT MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY

MCBCL 1	1345/8	(REV.	09/87)
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ANT					NEDESPI	ERMITNO.			MONTH		YEAR
0	NELOW	BEAG	H		INC	0063	053	,	OC TOP	ER	1987
		00310		00610		00530		31616	00556	00600	00665
		DAY 20°C BOD		AMMONIA	TOTALS	USPENDED RES	IDUE	FECAL COLIFORM	OIL & GREASE NITROGEN		TOTAL PHOSPHOROU
DATE	INFLUENT MG/L	EFFLUENT MG/L	%	EFFLUENT MG/L	INFLUENT	EFFLUENT		EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
1	136	5	96		MG/L	MG/L	%	MF/100 ML	MG/L	MG/L	MG/L
2	136	13	76	0,19	63	5	95	0	- 2		
3									0.7		
4											
5											
6	P. 75. 75. 75.		1				1			6 (b. 46.1) 12	
7	1000			27 28 7 46							
8	960	6	94	0.19	73	3	96	0			
9					15		10	0			
10											
11						41 M. A.					
12								S TOWN S AT			
13					20 * 15 * 5 5 6						
14	X	The same of the same		AND SURFINE TRANS							
15	132	6	96	0.13.3	40	2	95	0			
16	1.6										
17			1.						N. Carlotte		
18	1 1 1 1 1 1 1 1										
19											
20											
21	- 345			3400							
22	96	H	96	0.18	84	3	90	0			
23			110.00								
24								n tilved			the second sections
25	200						1.62				
26	44.00	1500								a the section of the	Artification of the St
27	there was a service of	e engineers	and the	the should be	providente nos pos		A Print County		3.4		
28			10 mg					19			
29	92	6	93	0.28	46	1	0	0			
30				W. Branch						r real	
31	mr == (5)	der treiter integrit		engagine karang		Personal Property		September 1995	enteres de la companya de la company		
TOTAL	558	27	1.00	0.97	356	14			4.6		
ERAGE	112	5		0.19	71	_3_	96	0	2,3		
MUMIXA	138	6		0.28	96	<u>5</u>		0	3.9		
NIMUM OMP (C)	42	4		0.13	40	i	THE REAL PROPERTY.	0	0.7		
RAB (G)	С	С	1	С	С	С		G	G	С	С
ONTHLY LIMIT	** 1 . 1 .	6.30	The same	17. 18. 18. 18. 18. 18. 18. 18. 18. 18. 18	The state of	30		14	The same of the sa		Web.

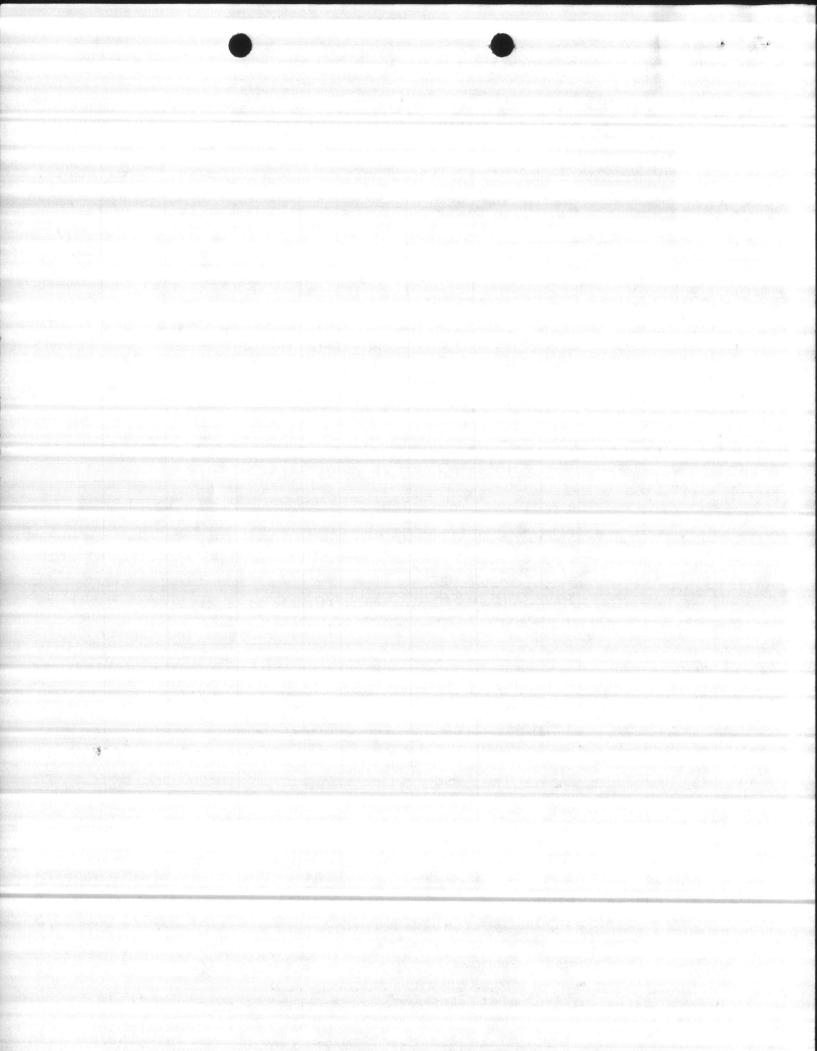
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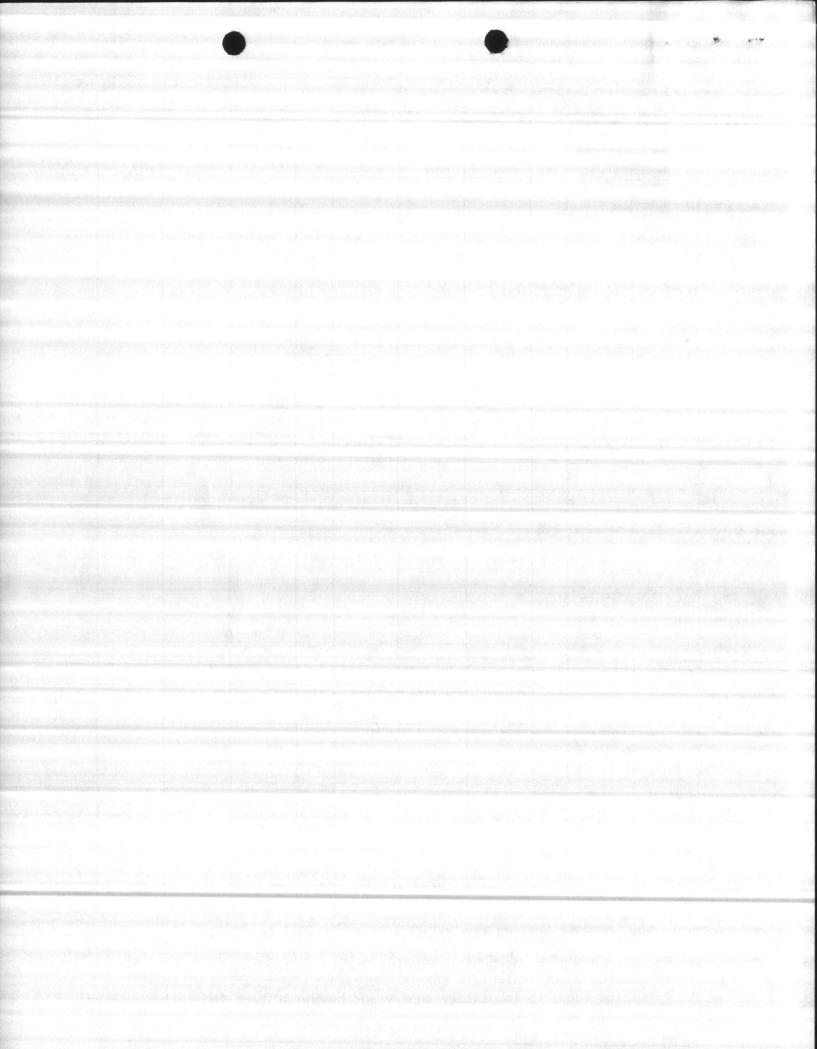
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SUBMIT COMPLETED FORMS TO LABORATORY SUPERVISOR BY THE 10TH OF THE FOLLOWING MONTH.



COUR	THOUS	K 13A	1_		Nec	TERMIT NO.			MONTH OCTOBE	K.	1987
	00	10.C 20D		Annonia	1	0530 ENDED RE		COLIFORM	00854	00600	TOTAL PHOOPHOED
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EFFLUENT Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	EFFLUE NT		EFFWENT Mg/L	
1	1940 S								0.9		
2								11			
3			an Si	· · · · · · · · · · · · · · · · · · ·			1900				
4					Page 1						
5	Allendary or hearth						agrae rolles.				
6	106	6	94	0.17	82	2	97	0			
7								-			
8											
9			1.17.19	1 1 1 1 1							
10	AND THE RESERVE OF THE PERSON										
11	1 .	CK TANK TO THE				PAE TO	•				
12		M. Talley									
13	108	3	97	0.15	93	. 2	98	0		7.61	
14	112									1.0	
15							•				
16											
17											
18				Har Tay In the State of the Sta		E STATE				1 2 7 7 7 1 1	
19	====		- =			=====		2 mars			
20	58	10	8.3	0.41	3.3	9	73	0			
21	2 4.										13.20
22											
23	5.81						palating a				
24				describeration	ar in this same					Mary Control	In contraction
25											
26	Poer Indiana	white files	e-musik			and the state of the state of	nya Dishirika				
27	198	11	94	0.44	97	//	87	0	2.6		1.8
28				0.0	19.00						
29-											
30	and a						en and a second			logic in the Control of the	É
31			Ou de la		100						
TOTAL	470	30	1	1.17	305	24	· Willy	0	3.5	7.61	1.8
VERACE	118	. 8	93	0.29	76	6	92.	0	1.8	7.61	1.8
MCMIXAN	198	11	No.	0.44	91		No.		2.6	7.61	1.8
MUMINUM	5.8	3		0.15	33	2	M.	0	0.9	7.61	1.8
(c) 643	C	С		C.	C	C		G	G	C	C
March 4	Spark.		1.25		A THE SHAPE	30			30	1	-

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- 3. At the end of the month, calculate totals, averages, maximums and minimums.
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MCBCL 11345/8 (REV. 09/87)

LANT						ERMITNO.			MONTH		YEAR
RIF	TLE RI	ONGE			NC	0063	037		OC TOBER		1987
,	50	00310 DAY 20°C BOD	00610 AMMONIA		00530 SUSPENDED RES		31616 FECAL COLIFORM	00556 00600 TOTAL OIL&GREASE NITROGEN		00665 TOTAL PHOSPHOROU	
DATE	INFLUENT MG/L	EFFLUENT MG/L	%	EFFLUENT MG/L	INFLUENT MG/L	EFFLUENT MG/L	%	EFFLUENT MF/100 ML	EFFLUENT MG/L	EFFLUENT MG/L	EFFLUENT MG/L
					To the second			"	0.9		
2											
3	1 100	A Control									
4		and the second	nje je Nasemi	ngar - Pagaraga and	- 100				Control of the State of the Sta		
5											
6	110	.~-	-								
7	48	5	90	0.21	77	2	97	0			
8											
9											
11											
12											
13											
14	.44	4	91	0.07	74	4	95	0			
15	16,18		111	101		T	75	0			
16											
17		10.00		a dia ma							
18		6.8			A Company	Marie of the Marie					
19					n 15 18 1			di .			
20				1000							
21	60	5	92	0.12	30	1	97	0			
22	1941	42	1200	100							
23											
24								- Light			
25		eng tibrandh	AR STILL				PERMIT		No. 2 Company		
26			1.00								
27	and the standard		er magazin eri		are services the common				3,1		
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ISTRUCTIONS:

COMPLETE THIS FORM IN INK, NEATLY AND CLEARLY OR IT WILL BE TYPED.

HEAD THE FORM WITH PLANT NAME, PERMIT NUMBER, MONTH & YEAR. INDICATE TOTAL OR FECAL IN COLIFORM HEADING. ADD THE APPROPRIATE MONTHLY LIMITS AT THE BOTTOM.

AT THE END OF THE MONTH, CALCULATE TOTALS, AVERAGES, MAXIMUMS AND MINIMUMS.

SUBMIT COMPLETED FORMS TO LABORATORY SUPERVISOR BY THE 10TH OF THE FOLLOWING MONTH.

