(TEMPORARY) SECNAVINST 5212.5B PART II, CHAP 6, PAR 6000(1)(c) 2 YRS

Memorandum

6280 NREAD

DATE: 28 Jan 88

FROM: Director, Natural Resources and Environmental Affairs Division,

Marine Corps Base, Camp Lejeune.

Base Maintenance Officer, Marine Corps Base, Camp Lejeune

(Attn: Utilities Director)

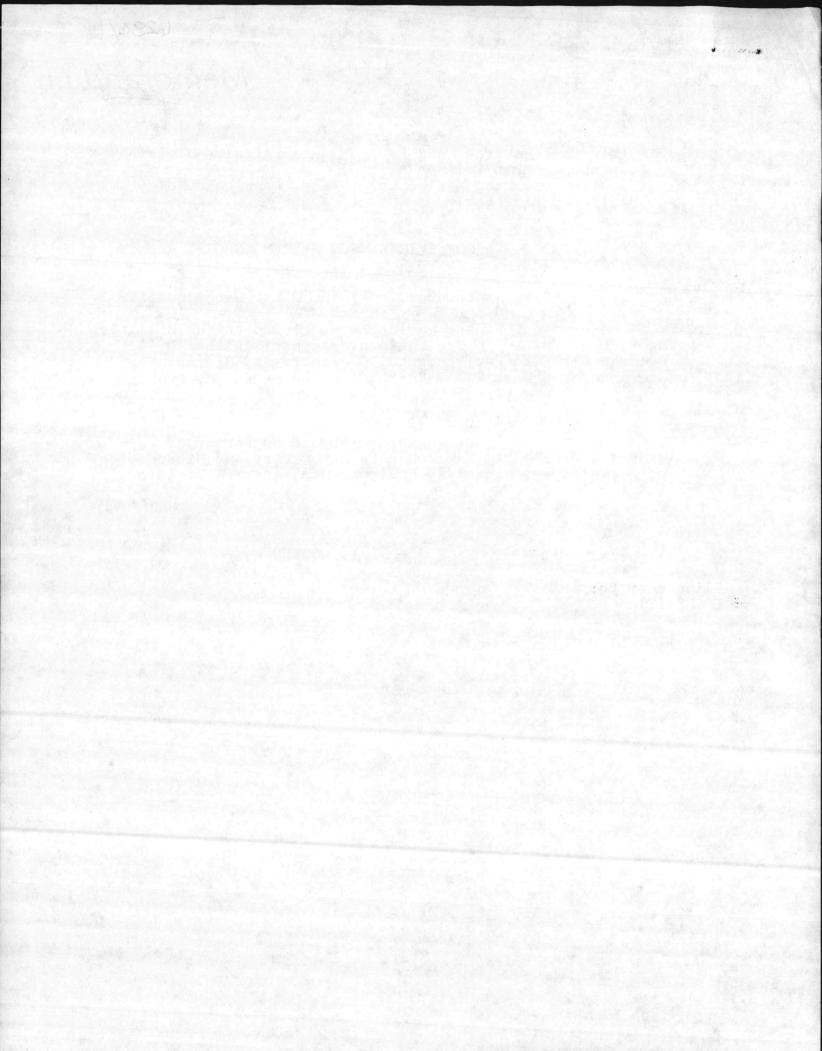
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT RELATED REPORTING DATA

ncl: (1) Monthly Report of Wastewater Treatment Plant Water Quality

- 1. It is requested that the enclosure be routed to the Utilities Systems General Foreman. The enclosure summarizes 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 December 1987.
- 2. Questions regarding the enclosure should be forwarded to the Supervisory Chemist, Environmental Chemistry and Microbiology Section, Natural Resources and Environmental Affairs Division, x5977.

J. I. WOOTEN

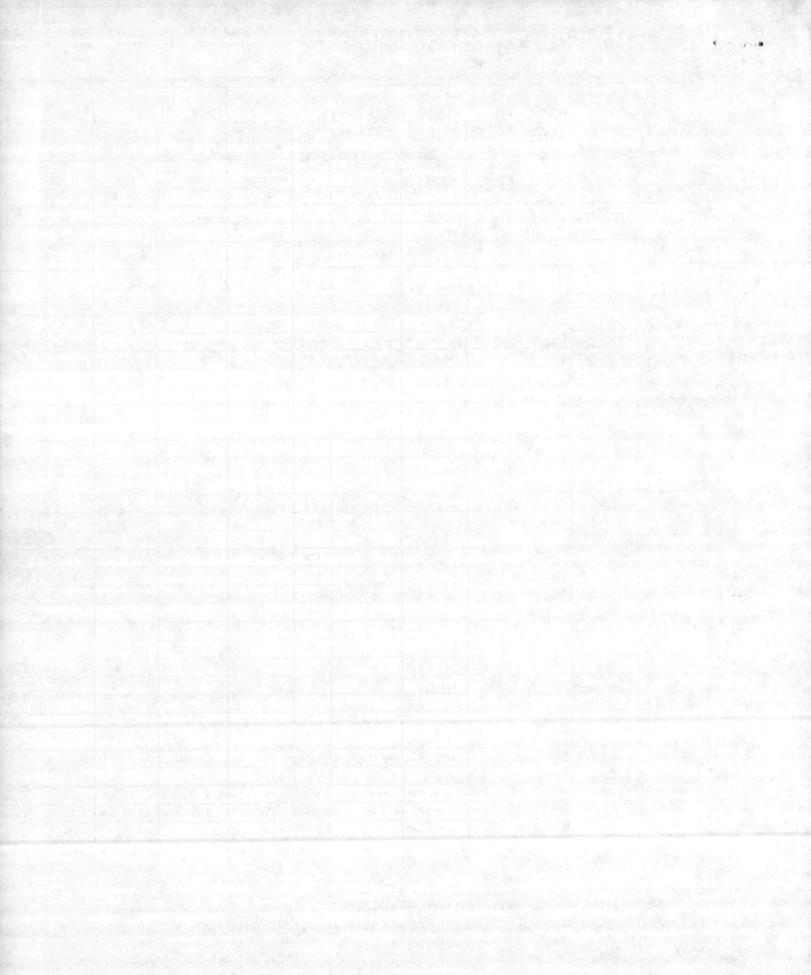
Blind copy to: EC&MS (2)



MCBCL 11345/8 (REV. 09/87)

a .	.				NPDES PE				MONTH		YEAR
CAMI	NHOT 9	SON	La Chin		NC	20630	11	,	DECEMB	EK	1987
		00310		00610		00530		31616 FECAL	00556	00600 TOTAL	00665 TOTAL
		AY 20°C BOD	100	AINOMIA		SPENDED RES	IDUE	COLIFORM	OIL& GREASE	NITROGEN	PHOSPHORO
DATE	INFLUENT MG/L	EFFLUENT MG/L	%	EFFLUENT MG/L	INFLUENT .	* EFFLUENT		EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
1	MG/E	MG/L	76	MG/L	MG/L	MG/L	%	MF/100 ML	MG/L	MG/L	MG/L
2		1000									
3	107										
4	2.10	1.41	94	9.4	295	10	0/			00.50	
5	248	14	74	7, 4	275	12	96	0	3.0		
6			100000	Ref.					-		
7	324	18	94	7.1	246	8	65	0			
8	284	18	94	7.7	306	Contraction of the last	97		100		
9	395	STREET, STREET	93		128	10	92	0::			
10	547	18	97	7.5	50 Z 244	13	97	0			
11	350	24	73			11	0-		-		
12	330	~ 7	1/3	5.5	149.	11 .	. 73	0			
13								**			
14	176	23	87	6.4	55	10	0 >	(2)	100		
15	110	α,	01	-0.4	33	10	82	0	2.0		
16									3.9		
17											
18	378	28	93	9.0	19605	14	98	0			
19	- 10			9.0	. 603	14	78				
20					1000				20.20		
21	165	13	92	3,2	69	9	87	0			
22	703		1,-	2,00	67	7	10/	0			
23					2.00						
24											Section 2
25	HOMONY								100		
26	HONGE										
27									A CONTRACTOR		And the second
28	174	12	93	2.9	145	4	96	0			
29		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1-		14.5	-	110	U	- T		
30											
31										3,00	
TOTAL.	3041	194	TAKE:	65	2498	104	450	•	10		
VERAGE	304	19	94	6.5	250	10	96		3.5		
MUMIXAI	547	28	12 344	9.4	605	14	70	0			
MUMININ	165	12		2.9	55	6	Was it	0	3.9		
OMP (C)			1		A STATE OF THE STATE OF		-		3.0		
GRAB (G)	C	С	-16	С	С	С	- 11	G	G	С	С
LIMIT	12 1 7 1 1	30			State of the state	30	1,,,,,	1000	30		

- 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.



MCBCL 11345/8 (REV. 09/87)

PLANT	_					ERMIT NO.			MONTH		YEAR
HAD	4 TOK		51.5		NCO	006302	29		DECEMBE	٧	1987
		00310		00610		00530		31616 FECAL	00556	00600 TOTAL	00665 TOTAL
	5 DA	Y 20°C BOD		AMMONIA	TOTALS	USPENDED RES	SIDUE	COLIFORM	OIL & GREASE	NITROGEN	PHOSPHOROUS
0.455	INFLUENT	EFFLUENT		EFFLUEN T	INFLUENT '	* EFFLUENT		EFFLUENT	ÉFFLUENT	EFFLUENT	EFFLUENT
DATE	MG/L	MG/L	%	MGAL	MG/C	MG/L	%	MF/100 ML	MG/L	MG/L	MG/L
1	210	12	94	7.4	180	13	93	10			
2	172	13	92	7.4	157	9	94	10			
3	176	12	93	8.3	150	6	96	0			3.2
4	275	14	95	4.5	156	13	92	2	5.7		
5	2000 CO. 100 C								The second second	71. 10	
6			15000								
7	182	14	92	7.2	168	11	93	0.			MB 3 4
. 8	184	15	92	8.2	122	9	92	4::		16.64	
9	168	12	93	8.0	184	15	92	4.1		and the second	
10	265	12	95	7.4	160	17	89	10:			
11	192	13	93	6.7	135	16 .	. 93	6			
12											
13					1.						
14	135	16	88	6.9	90	11	88	0			
15	212	14	9.3	8.5	163	6	96	10			
16	227	13	94.	7.4	135	14	90	10:			
17	185	14	92	7.8	98	17	83	6.			
18	148	16	89	7.5	110	10	90	2-	3.5		
19										100	
20)1				
21	172	2	99	4.1	76	12.	84	6			
22	100	11	89	5,8	105	5	95	0			Mary Johnson
23	140	11 38	93	4.8	65	11	83	10'			
24	172	10	94	3.9	84	10	88	2'		100	
25	HOLIDAY					10	00				
26	100000000000000000000000000000000000000										
27	diam't	gar 140									
28	164	12	93	2.6	104	14	86	10;			
29	164	12	93	3.0	115	10	91	0			
30	136	17	88	6.7	74	12	24	0			
31	128	17	87	6:1	88	9	90	6			
TOTAL	3927	282		142	2719	244	70	- 10	9.2		.2.2
AVERAGE	178	13	93	6.5	124	11	91	3.51		16.64	3. 2
MAXIMUM	275	17		8.5	184	17		CONTRACTOR OF THE PERSON OF TH	5.7	16.64	3.2
MINIMUM	100	2		2.6	56		- 学療	10	3.7	16.64	3 2
COMP (C)				~ ~ ~		5		0.		16.64	3 2
GRAB (G)	С	С		С	С	С		G	G	С	С
MONTHLY LIMIT	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	30		19	T. SAN	30		14	30	Section .	adjust an

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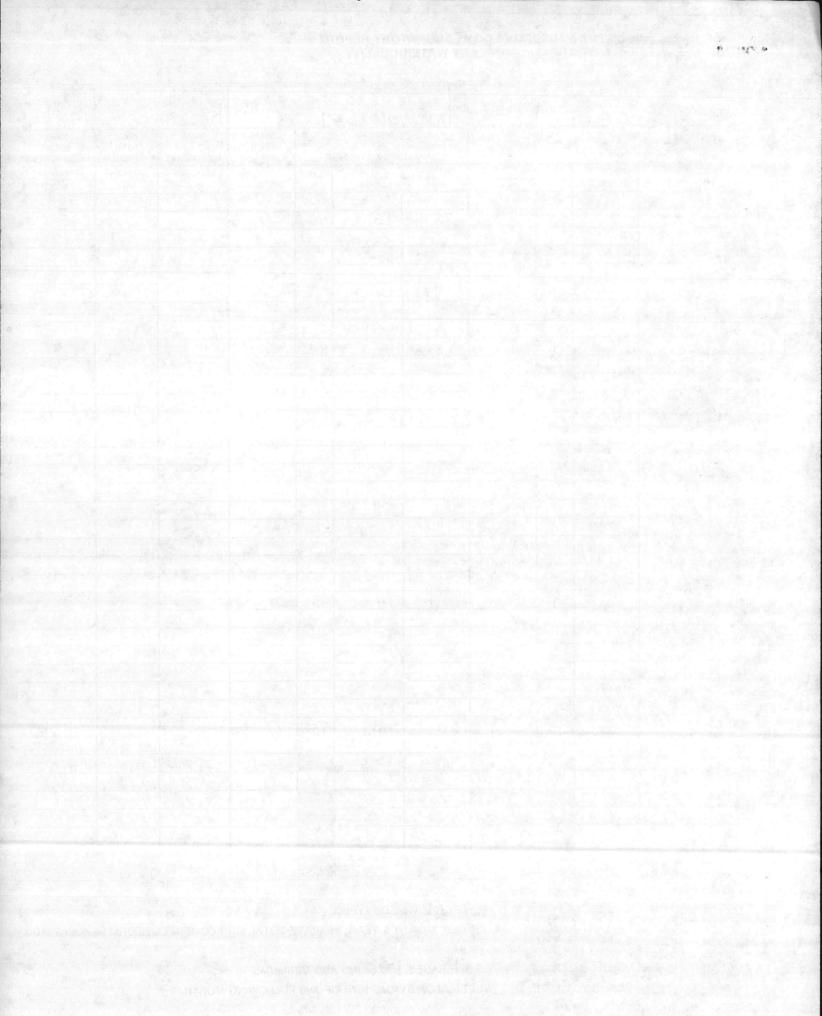
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MCBCL 11345/8 (REV. 09/87)

ANT					NPDESPI	EHMIT NO.			MONTH		YEAR
RIFI	LE RA	NGE			NC	06 30	37		DECEN	BER	1987
	300	00310 DAY 20°C BOD	100	. 00610 AMMONIA		00530 USPENDED RES		31616 FECAL COLIFORM	00556 OIL & GREASE	00600 TOTAL	00665 TOTAL
	INFLUENT	EFFLUENT	T	EFFLUENT	INFLUENT	* EFFLUENT	I	EFFLUENT	EFFLUENT	NITROGEN	PHOSPHOROU EFFLUENT
DATE	MG/L	MG/L	%	MG/L	MG/C	MG/L	%	MF/100 ML	MG/L	MG/L	MG/L
1	- 4	 	1000		a pilote typi (il		Hall of				
2	32	4	88	0,12	78	3	96	0		14	
3		larger of the									
4						1000000			1.6		
5											
6			3 22 16			100					
7			1,000								
8	4.4	H			a again sa					7.10	
9	74	7	91	j., 1	38	G	84	Q.		e deserva	1.5
10									- 400		
11						•					
12											
13										1	
14											
15	110	10	101	2 2	01	1	-	A .			
16	112	10	91	2.3	91	6	93	0:			The second second
17			+								
18							1000000		2.1		
19											
20											
21								C. New York			
22	12	7	0.1		107		01				
24	120		94	6.14	107	4	96	0			
25											
26						3					
27											To the second
28											
29									100		
30	34	4		0.13	60	3	95	0			
31	,			0,113	60	3	173	0			
TOTAL	372	32		3.79	374	22	-		3.7	7.10	1 -
/ERAGE	74	6	9/	0.76	75	4	94	0	1.9	7,10	1.5
AXIMUM	120	10		1.10	107	6	1	0	Constitution of the contract o	7.10	1.5
INIMUM	32	4		0./2	38	3		0	2.1	7,10	j.5
OMP (C)				149 - 47 2			100		1.6	7.10	1.5
RAB(G) ONTHLY	С	С		С	C	С	- 11	G	G	С	С
LIMIT	Police!	30			(A	- 30		14	30		

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MCBCL 11345/8 (REV. 09/87)

Λ.						PERMITNO.			MONTH		YEAR
CAMI	GEIGI	- 1			NC	00032	39		DECEMP	NE R	1987
		00310		00610		00530		31616 FECAL	00556	00600	00665
		AY 20°C BOD		AMMONIA	TOTALS	BUSPENDED RES	IDUE	COLIFORM	OIL& GREASE	TOTAL NITROGEN	PHOSPHOROU
DATE	INFLUENT MG/L	EFFLUENT MG/L		EFFLUENT	INFLUENT			EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
1	410		97	18.0	MG/C	MG/L	%	MF/100 ML	MG/L	MG/L	MG/L
2	325	11		18.2	238	7	97	2			
3		15	9.5	19.2	249	14	94	2			
4	410	23	99		152	21	86	0			1.9
5	110	23	194	19.1	190	20	90	2	2.8		
6			2000			Course Tra		- 6 4			
7	450	1211	20	7 7	2-1	F >					9 Ye
8	Control of the second	54	88	20,2	226	53	77	0			
9	304	27	91	19.1	66	20	69	0		23,92	and the
10	300	15	95	18.8	210	14	93	0			
	290 371	22	92	21,0	192	19	90	2		Action Face (B)	
11	311	23	94	17.6	186	7 .	. 96	0	200		
12											
13	200		-	2. 2				* * *			
14	275	19	93	20.2	16.3	11	9.3	4		78.6	
15	290	29	90	17.5	192	17	9.3	6	2.4		
16	440	20	25	. 19.4	223	22	90	70	Na it is not be		
17	410	19	95	2.3.1	320	22	94	2			
18	3/0	38	88	23.0	190	33	82	2			
19						1 1 1 1 1 1 1					
20			10								
21	340	22	94	18.5	258	20	92	0			
22	290	14	95	16.9	110	12	89	0	poster profit	10 a 1 a 10 a 10 a 10 a 10 a 10 a 10 a	
23	500	18	97	17.2 .	265	12	95	2			
24	200	16	92	13.4	113	11	90	0			
25	HOLIDAY										
26		7.5									
27	16.6-25.	4.00	1000								
28	230	11	96	16.3	138	8	94	0			
29	310	18	94	12.2	180	10	94	0			
30	300	7	38	14,3	115	13	27	0			
31	324	11	97	15.6	172	10	94	.0			
TOTAL	72 42	415	200	404.9	3948	356	11/19		5.2	23.92	1.9
VERAGE	330	19	94	18.4	179	16	91	1.75	2.6	33.92	1.9
AXIMUM	500	54		23.1	320	53	100	70	2.8	23 92	1.9
MUMINI	200	7		12.8	66	7		D.	a. y	23.92	1.9
OMP (C) RAB (G)	С	С		C	С	С	12:53	Same and			
ONTHLY	And it			Sales Services			- 47	G	G	C	C
LIMIT	White to be	30				30			30	A MARIE	Sirera.

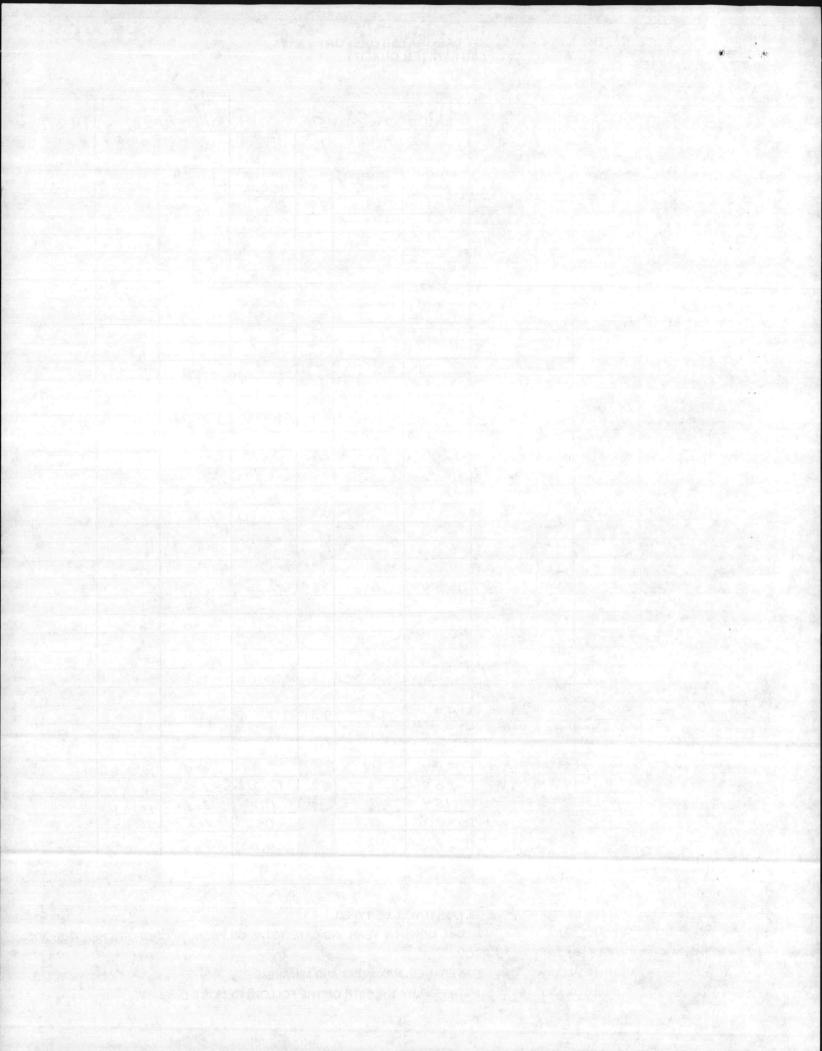
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MCBCL 11345/8 (REV. 09/87)

· .									MONTH		YEAR
LOUR	THOUSE	1304			INC	90 6 3 c	245		DECEM	BER	1987
		00310		00610		00530		31616 FECAL	00556	00600 TOTAL	00665 TOTAL
		AY 20°C BOD		AMMONIA		USPENDED RES		COLIFORM	OIL & GREASE	NITROGEN	PHOSPHOROL
DATE	INFLUENT MG/L	EFFLUENT MG/L	%	MG/L	INFLUENT .	* EFFLUENT MG/L	1 %	EFFLUENT MF/100 ML	EFFLUENT MG/L	EFFLUENT	EFFLUENT
1	106	9	92	0.66	90	10	89	2	MG/L	MG/L	MG/L
2	100		1/5		10	10	101				
3											
4	and the second								3.1		9-7-7
5								**	3.1	 	
6						dina 1	7 19 1				
7			100								
8	86	9	90	0.55	54	7	37	0.		10.33	
9				17.72						Barbara A. Maria	
10			2 10						Part Name		
11			- printing		de la granda						
12							- 350				
13						Parity of the		**			
14					100000000000000000000000000000000000000	THE L					
15	124	9	93	5.2	102	10	90	0			
16							1 1 10	: .			
17					MALE A						N. M.
18									1.8		
19								4 - 4 - 4 - 4 - 4 - 4	Physical Co.		
20											
21											
22	157	8	95	1.08	154	6	98	0			
23							7 1		Self Name of		
24											
25	HOLIDAY	7 17 - 17									
26	A PANAL OF										
27				•							18
28											
29	142	8	94	0.11	147	-11	93	10			
30			1 34 -	- 100 Marie 1879							
31			1000								
TOTAL	615	43		7.60	547	44	NAME.		4.9	10.33	
/ERAGE	123	9	93	1.52	109	. 9	92	1.82	2.5	10.33	THE STATE
AXIMUM	157	9	_	5.20	154	11		10	3./	10.33	
OMP (C)	86	8		0.11	54	6		0	1.8	10.33	
RAB(G)	С	С	A SAME STATE	С	С	С	_ , 18	G	G	С	С
YJHTNC LIMIT	15.1.1	30			SALES IN THE			14			

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MCBCL 11345/8 (REV. 09/87)

				**		ERMITNO.			MONTH		YEAR
TAR	AWA T	ERRA	CE		NC	00630	02		DECEM	ER	1987
	and the second	00310		00610		00530	San La	31616	00556	00600	00665
	50	AY 20°C BOD		AMMONIA	TOTALS	USPENDED RES	SIDUE	FECAL COLIFORM	OIL & GREASE	TOTAL NITROGEN	PHOSPHORO
DATE	INFLUENT MG/L	EFFLUENT		EFFLUENT	INFLUENT '	EFFLUENT	The second	EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
	172	MG/L	%	MG/L	MG/C	MG/L	%	MF/100 ML	MG/L	MG/L	MG/L
2	176	15	92	4.2	84	8	90	0			
3			91	3,3	82	13	84	10			
4	156	14	91	2.9	112	14	88	0			3.8
5	176	8	95	2.7	go	10	88	0	2.7		
6	C No. 20 Control		9					6.6			Alexander agent
7	2.0	18	ai		100	1.				A COMMAND	
	208		91	4.6	158	13	92	0			
8	216	17	92	3,6	116	7	94	0;		17.28	
9	188	13	93	2.5	100	15	85	0			
10	176	12	93	7.2	108	15	86	10			
11	188	14	93	2.9	113	7	.94	0			
12											
13	16:0	14	-					V V			
14	190	12	94	2.8	95	14	8.5	0			
15	308	12	94	2.0	104	10	90	ව	4.0		
16	192	15	92	2.9	102	10	70	0::		100	
17	192	18	91	3.3	116	12	90	0			
18	164	18	89	5.5	102	13	87	0		State of	1.1
19										Alteria	
20											
21	188	/3	93	1,2,	76	10	88	0			
22	105	17	84	6,0	44	12	72	0			
23	200	16	92	2.6	114	10	91	0			
24	204	15	93	2.8	66	10	85	0			
25	HOLIDAY					Page 17 State of					
26	384 375						idi.	V P			
27											
28	160	12	93	3.1.	114	9	92	10			
29	212	13	94	3.4	155	9	94	0			
30	331	14	93	6.4	88	13	85	0			* 6 T
31	204	11	95	5.6	144 _	12	92.	.0			
OTAL	4063	31/		84.9	2273	246	14.35	1 10 10	4.7	17.18	38
ERAGE	185	14	92	3.9	103	11	89	1.37	8.4	17.18	38
XIMUM	216	18		7.2	158	15	4 7. 3. 3.	10	4.0	17.13	3.8
NIMUM	105	8		1.2.	44	7	1.1.	0	8.7	17.28	3.8
MP(C) RAB(G)	С	С		С	С	С	2) W.				s and the co
MITHIN	9-1 /					U	一层长	G	G	C	C
IMIT	port of	30				30		1000	30	Ser y Sup.	1101 70

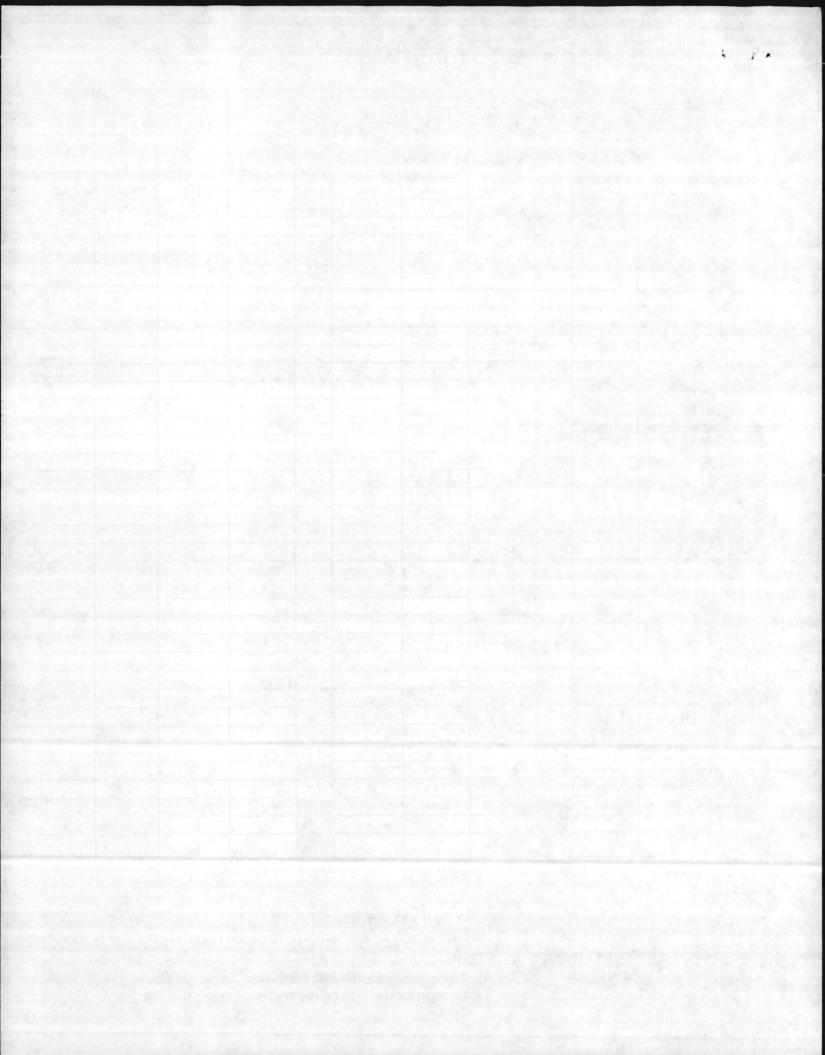
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Demonstration became against the party of a property of a party of the party of the

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LANT	•				NPDESPE				MONTH		YEAR
ONS	Low 13	each			NC	00630	53		DECEM	BER	1987
	and the second	00310		00610	em a compani	00530		31616 FECAL	00556	00600 TOTAL	00665 TOTAL
		DAY 20°C BOD	40.0	AMMONIA		USPENDED RES	IDUE	COLIFORM	OIL& GREASE	NITROGEN	PHOSPHOROU
DATE	INFLUENT MG/L	EFFLUENT MG/L		EFFLUENT	INFLUENT '			EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
1	MG/L	MG/L	%	MG/L	MG/E	MG/L	%	MF/100 ML	MG/L	MG/L	MG/L
2			-						Più .		-1.70 M
3	37	7	92	1.0	2011	4	5.6	846			
4	01	+-	72	7.0	204	4	98	845	2.4		2.5
5								• •	3.8		
6				St. Votes				• .			
7											
8				The Control of the Control							et per de la company
9			+								
10	146	9	94	0.9	94	6	011	0			
11			11	0.77	99		94	CHARLES THE PARTY OF THE PARTY			
12							·				
13											
14			12,363	and the second							
15											
16											11/41-1
17	176	10	94	0.39	108	5	95	Z			
18								-	1.1		
19		A A CONTRACT					2.65				
20											
21			200					The Area			
22											
23											
24	84	4	95	0.12	37	Z	95-	0		1.0	
25											
26					and the state						
27											Will Elm with
28										10 10 20 11 150	- 200
29		1.6									
30											
31	98	18	82	0,15	133	4	97.	2		7 124	
TOTAL	591	48		2.56	576	21	200		4.9		2.5
VERAGE	118	10	92	0.51	115	4	97	5.08	2.5		2.5
MUMIXA	176	18		1.00	204	6		845	3.8		2.5
MUMININ	84	4		0.12	37	2		0	1.1		2.5
OMP (C) GRAB (G)	С	С		C	С		273 10.33				
IONTHLY	201 (3)					С	- 41	G	G	C	C
LIMIT	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	30				30	THE STATE	14	30	APA	

- 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.



6286/1 NREAD 22 Dec 87

From: 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 Foreman. 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 November 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

Copy to:

V Zasta Seneralis Para seneralis

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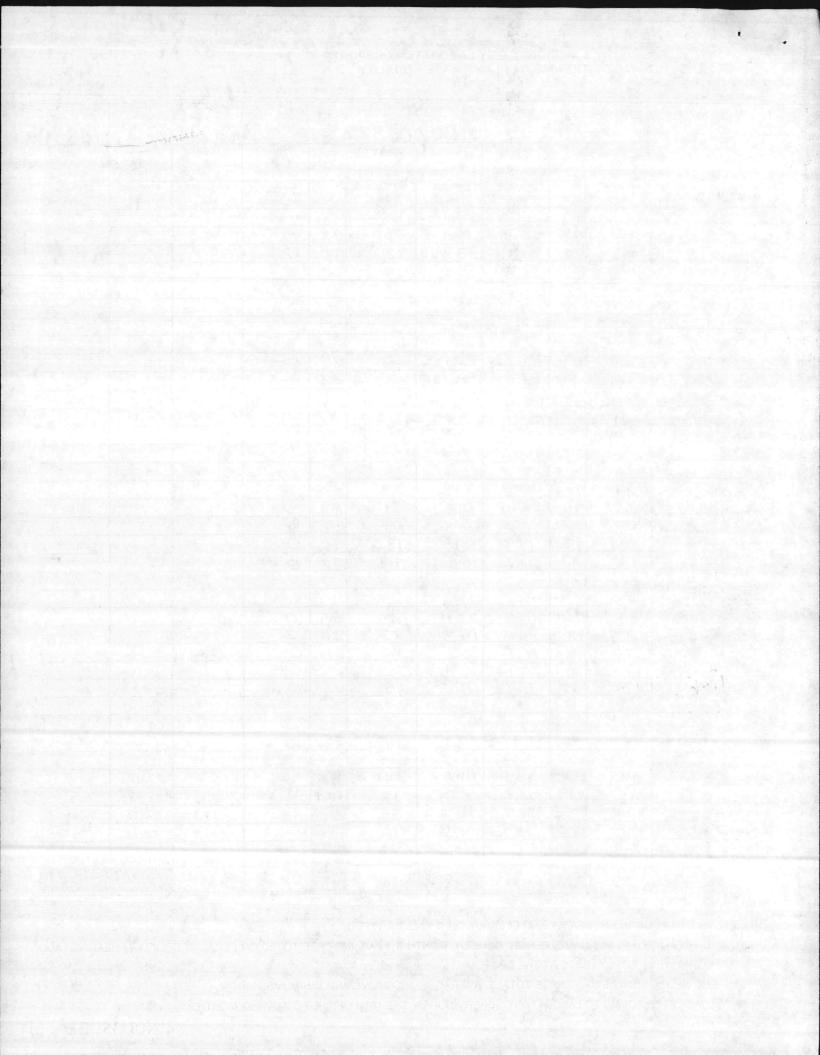
ANT	, s				NPDES PE	RMIT NO.	_		MONTH		YEAR
PAMF	GRIG	ER			NCE	00032	39		NOUZNBA	ER	1987
		00310 DAY 20°C BOD		00610 AMMONIA	TOTAL SI	00530 USPENDED RES	IDUE	31616 FECAL COLIFORM	00556 OIL & GREASE	00600 TOTAL NITROGEN	00665 TOTAL PHOSPHOROUS
	INFLUENT	EFFLUENT	-1-1-1	EFFLUENT	INFLUENT	EFFLUENT		EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
DATE	MG/L	MG/L	%	MG/L	MG/L	MG/L	%	MF/100 ML	MG/L	MG/L	MG/L
1											
2	400	12	97	26.2	280	7	98	0			
3	520	15	97	23.0	333	12	96	12			70.00
4	580	20	97	20.0	408	19	95	2		error of the	
5	512	24	95	20.6	260	7	97	0			
6	590	130	78	17,6	266	11	96	0			
7										William Street Color	
8								E-10-4-5-4			
9	410	24	94	23.0	203	21	90	0			
10	385	23	94	20.6	438	27	94	0			
11	Haur	A									
12	LAB	ERRI	4	18.8	176	6	97	0		22.18	
13	493	24	95	17.5	186	7	96	0	1.8		
14									100	- 1000	
15											
16	372	17	95	27.8	178	23	87	O			
17	285	17	94	21.0	178	19	89	0			1.5
18	347	15	96	17.5	20.8	6	97	0			
19	345	20	94	18.9	308	18	94	0			
20	279	19	43	17.2	16.8	14	92	0			
21			- 2				1				
22											
23	560	21	96	20.5	264	39	85	0			
24	360	8	98	19.6	16.3	23	86	2			
25	312	24	92	25.3	200	38	81	0	3.3		
26	HOLIDAY		1	85.7	200	-,0	01	30 2002	3.5		
27	156	22	85	13.7	76	29	62	0			
28	1.34		100		10	S. 1	-				
29			22.03								
30	268	12	96	15.2	130	14	85	10			
31			T			and the same	1	10			
TOTAL	7175	447		384	4423	340	Dies.		5.1	22.18	1.5
VERAGE	399	25	93.7	20.2	233	18	90.4	1,38	2.6	22.18	1.5
AXIMUM	590	130		27.8	408	39		12	3.3	22.18	
MINIMUM	156	3		13.7	76	6	1.7		1.8	-	1.5
OMP (C)					14	6		0.	1.8	22.18	1.5
RAB (G)	С	С	1 2	С	С	С	i	G	G	С	С
LIMIT	A Francis	30			The state of	30	3.0	200	30	11,211	Control of the second

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.



1CBCL 11345/8 (REV. 09/87)

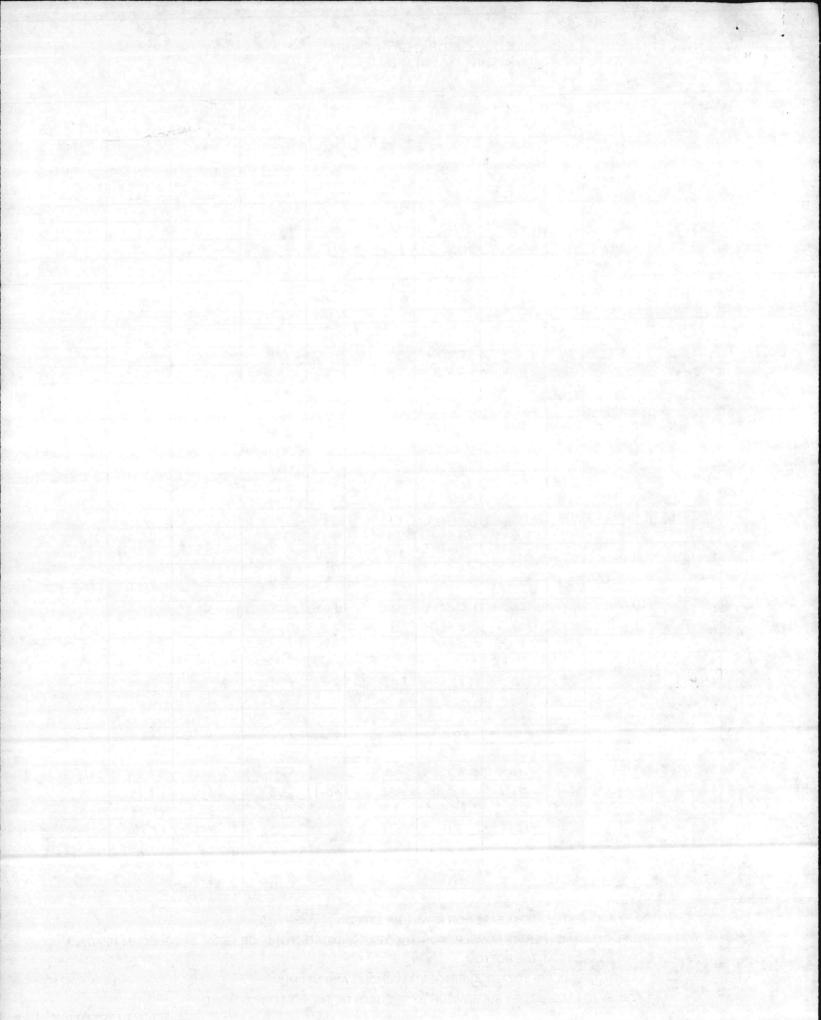
ANT					NPDESP	ERMITNO.			MONTH	= K = F	YEAR
TAR	AWA -	TERRAC	E		NCO	206 300	22	and the	NOVEME	BER	1987
	5.0	00310 DAY 20°C BOD		00610 AMMONIA		00530 SUSPENDED RES		31616 FECAL COLIFORM	00556	00600 TOTAL	00665 TOTAL
	INFLUENT	EFFLUENT		EFFLUENT	INFLUENT	EFFLUENT	T	EFFLUENT	OIL & GREASE EFFLUENT	NITROGEN	PHOSPHOROUS EFFLUENT
DATE	MG/L	MG/L	%	MG/L	MG/L	MG/L	%	MF/100 ML	MG/L	MG/L	MG/L
1	10-				0.1						
2	185	15	92	1.2	94	8	91	0			
3	190	12	94	2.3	108	10	91	4	100 m		
4	183	14	92	2.2	92	9	90	440			
5	/88	14	93	4.1.	73	12	84	0			
6	180	7	9.5	2.2.	115	14	88	0	100000		
7			1								
8	220	-	0.								
9	220	9	96	1.9	153	10	9:	2			
10	340	/8	95	1.6	393	14	96	2			
11	HOLIDA	1	100						1 3 7 3		
12	LAB	ERROR		5.8	116	10	91	0		17.74	
13	232	14	94	3.4	131	7	75	10	3.4		
14									To the same		
15											
16	176	20	89	4.8	110	13	88	0			
17	276	16	94	3.0	78	18	77	0			5.0
18	168	14	94	1.8	70	10	36	0			
19	180	14	92	1.6	120	11	91	0			
20	156	18	88	5,3	88	14	84	0			
21		S. A. Selle							12 30000		
22									· 水子等产品。		
23	156	15	90	6.6	164	9	95-	0			
24	293	10	97	2.7	104	8	92	0			
25	188	16	91	6.3	106	16	8.5	2	2.6		
26	HoLinat						a graph				
27	196	19	90	7.3	112	13	88	4			
28											
29				only oroginal				A SECOND			
30	SAMPLE	EKKOK		1.8	98	19	81	2			
31		and the second			188						
TOTAL	3507	245	19 2	65.9	2325	225	Sec. 1.		6.0	1774	5.6
ERAGE	204	14	92.7	3.5	122	12	88.7	2.08	3. 0	17.74	5 0
AXIMUM	340	20	Hage.	6.6	393	81	100	440	3.4	17.74	5.0
NIMUM	156	7		1,2	70	7	11.50	0	2.6	17.74	5.0
OMP(C) RAB(G)	С	С		С	С	С		Section of Theoret			
ONTHLY			1		STATE OF THE OWNER, WHEN	C	- 1	G	G	C	C
LIMIT	San March	30	are.			30	1.00	1000	30	A Property	A. 18

STRUCTIONS:

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

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



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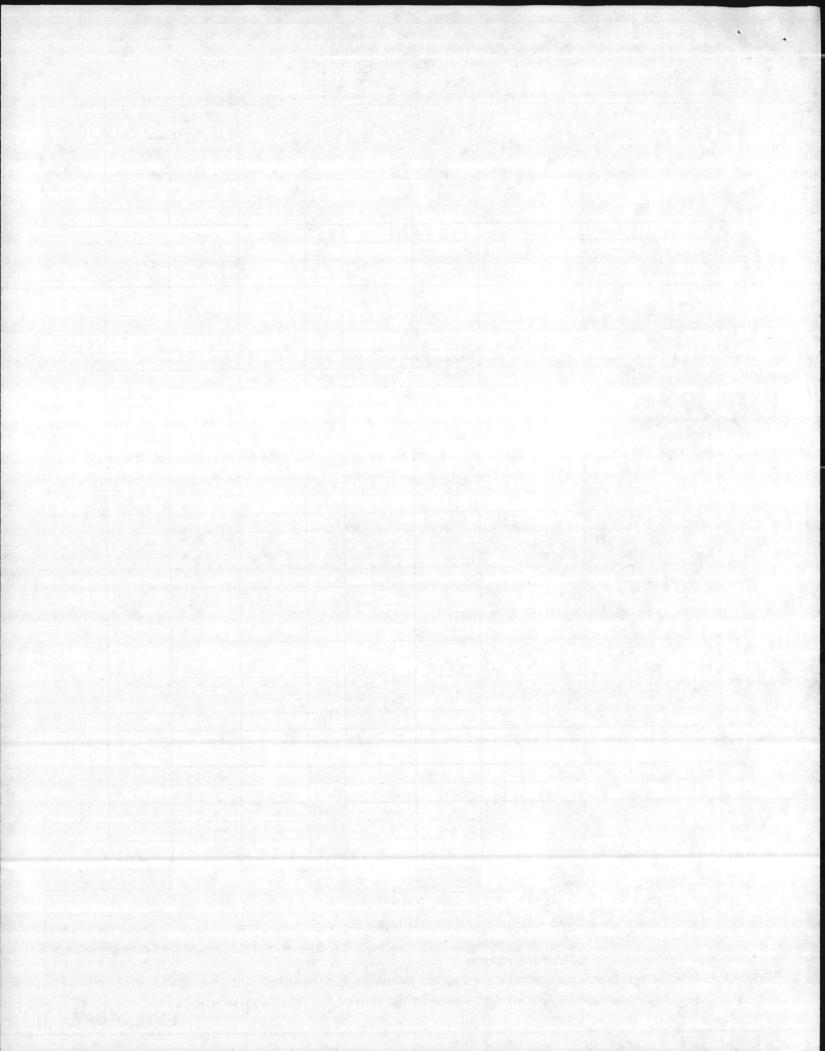
ANT					NPDESP	ERMITNO.	-		MÖNTH		YEAR
CAM	P JOHA	USON			NC	20630	П		WOVENE	EL	1987
	5.0	00310 DAY 20°C BOD		00610 AMMONIA	TOTALS	00530 SUSPENDED RES		31616 FECAL COLIFORM	00556 OIL & GREASE	00600 TOTAL NITROGEN	00665 TOTAL PHOSPHOROU
DATE	INFLUENT MG/L	EFFLUENT MG/L	%	EFFLUENT MG/L	INFLUENT MG/L	EFFLUENT MG/L	%	MF/100 ML	EFFLUENT MG/L	EFFLUENT MG/L	EFFLUENT MG/L
1									1.388 I T A A		
2	530	14	97	3.3	173	4	98	CLZ	- Jake 1 - 9		and the second
3											
4						100,000					
5 6	520	17	99	0.2	7//	10	101				
7	320		179	9.2	366	12	96	0			
8											
9	420	14	97	6.1	245	7	97	5-			
10		- 100	1''	0.1	73	1	1''				
11									1 200		
12			A property			4.97%	3 000				
. 13	336	24	93	8.3	457	4	99	2	3,2		
14											
15		1989									
16	840	20	98	6.1	370	1	99	0			
17				der in a							<u>, 11</u>
18				Chromes.		100 2000		45.75	Property and	and the second	
19	22.0	2.0									
20	220	78	87	8.0	130	12	91	2	F 1		
21											
23	144	23	85	9.0	14177	10	0.5	•			
24		~)	05	1.0	147	10	9.3	0		107	
25									3.2		
26	HICKIDAY								5, &		
27	154	12	92	1.6	124	6	95	2-			
28	15										
29		1 mg 1 mg	400							1.38	
30	425	15	96	1.7	275	8	97	0			
31	2500						100				
TOTAL	3589	157	0.0	53.3	2237	64	11/		6.4		
VERAGE	399	17	93.8	5.9	254	7	96.1	1.59	3.2	in a special and	
MUMIXA	340	28		9.2	457	12	500	5	3. 2		
OMP (C)		7	185	1.6	124	1		0	3.2		
ONTHLY	С	С	Spirit	С	С	С		G	G	С	С
LIMIT	190 191	30			The Later	30		14	30	with the ball	

STRUCTIONS:

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.



INVIRONMENTAL CHEMISTRY & MICROBIOLOGY LABORATORY REPORT AONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY 1CBCL 11345/8 (REV. 09/87)

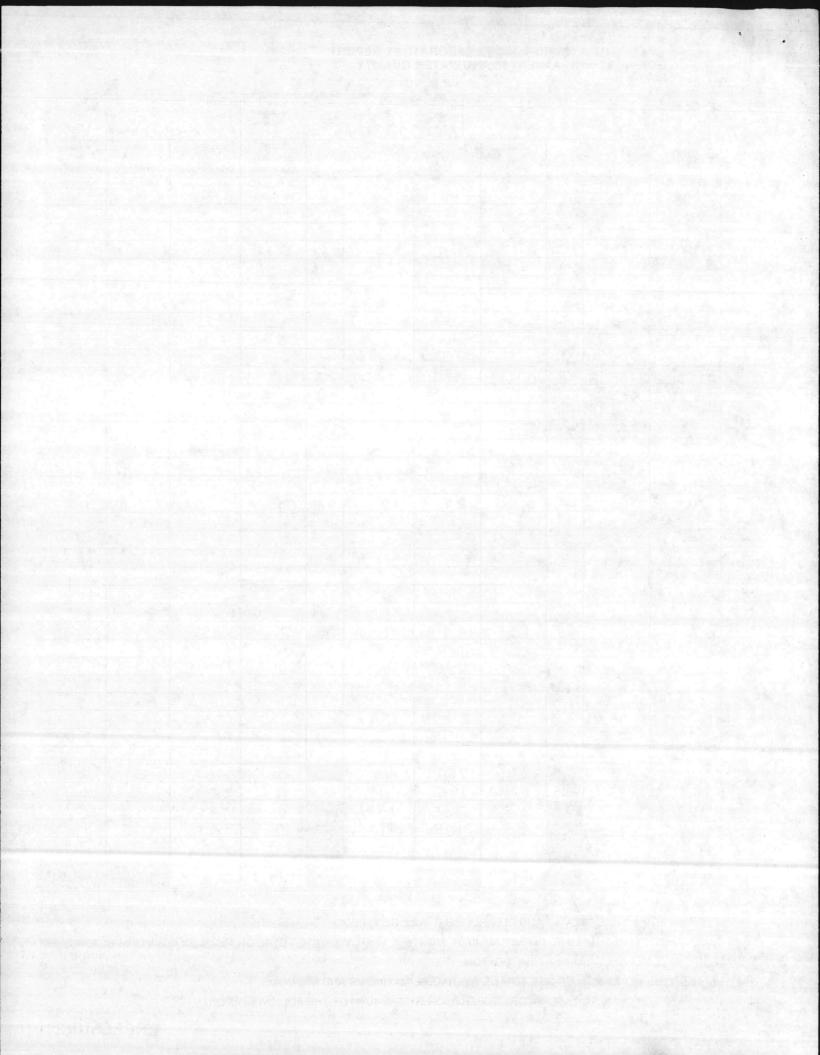
NT			190		NPDES PE	HMII NO.			MONTH		YEAR
OUR	THOUSE	BAY		NCC	0630	45	NOVEM	1987			
	00310			00610 AMMONIA		00530 JSPENDED RES		31616 FECAL COLIFORM	00556 00600 TOTAL OIL & GREASE NITROGEN		00665 TOTAL PHOSPHOROU
	INFLUENT	EFFLUENT	5 500	EFFLUENT	INFLUENT	EFFLUENT		EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
DATE	MG/L	MG/L	. %	MG/L	MG/L	MG/L	%	MF/100 ML	MG/L	MG/L	MG/L
1		8	42-34		The state of the		-	1000			
2			2 (2)						and the Market share		
3	305	10	97	1.1	305	12	96	0			
4			Spar Skills	mental desertion			The state of the s				
5		1 · · ·	100								
66			100							8.55	
7										19 50 1	
8	4.00		1.5			200	E BALL	The state of the s			
9	(410) (410)		04				-	E- 5-10-174	348 S. T. T.		
10	259	10	96	0.56	181	7	96	0			
11			100			The second	1				
12					300						
13									2.4		
14							100		TEXT STATE		
15			ALBERT .				100				
16			E 200						_		
17	248	11	96	0,50	189	19	90	0		HA THE	1.7
18											
19		1 × 1									
20				1.0							
21		BITTE H									
22			10.5				Jane .				
23		.4	1500						2.1		
24	64	7	89	1.5	105	7	93	0			
25					A Marky						
26									Females		
27			A. 150								
28		MAC SA					1 5 4 5			100	
29		1 1									
30											
31					11/24		1000				
TOTAL	876	38		3.66	780	45	1	0	4.7		1.7
/ERAGE	219	10	94.5	0.92	195	- 11	100	0	2.4		1.7
AXIMUM	305	11		1.5	305	19		0	2.6		1.7
INIMUM	64	7		0.5	105	7	17.	0	2.1		1.7
OMP (C) RAB (G)	С	c	A CONTRACTOR	С	С	С	27. 27.	G	G	С	С
YJHTNC	1, 1 1 10		- 1		THE RESERVE AND DESCRIPTION OF THE PERSON NAMED IN		- 1				
LIMIT	ar to Fill	30				30	1 1 7 1	14	30		

ISTRUCTIONS:

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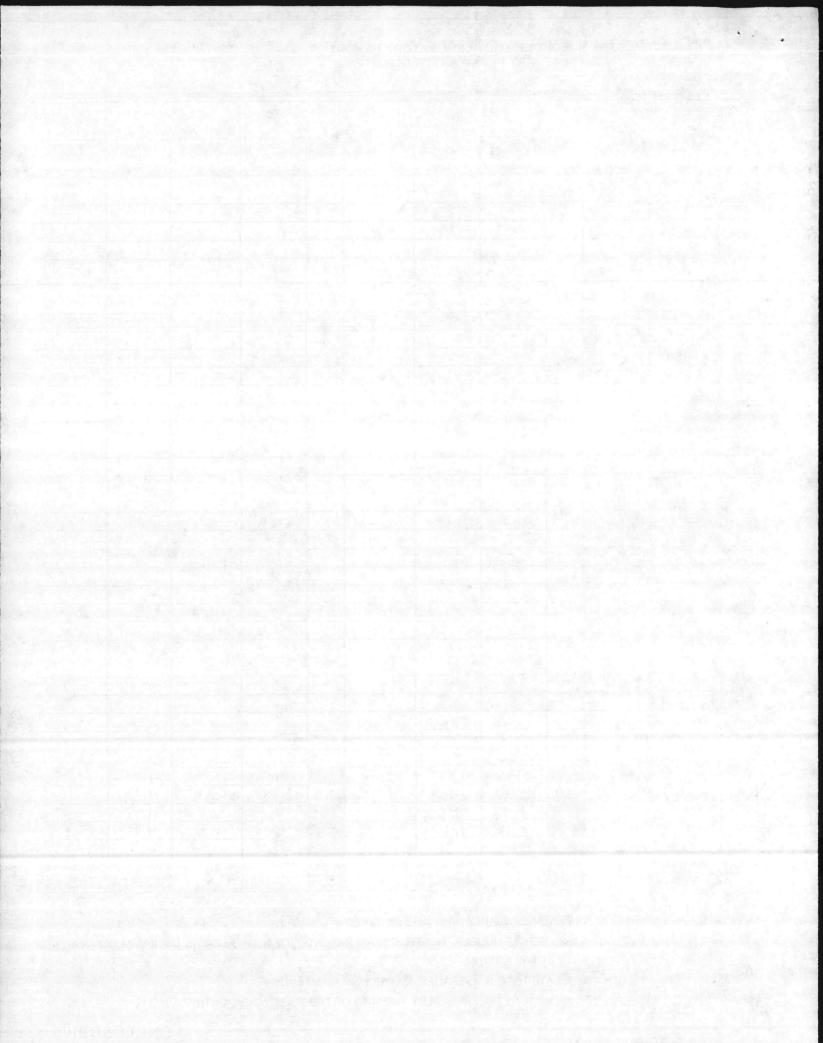
2.01	IT							MONTH		YEAR	
<1+r	E RAM		NC	00630	37	NIOVEMBER		1987			
		00310 AY 20°C BOD		00610 AMMONIA	41,674	00530 JSPENDED RES		31616 FECAL COLIFORM EFFLUENT MF/100 ML	00556 00600 TOTAL OIL & GREASE NITROGEN		00665 TOTAL
	INFLUENT	EFFLUENT		EFFLUENT	INFLUENT	EFFLUENT			EFFLUENT MG/L	EFFLUENT MG/L	PHOSPHOROUS EFFLUENT MG/L
DATE	MG/L	MG/L	%	MG/L	MG/L	MG/L	%				
1							Mark a				a digalga i
2		75.7						the same			
3									15. 15. 14.		
4	43	5	95	0.48	106	2	98	2			T. N. S. British
5	17 (4)			La company		776					
6			- 914	200	1000						
7				25							
8			10.000				S 19.				hallings
9			200								
10			16.06			1,229					
11	HOLIDAY		1						t and		
12											
13			-		200				0,6		
14						1011-12-17-1					
15					100						
16	11.50										
17		~			No. of the Paris			12/2			
18	78	7	91	0.30	206	6	97	0		4.71	
19											
20											
21											
22	The state of the s		N. 201.054				A BOND				
23		6 1 No.							1.1		
24	100000										
25	100	5	95	0.18	125	4	97	0			
26	4.34	a Carolina							100		No. of Page 1
27	* 25.2										A. T. S. Karangaran
28											
29											
30											
31	A Section of			1 1							
TOTAL	271	17	A Maria	0.96	437	12	12.4	- 4,4	1.7	4.71	
ERAGE	90	6	93.7	0.32	146	4	97.3	1.26	0.9	4.71	
AXIMUM	100	7		0.48	206	6		2	1.1	471	
NIMUM	78	5		0.18	106	7	100	0	0.6	4,71	
OMP (C) RAB (G)	С	С		С	С	C		G	G	С	
NTHLY LIMIT	N. 4. 64.	30	1/1/200		Section.	30	- Villa	14	30	(in your as	С

STRUCTIONS:

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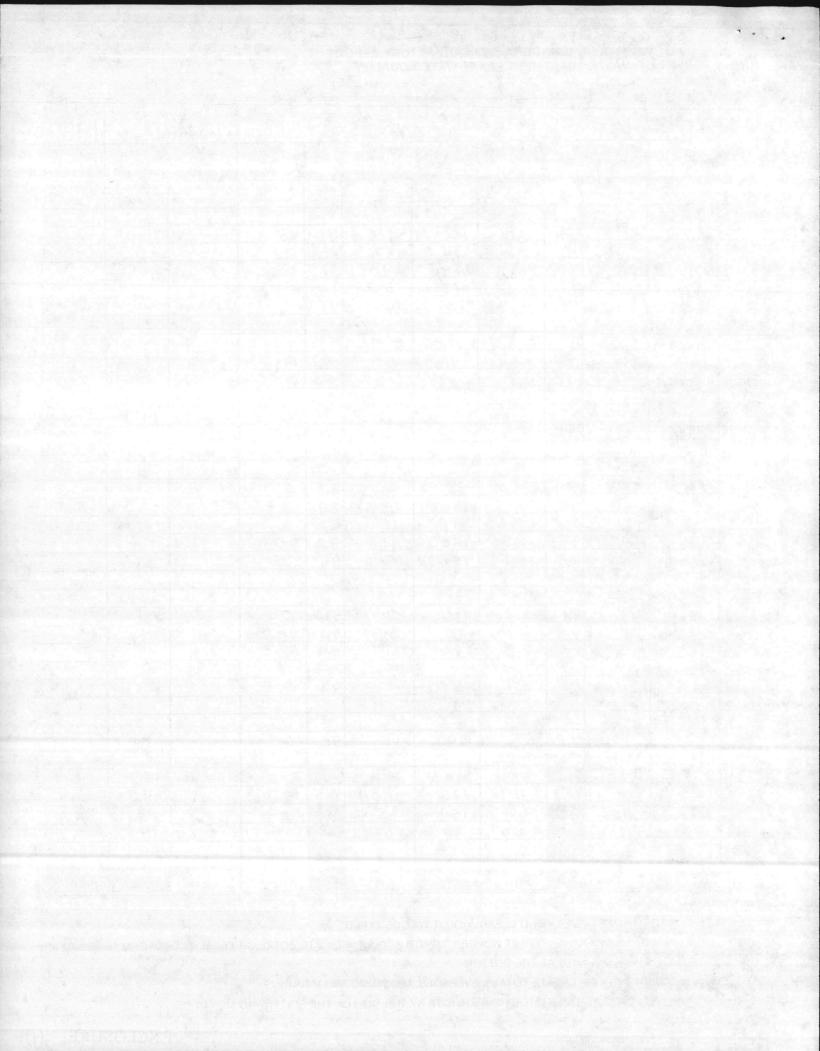
ANT				NPDESP	ERMIT NO.		MONTH	YEAR			
HADA	VOT P	OINT		NC	006302	29	NOVEMBER		1987		
	5 DAY 20°C BOD INFLUENT EFFLUENT			00610 AMMONIA	00530 31616 FECAL TOTAL SUSPENDED RESIDUE COLIFORM				00556 OIL & GREASE	00665 . TOTAL	
				EFFLUENT	INFLUENT EFFLUENT			EFFLUENT	EFFLUENT	NITROGEN EFFLUENT	PHOSPHOROUS
DATE	MG/L	MG/L	%	MG/L	MG/L	MG/L	%	MF/100 ML	MG/L	MG/L	MG/L
1	The same		10.00	PRODUCTION OF				M. San			
2	124	14	89	2.0	100	9	91	8			
3	185	19	90	3.6	138	15	89	28			
4	210	22	90	4.6	150	14	91	0	CASE - AG		
5	215	18	92	4.3	127	10	92	0			50.5.46.3
6	200	14	93	4.1	113	10	91	0	Section 800		1 1 N 2 N
7						37.				1.7	
8	200,000								22.00 00 00 00 000		
9	160	12	93	3.5	116	11	9/	6	190.00		
10	232	19	92	4.7	134	14	90	6			
11	HOLIDA	H		: 3							
12	LAB	ERRUR		5.8	114	8	93	2		14.9	
13	276	15	95	5.4	137	6	96	Z	2.9		18. T. S. W.L.
14					4			N.			
15			100								
16	184	12	94	4.2	98	13	87	0	7		
17	172	10	94	4.3	130	14	29	2			3.9
18	208	11	95-	4.6	11.8	10	92	2	era era		
19	188	11	94	6.4	140	11	92	10			
20	180	12	93	5.6	155	9	95-	2			
21						100	13				
22											
23	120	11	91	5.2	116	7	94	0			
24	168	12	93	6.7	130	8	94	10			
25	172		93	6.2	130	15	88	6	2.3		
26	+OLIDAY		-		150	13	100	6	4.5		
27	232	9	96	3.7	127	9	93	0			
28			10		121		13				
29											
30	148	10	93	4.5	110	11	90	6			
31			1.1				10				Carlo Carlo Carlo
TOTAL	3374	243	信息	89.4	2383	204	E I I I		5,2	14.4	3.9
ERAGE	187	14	92.8	4.7	125	11.0	41.5	2.96		14.9	
AXIMUM	276	22	14.0	6.4	155	15	71.3		2.6		3 9
MIMIM	120	9			98			28		14.9	3.9
OMP (C)	120			2.0	18	6	Ve.	0	2.3	14.9	3.9
RAB(G)	С	С	in the	С	С	С		G	G	С	С
DNTHLY LIMIT	South State	22		19	以为数数 计	30	10.75	14	30	1 1 1 1	a sala

STRUCTIONS:

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



ENVIRONMENTAL CHEMISTRY & MICROBIOLOGY LABORATORY REPORT MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY ACBCL 11345/8 (REV. 09/87)

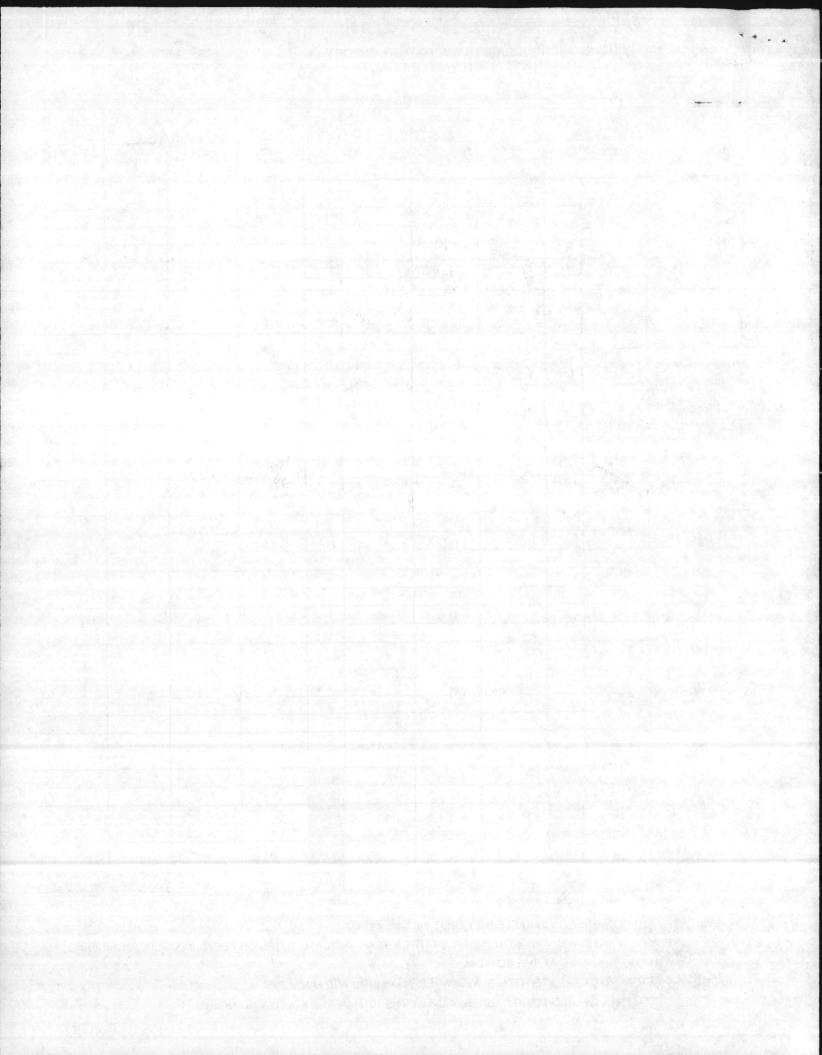
ANT				NPDESP	ERMIT NO.		MONTH		1487		
ONS	LOW B	RACH		NC	00630	53	WOVEMBER				
	5 D.	00310 5 DAY 20°C BOD			. 00530 31616 FECAL TOTAL SUSPENDED RESIDUE COLIFOR				00556 OIL & GREASE	00600 TOTAL NITROGEN	00665 TOTAL PHOSPHOROU
	INFLUENT EFFLU			EFFLUENT	INFLUENT	EFFLUENT		EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
DATE	MG/L	MG/L	%	MG/L	MG/L	MG/L	%	MF/100 ML	MG/L	MG/L	MG/L
1	-		drolle.	State of the state		A THEOLOGY		- Chapter			me Skropke in Al
2			100.00		-	and the second					1.00
3					-						
4	22	6	2.2	200	0.10	T- 500/90 5					
5	285	6	98	0:08	248	1	99	0			
7											
							+				371
8			a Salf				A CAMPAGE				
9			1								
10											
11	LAB			0.26			1000				
12	21.9	ERROR		0.26	106	2	98	0		5.0	
13									1.9		
14			10000								
15	19800						13.55				
16											
17	1000										
18	14.5	7	c			•	100				
19	142	1	9.5	0.15	118	1	99	0			
20											
21											
22							A SHEET		and the state of	and the second	
23									1.2		
24							1		18.6		
25	F (475.E)					A MINERAL					
26	HOLIONY					17.15	100				
27											
28							1.7				
29							7-4-14				Rose of
30											
31	1/07			0.11							
OTAL	427	13	01 2	0.49	472	4		C	3.1	.5.0	
ERAGE	214		46.5	0.25	157	1	987	0	1.6	5 0	
XIMUM	225	7		0.26	248	2		0	1.9	50	
MP (C)	142	6		0.08	106	1 88.5	· 持票。	0	1. Z	5.0	
AB (G)	С	С	1,	С	С	С		G	G	С	С
NTHLY	10 1. 11.	30		is a second of the		30		14	30		1. J

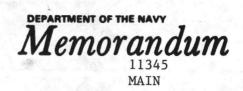
STRUCTIONS:

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.





DATE: 5 December 1987

FROM: Utilities Systems General Foreman

TO: Director, NREAD

Via: Director, Utilities Branch CHB

SUBJ: RESULTS OF WASTEWATER TREATMENT COMPLIANCE MONITORING

!. The attached data is forwarded for inclusion in appropriate NPDES required reports.

B. M. FRAZELLE, II

SV Silver and the second secon The second secon



UNITED STATES MARINE CORPS

NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIVISION MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542-5001

6286/1 NREAD 23 Nov 87

From:

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)

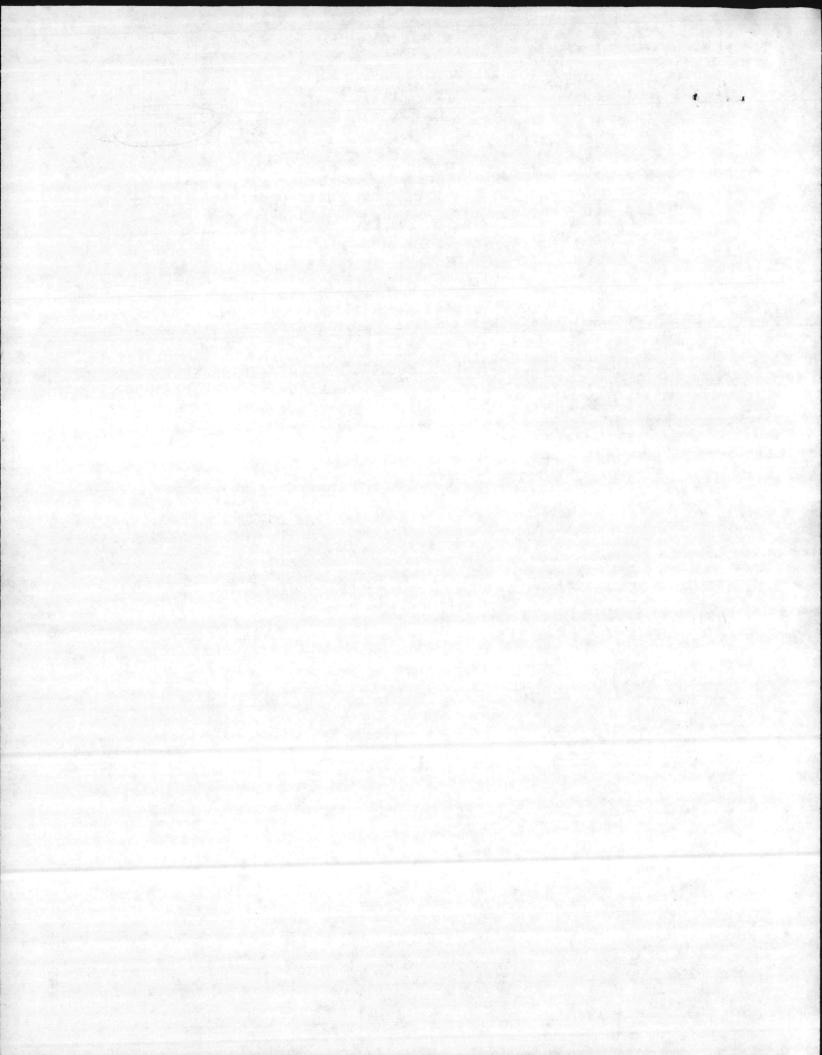
PERMIT RELATED REPORTING DATA

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

- 1. It is requested that the enclosures be routed to the Utilities Systems General Foreman. 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

Lab



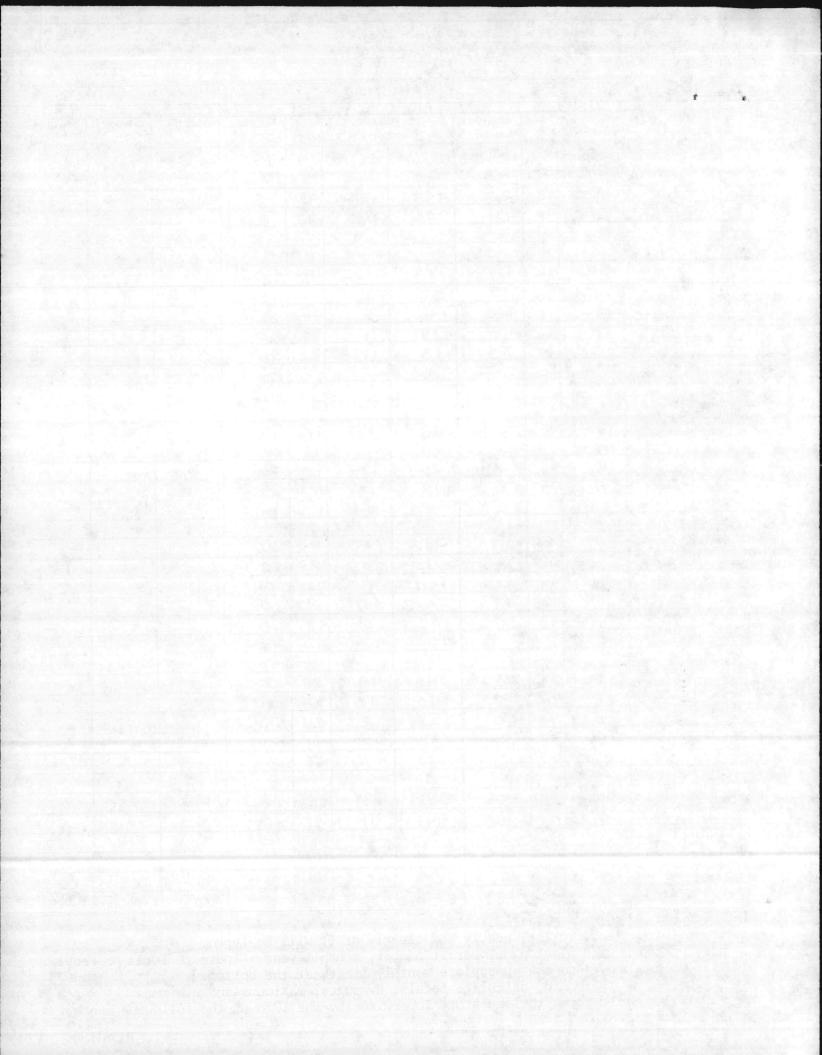
PLANT PLANT	SHOT	POINT	Т			TERMIT N		2.1	MONTH		EAR
	00	310		00410	TINC	00630	24	16-4	OC TO BE		1987
	5 DAY 2	to.c BOD		Annonia		ended R	SOUE	COLIFORM	00866 OIL + GEENSE	TOTAL	TOTAL
DATE	INFLUENT Mg/L	Mg/L	%	EM WENT		EFRUENT mg/L		EFFLIG NT	EFFWENT Mg/L	EFFWENT	PHOSPHOEOU ENTLUBENT
1	180	111	94	8.0	198	18	91		1	Mg/L	Mg/L
2	156	14	91	4,4	86	12		2	2.8	-	-
3				77.1	106	16	86	2	 		
4		1							 		
5	224	14	94	3.7	123	12	90	1 2			
6	132	20	85	4.4	130	8	94	2	-		13)
7	216	19	91	5.0	136	8		0	-		
8	188	17	91	1.4	128	11	94	8			-
9	216	21	90	7.3	143	11	_	30			
10			10	1.5	175	,	92	20			
11	1 1 1 1 1 1						1.				
12	1		1.2								
13	124	11	91	2.6	12/	12	0.0				
14	176	13	93	4.3	126	12	90	0		14.05	
15	164	14	92	5.1		9	94	0			
16	192	14	93	4, 5	126		93	0			•
17			75	7.10	178	13	93	2			
18	principal design										
19	252	11	96	2.7	262	15-	94				
20	208	12	94	2.5	135	10	93	16		•	5.1
21	196	11	94	3.6		9		0			
22	212	14	93	H.1	150	11	94	0.			
23	204	14	93	2.8	162	6					
24			1.	V.2	101	0	94	10			
25											
26	176	19	89	2.3	148	19	87				
27	264	15	94	3.3	140	13	91	0			
28	208	13	93	3.9				CL2	10.5		3.9
29-	202	14	93	4.8	128	8	94	550			
30	152	15			132	12	91	0			
31	152	200	/ -	5,2	80	//	86	0	41 - 4- V-1		William States
OTAL	4048	306	- 27	000	2000	220	COMMEN		12 -		
	193			85.5	2988				13.3	14.05	9.0
MERACE	264	15	92	4.1	142	11	92	3.15	6.7	14.05	4.5
HIMUM	124		1730	8.0	262			550	10.5	14.05	5.1
248 (C) 248 (C)	C			1,4	80			0	2.8	14.05	3.9
		C ZZ		C	C			G	G	C	C
NSTRUCT			W. W.	13	The street	30	制器	14	30		

1. 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.

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.



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

MCBCL 11345/8 (REV. 09/87)

PLAN*					NPDESP	ERMITNO.		p mail	MONTH		YEAR
CAL	IP GEI	GER			NC	00032	39		OCTOBE	R	1987
	5	00310 DAY 20°C BOD		- 00610 AMMONIA		00530 SUSPENDED RES		31616 FECAL COLIFORM	00556 OIL & GREASE	00600 TOTAL NITROGEN	00665 TOTAL PHOSPHOROL
DATE	INFLUENT MG/L	EFFLUENT MG/L	т %	EFFLUENT MG/L	INFLUENT MG/L	EFFLUENT		EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
1	308	10	47	21	225	MG/L	%	MF/100 ML	MG/L	MG/L	MG/L
2	323	127	92	15	The second secon	12	95	"0	2.3		
3	71.0	101	15	10	172	1	96	0	Research to the second		
4	verile le				77.7		+				Sec. (3)
5	324	27	92	16.6	2112	1	100				
6	410	25	94	14,5	400	7	98	18			
7	295	12	96	13. i	THE RESIDENCE OF THE PARTY OF T	-	98	0			
8	335	14	96	13.5	200	6	96	0			
9	425	22	95	15.9	The Control of the Co	10	95	0			
10	100		7.5	15.1	213	14	95	0		But the self-	
11		1.00	100		1999						
12			6 546								
13	370	8	98	10.2	296	8	27	0		1 - 1	
14	320	10	97	14.1	206	8	97	0		14.84	
15	254	13	95	11.8	183	8	96	0			
16	324	16	95	13.8	214	8	_				
17			10	1.3,0	711	0	96	0			
18					ALC: ON						
19	340	9	97	15.0	116	12	90	0			
20	324	25	92	16.1	185	15		Company of the Compan			1.4
21	308	25	92	17.2	132	COMPANY OF THE PARTY OF	92	0			
22	457	29	94	17.4	136	3	98		A Color of		
23	296	28	91	23.0	145	8	94	0			
24						0					
25						et e e un					
26	345	9	97	27.4	284	9	97	0			
27	630	26	96	The control of the control of the control	217	15	93	310	9,0		1.1
28	358	13	95	14.0	138	2	98	0	7,0		1.4
29	594	21	96	17.8	335	6	98	0			
30	300	18	94	18.0	207	7	97	0			
31			1			C 144	1		4.873.1		
TOTAL	7645	392		348.6	4445	179			11.3	111 011	2.8
VERAGE	364	19	94.8	16.6	212	9	96	1.74	5.7	14.84	
MUMIXAN	630	29	11/2	27.4	400	15		310	9.0	14.89	1.4
MUMININ	2.54	8		10,2	116	2	1	0	2.3	14.84	1.4
COMP (C) GRAB (G)	С	С	1			The state of the			317	14.84	1.4
ONTHLY	The second second second	C. V. L. V.	1000	С	С	С	1	G	G	С	С
LIMIT	the disease.	30			3400	30		200	30	5	

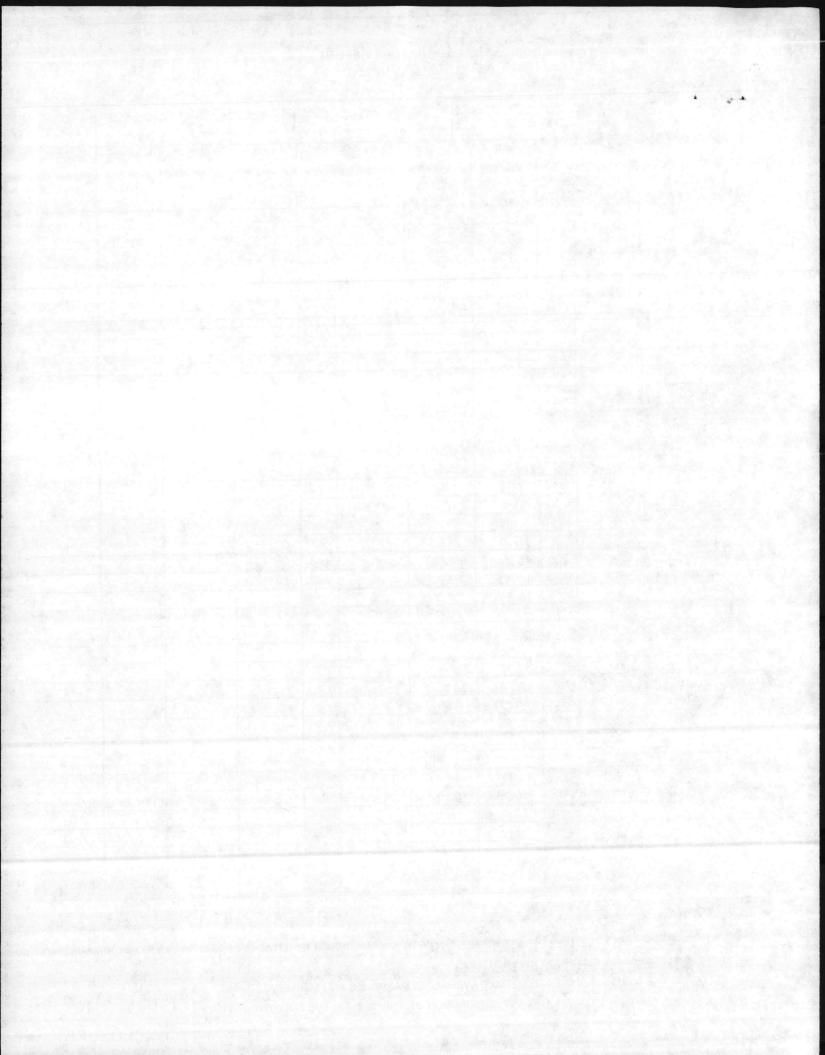
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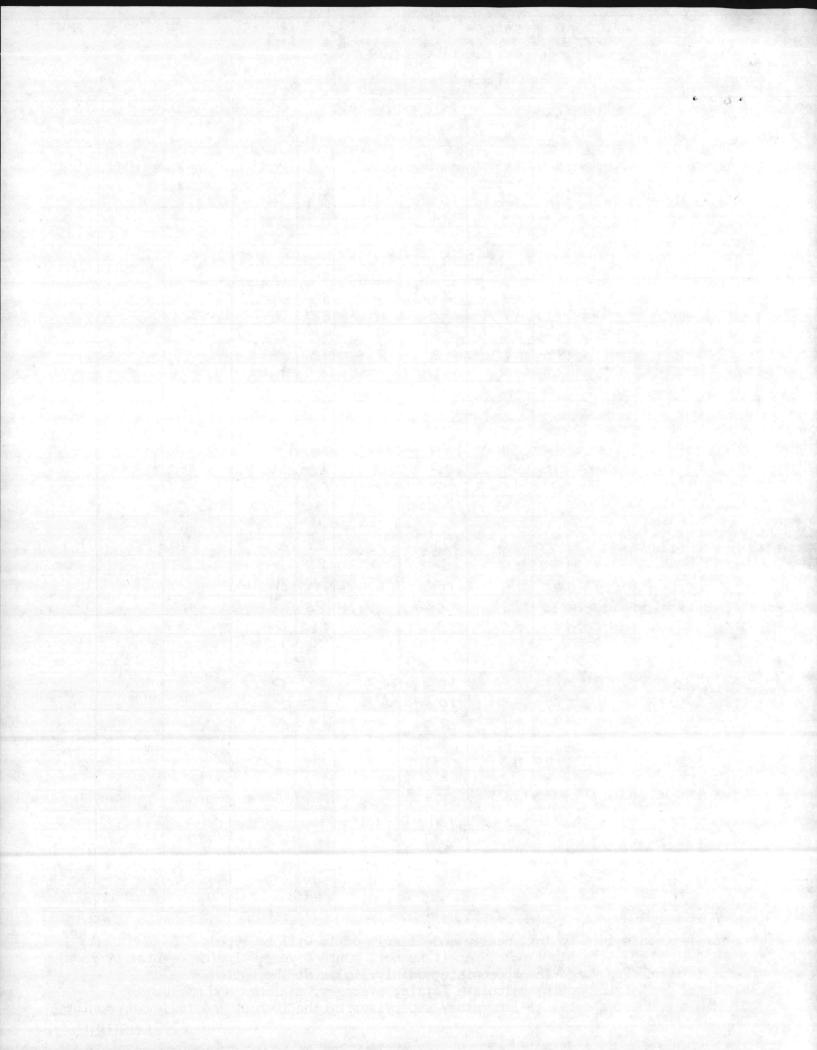
AT THE END OF THE MONTH, CALCULATE TOTALS, AVERAGES, MAXIMUMS AND MINIMUMS.

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



TAR	AWA -	TERRAC	P		NCO	TEEMIT NO 068082			MONTH OCTOBE	e 1	987
	00	310		Amnonia		ended Re	OUE.	COLIFORM	00866 OIL + GEENSE	OOGOO TOTAL NITEOGEN	TOTAL PHOOPHOROUS
DATE	INFLUENT Mg/L	Mg/L	%	EFFLUENT Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	EFPLUENT ME/100 ML	EFFURIT Mg/L	EFFWENT Mg/L	EMPLOBENT 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	our County	and a	
3	day i famili										
4							1				
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	10-10-		
8	192	12	94	4.9	106	9	92	0			
9	192	14	93	1.7	112	8 .	93	0			
10								A			
11	7113945		1. 10.	5000							
12			1						F 70 W		
13	156	13	72	2.3	78	3	90	0		13.79	
14	184	14	92	2.3	144	9	94	0	-X-10		
15	164	15	91	3.5	102	9	91	10			
16	168	13	92	2.3	68	9	87	10			1
17		Report From		2	The Later State			10			Res David
18									10.00		
19	180	12	93	2.9	108	16	85	0	100		5.1
20	180	13	93	1.4	66	7	89	0			
21	204	10	95	1.9	108	6	94	0	All Mills		
22	188	12	94	1.7	132	7	95	0.	100		
23	212	14	93	1.5	135	6	96	0			
24			1-1	1.5	/./.		100	1			
25		a Agranda									
26	160	15	91	1:2	106	12	89	0			
27	244	18	93	4.4 ,	102	.12	88	6	5.7		4.1
28	152	27	82	3.4	80	33	59	0	1		
29-	140	13	93	1.6	80	9	89	CK2			
30	180	13	93		135	8	94		894 L		
31	1,00	The second second	13	Α.υ	133	-	-	-			
TOTAL	3789	201	100%	49.5	2112	208			8.6	13.79	9.2
	180	286	92				90	2.02.	4.3		4.6
VERACE			112	2.4	101	10			5,7	13.79	1
MUMINIA	244	27		4.9	144		類別	20.		13.79	4.1
(S) 843	152	-		1.2	66	2			2.9	13.79	
Mounty LY	C	C		C	C	30			G 30	C	C

- 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.



CAMI	W ZOHN	JOON	AND THE			TERMIT NO 0 6301			MONTH OCTOBE		1987
	00	310		MMONIA	- 0	0530 ENDED RE		COLIFORM	00864	00600	TOTAL PHOSPHORAL
DATE	INFLUENT mg/L	EFFLUENT Mg/L	%	EFFLUENT Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	EFFLIENT MF/100 ML	EFFLUENT Mg/L	EFFWENT Mg/L	
1								Link St.	2.3	J	
2 _	162	14	41	4.8	106	11	90	0.0	10.		
3			10.3	1.2							
4						1.62.73					
5	198	13	93	4.0	112	7	94	0		- 4	
6	1	1 10			115		1		7.4.		
7		1	8								
8					-0.		Here		1.23		
9	204	23	89	4.1	121	9.	93	32	194. 194.		
10						ar Ar ar					
11											
12		, ,				THE REAL PROPERTY.					
13											
14											
15	town of the						•				
16	340	21	94	5.9	428	8	98	0		15.04	
17											
18		Far Sil									
19	245	13	95	3.3	251	14	94	0	The factor		4.7
20											
21											
22									100		100.00
23	236	19	92	7.2	180	9	45	0			
24								-			
25											A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
26	530	17	97	3.8	268	12	92	0			
27									2.3		
28			-	GP 38 35							
29-	1.55	2.2	07	0.7	(2-	_	6:	2 71			
30	172	23	87	9.7	'50	. 5	90	2 2-8			
31	2,51		79.00	110 -	100	70	*10*10				
OTAL	2087	143	02	42.8	1516		強緩		46	15.04	4.7
PERAGE	530	. 18	93	5.4	190	9	95	3.04	2.3	15,04	4.7
MUMIXA	-	13	* 1 .	9.7	428				2.3	15.04	4.7
MIMUM OMP (C) EAB (S)	162			3,3	50				2.3	15,04	4.7
(S) 642	C	С	1	C.	C	30		G	G	C	C

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

'ACBCL 11345/8 (REV. 09/87)

LANT			e de	24/10/20	NPDESP	ERMITNO.	7 2 1	Laprice Test	MONTH		YEAR
0	NELOW	BIZA	e H		INC	0063	05 3		Oc Ton	340	1987
		00310		00610	1	00530		31616	00556	00600	00665
	5	DAY 20°C BOD		AMMONIA	TOTALS	SUSPENDED RESI	IDUE	FECAL COLIFORM	OIL & GREASE	TOTAL NITROGEN	TOTAL PHOSPHOROUS
DATE	INFLUENT MG/L	EFFLUENT		EFFLUENT	INFLUENT	EFFLUENT		EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
1	136	MG/L	%	MG/L	MG/L	MG/L	%	MF/100 ML	MG/L	MG/L	MG/L
2	136	5	96	0,19	63	5	95	0			
3	1980								0.7		
4						100	all and				TE Sallyan Child
				The second second	The state of the						
6								1747			
7											
8	960	-	Q.I	0.10	777		102	-			
9	960	6	94	0.19	73	3	96	0			
10							1.00				
11										Section 2.	
12											
13											
14											4.4
15	132	6	96	0.13.3	40	2	0.7				
16	136	10	10	0,12.5	70	-	95	0			
17			· ·			Service Services			6.754.00		
18											
19											
20	The en	+									
21											
22	96	H	96	0.18	84	3	00	0	12 (200 page 1)		
23				0.118	0.1	3	90	U			
24							2.500				
25					4 - 11 - 1						
26		1 - 1 m									
27									2.0		
28									3.4		
29	92	6	93	0.28	46		0	0			
30				7	10		0	0			
31					Principo de la						
TOTAL	5 58	27	1 6	0.97	354	14			4.6		A BY THE STATE OF THE STATE OF
VERAGE	112	5		0.19	71	_3_	96	0			
MUMIXAN	138	6	1	0.28	96	5	76	0	2,3		
MUMINIM	42	4		0.13	40	1	1.0	Ö	0.7		
GOMP (C) GRAB (G)	С										
ONTHLY		C		С	С	С	· 11.	G	G	С	С
LIMIT	25 4 1 1	6.30	-	-		30	13	14	30	1 10	Allef alle

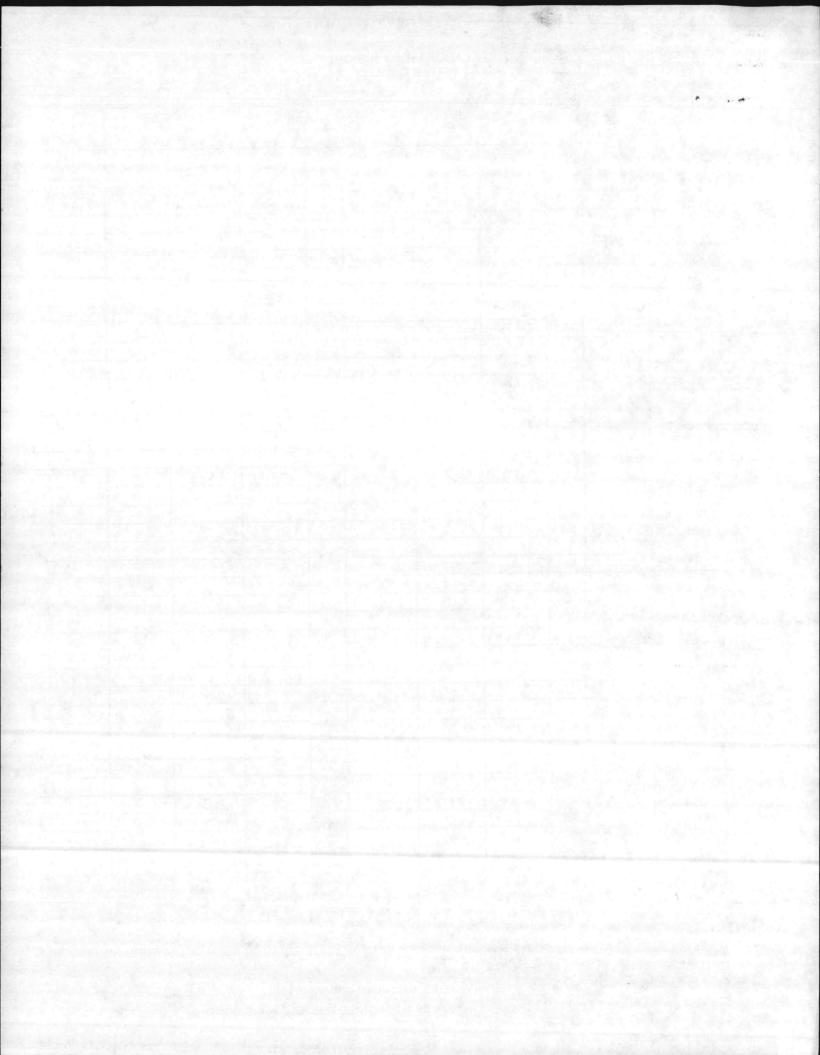
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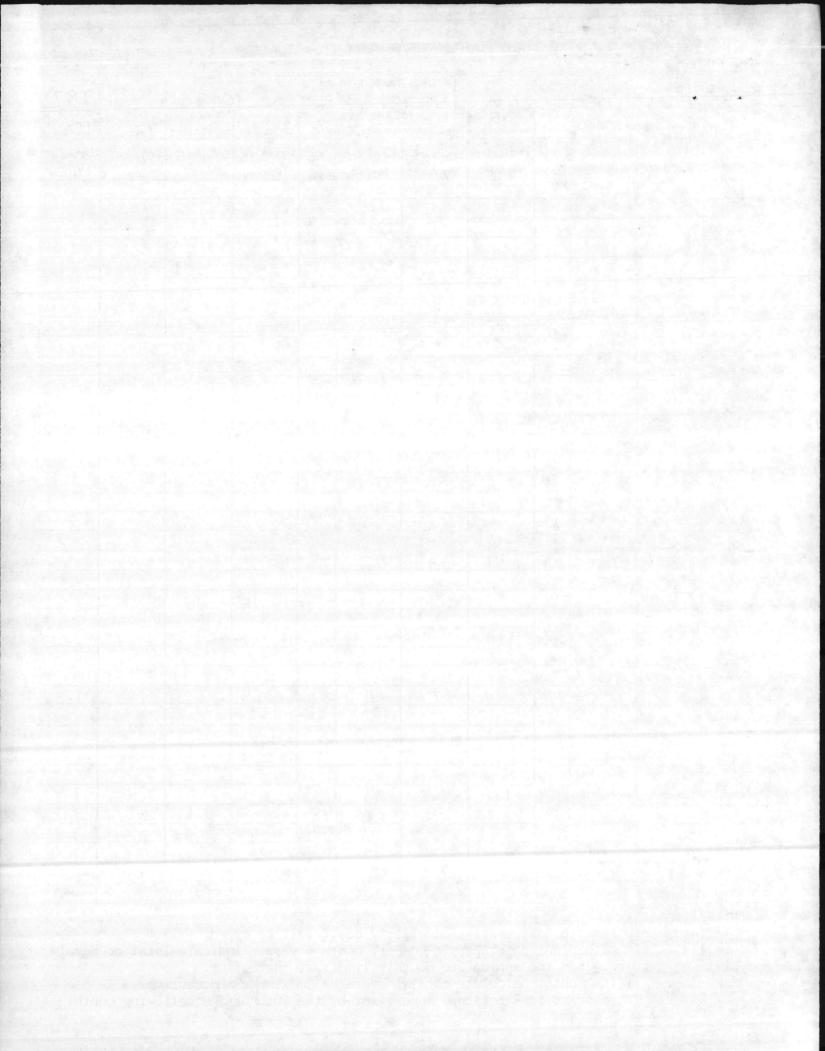
SUBMIT COMPLETED FORMS TO LABORATORY SUPERVISOR BY THE 10TH OF THE FOLLOWING MONTH.



COUR		E 13A	1		Neo	TERMIT NO			MONTH OCTOBE		1987 10045
	5 DAY 2	10 C BOD		MMONIA		ended Re	BUE	COLIFORM	OOK6 6	TOTAL	TOTAL PHOPHOPOL
DATE	INFLUENT Mg/L	Mg/L	%	MAL	INFWENT Mg/L	EFRUENT Mg/L	%	REFLUENT NE / 100 ML	EFFLUENT Mg/L	EFFWENT Mg/L	MG/L
1			Net .						0.9		
2								,			A ENTON TO THE
3								5,35,3			
4											
5								- Mar (8.2)		an great the co	
6	106	6	94	0.17	82	2	97	0			
7			100		are E.	Supplies of					
8										212	
9		EXT. SALE		TALIBURAL AND						3-40-	
10								Series.			
11		36.4									
12									A 2000		
13	108	3	97	0.15	93.	. 2	98	0		7.61	
14	1.7										<u> </u>
15							•				
16											
17		14 1877	1								
18											
19			· =.				==3				
20	58.	10	8.3	0.41	33	9	73	0			
21											
22							76.849				
23	·										
24								1	tree, it is		
25											
26											
27	198	11	94	0.44	97	11	87	0	2.6		1.8
28									17 300	1162	
29-			_							N. S.	
30											
31	- 1000		-								
OTAL	470	30		1.17	305		"话"	0	3.5	7.61	1.8
VERAGE	118	. 8	9.3	0.29	76	6	92.	0	1.8	7.61	1.8
MCMIXA	198	11	1.73	0.44	97	A STATE OF THE PARTY OF THE PAR	18	0.	2.6	7.61	1.8
MUMINU	58	3		0.15	33	2	RY III		0.9	7.61	1.8
(c) (449	C	C	- 3	C	C	C		G	G	C	C
The state of	A But	A STATE OF THE	1955		A STATE OF THE STA	30			30	- W. C.	1

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

MCBCL 11345/8 (REV. 09/87)

LANT					A Maria Laboratoria	ERMITNO.	in the same		MONTH		YEAR
RII	FLE R	ANGE			NC	0063	037	- 4	OC TOBE	κ'	1987
,	5	00310 DAY 20°C BOD	•	00610 AMMONIA	TOTALS	00530 USPENDED RES		31616 FECAL COLIFORM	00556 OIL & GREASE	00600 TOTAL NITROGEN	00665 TOTAL PHOSPHOROU
DATE	INFLUENT MG/L	EFFLUENT MG/L	%	EFFLUENT MG/L	INFLUENT MG/L	EFFLUENT MG/L	%	EFFLUENT	EFFLUENT	EFFLUENT	EFFLUENT
			7	more.	MG/L	MG/L	76	MF/100 ML	0.9	MG/L	MG/L
2	Mar. III								0.1		
3					100						
4											
5											
6										1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
7	48	5	90	0.21	77	2	97	0			
8	The same								AND THE RESERVE OF TH		
9									officer seed at a last		
10											
11									Harry Company		
12			4 35								
13											
14	144	4	91	0.07	74	4	95	0	电影道		
15					20.00	A					
16											
17			<u> </u>					April 43	是具有能力 。		
18											
19											
20	()	-	0-								
21	60	5	92	0.12	30		97	0			
22							145				2 22
24						100					
25											
26											
27											
28	82	5	94	0.12	26	2	92	0	3,1		
29				344.44	26		1/2	0		70	
30											
31											
TOTAL	234	19	78	0.52	201	9			4.0		
VERAGE	5-9	5	42	6.13	52	2		0	2.0		
AXIMUM	82	5		0.21	77	4	1000	0	3,1		
IINIMUM	44	4		0.07	26		Wes.	0	0,9		
OMP (C) RAB (G)	С	-									
ONTHLY	4000	С		С	С	. С		G	G	С	С
LIMIT	1数第二十二	30		-	1,14.1	30		14	30	77.4	1000

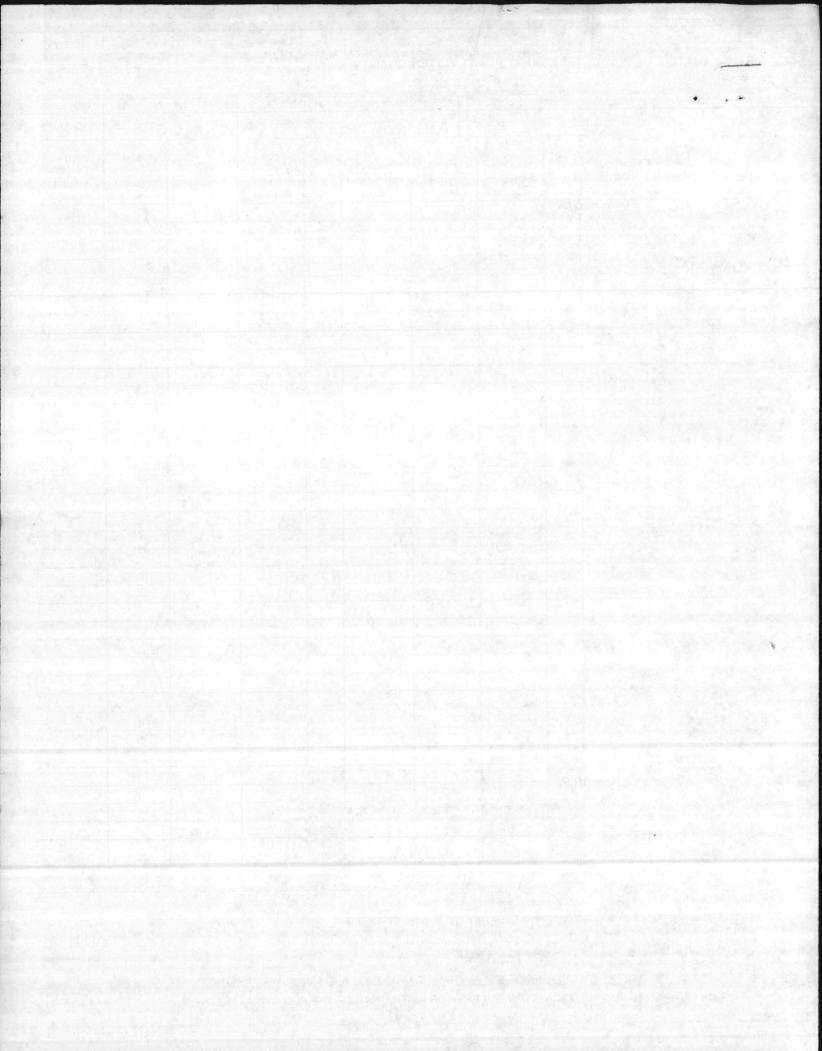
ISTRUCTIONS:

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.





UNITED STATES MARINE CORPS

NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIVISION MARINE CORPS BASE

CAMP LEJEUNE. NORTH CAROLINA 28542-5001

IN REPLY REFER TO: 6286/1 NREAD 26 Oct 87

From:

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:

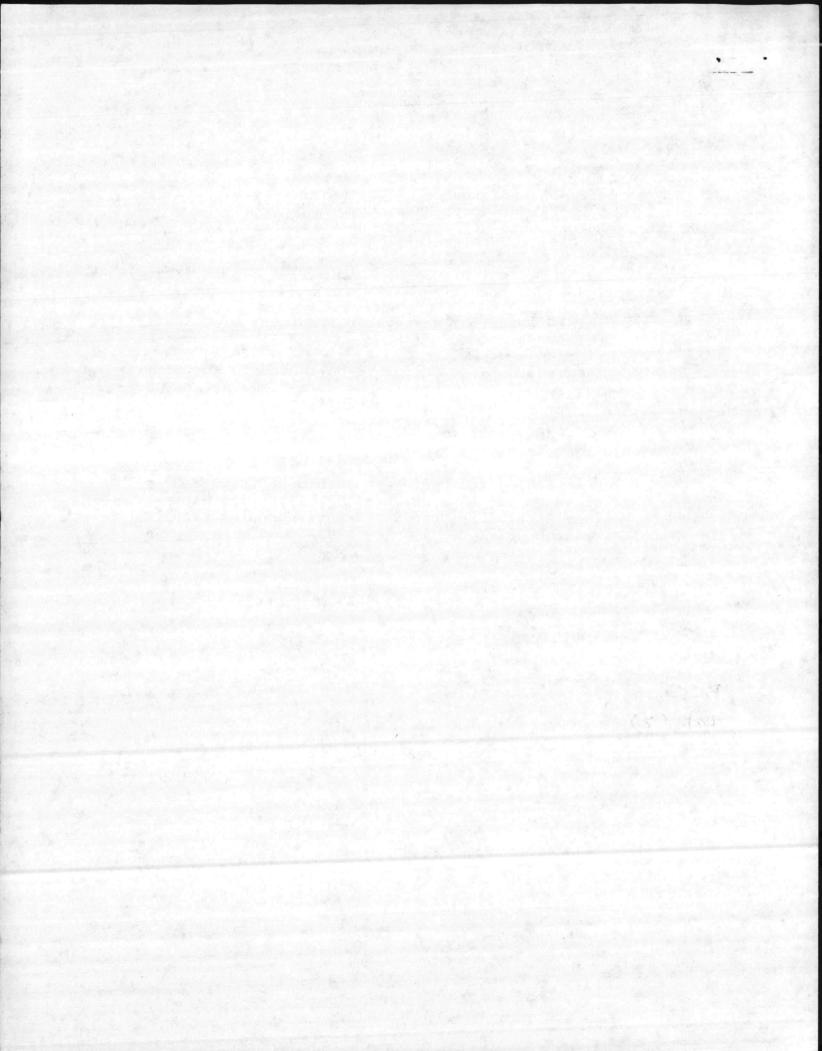
(1) Monthly Report of Wastewater Treatment Plant Water Quality

1. It is requested that the enclosure be routed to the Utilities Systems General Foreman. The enclosure summarizes 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 September 1987.

Questions regarding the enclosure should be forwarded to the Supervisory Chemist, Environemntal Chemistry and Microbiology Section, Natural Resources and Environmental Affairs Division, extension 5977.

J. I. WOOTEN

BCC: Lab (2)



ENVIRONMENTAL CHEMISTRY + MICROBIOLOGY LABORATORY REPORT MONTHLY REPORT OF WASTETREATMENT PLANT WATER QUALITY MCBCL 11345/6 (REV. 9-86)

RIFL	E RANG	62				TERMIT NO			MONTH SEPTEM	BER	1987
	002	00 BOD		Annonia		1580 ENDED RE		COLIFORM	0086 6 OIL - GEENSE	COLOO TOTAL NITEOGEN	TOTAL PHOSPHOROL
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EPPLUENT Mg/L	INFLUENT Mg/L	EFRUENT Mg/L	%	EFFLUE NT	EFFURNT Mg/L	EFFWENT Mg/L	EMPLUENT Mg/L
1				L Lords		A SERVICE			1.000 (1.000)		•15g 968 5478
2	LAB EX	ROR		0.6	172	4	98	0	1 1 1 1 1 1 1		
3		May and									No. of Street
4					37 3				1	Si 186	
5											
6		10.00									
7	HOLIDA	-	-		_	-	-	-			
8									0.1		
9	26	4	85	a Progression	256	7	97	0	76		0.8
10	or of the second		in a single	0.02	e proposed as a first of	4 4 5 4					
- 11	200										
12											1
13		× 778									N. Carlotte
14											
15											
16	40	4	90		96	2	98	0			1
17				0.12	- Comp	7					
18	The second										
19											
20							1000				1000
21									100000000000000000000000000000000000000		
22									Contract Contract		
23	58	3	95	0.07	48	3	94	0		113.44	
24					138.00						
25				L S.S.	The second of						
26										80000000000000000000000000000000000000	
27											100
28									1.0		
29	14										-
30	44	5	89	0:10	30	4	80	2			and the second
31											100
TOTAL	168	16		37	602	22			1.1		0.8
WEENGE	42	4	90		120	4	97	1,14	0.6	Section 1	0.8
Maximum	58	5		0.12	256	7		2	1.0		0. 8
MUMINIM	26	3	1	0.06	48	2		0	6./	1287 1582	0. 8
(c) (AS	C	C		C	C	C	100	G	G	2	C
Mounta		30				30		14	30		- · · · · · · · · · · · · · · · · · · ·

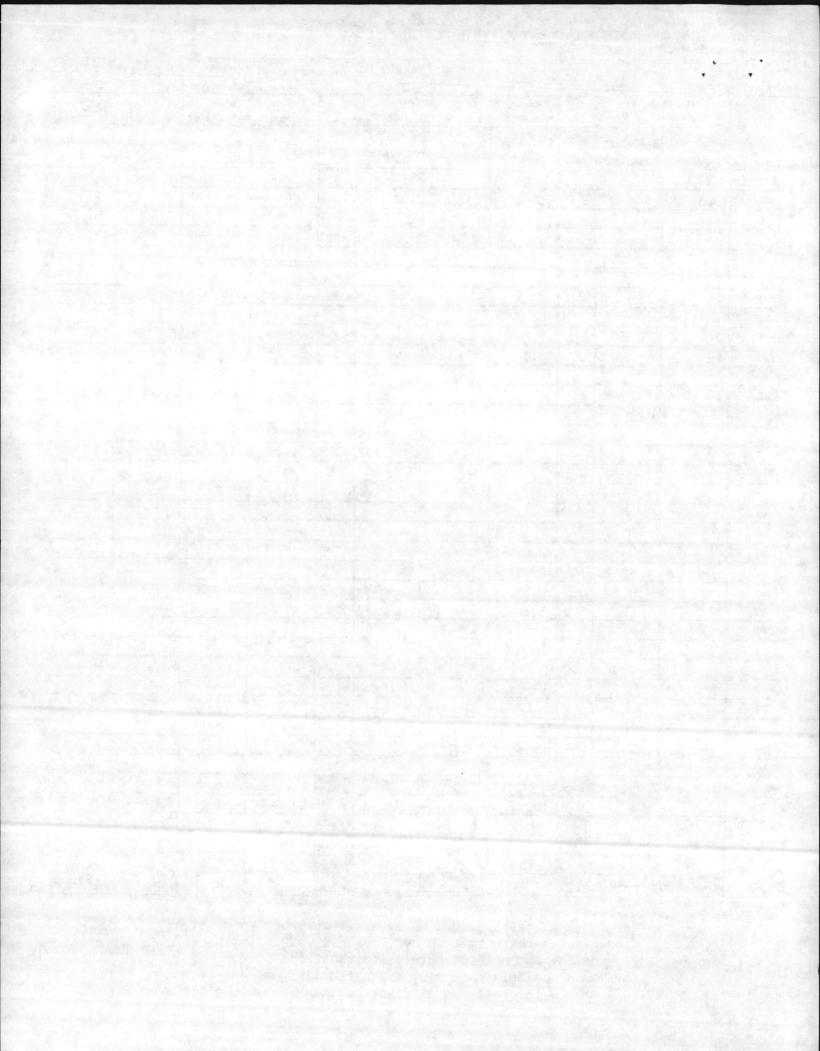
INSTRUCTIONS:

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.

3. At the end of the month, calculate totals, averages, maximums and minimums.

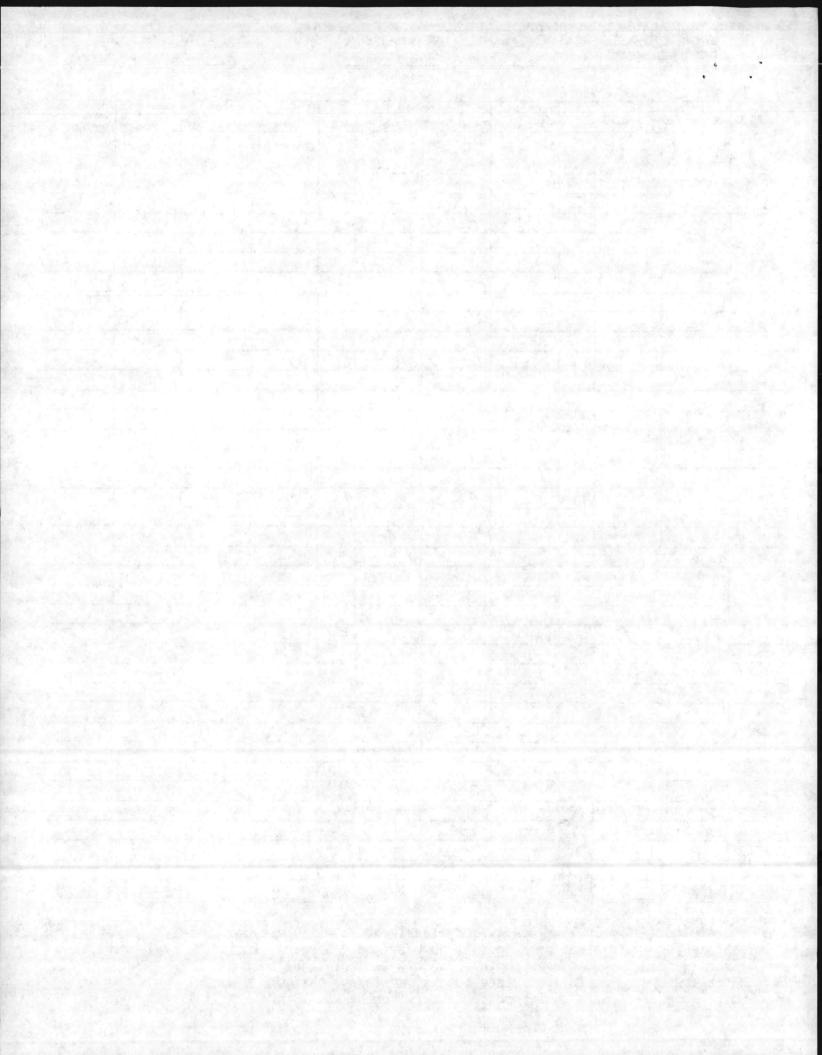
4. Submit completed forms to laboratory supervisor by the 10th of the following month.



ENVIRONMENTAL CHEMISTRY + MICROBIOLOGY LABORATORY REPORT MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY MCBCL 11345/6 (REV. 9-86)

ON	JSLOW	BEAC	.+1.		N.C.	PERMIT NO 206305			MONTH SEPTEMB	ER	1987
	00	310 0°C 50D	,	Ammonia		ended Re	BUG	COLIDEM	OIL + GEENE	COLOO TOTAL NITEOGEN	TOTAL PHOSPHOED
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EFFWENT Mg/L	INPUENT Mg/L	EFRUENT Mg/L	%	EFFLUE NT	EFFWENT Mg/L	EFFWENT Mg/L	
1			100								
2	in the first	100	1 000	A Comment	l W						
3	200	4	98	0.15	84	2	98	0	entral policy of the first	3 - 50	
4						1. 1. 1.				The state of the s	3.25
5				10000							
6					The state of the		1				
7	HOLIBA'		1,000								man.
8	7.								1:4		1
9						15.1	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		26.75	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	in the second
10	218	6	97	0.20	103	4	96	0			
11											Taking
12										Secretary Property	
13				Para Jak						A to	
14	15 (1)							10			
15		一种主要			10000000000000000000000000000000000000		0.16				
16			149						1000		
17	74	4	96	0.21	88	4	95	0			Name of Street
18							F 100		Property in		
19								Part of the			
20											1200
21		100	100			100000					
22						9 1 13 6		1		2.1.1.1512	
23	100	Part 1		15 Action		100 G	- 18	A salest Ac			
24	192	7	96	0.13	72	4	9#	0			the self
25		1, 1									100
26		Part of the								1 - 5625- 1	
27											100
28									1.3		
29										THE STATE OF THE S	
30					764						
31	2/19/10/20			A PARTY TONG			4.0				
TOTAL	704	21	1.5	0.69	347	14	0:				The state of the s
VERACE	176	5	97	0.17	87	3	94	0		- 4	
MOMINA	218	7		0.21	103	4		0			4,000,000
MUMINI	94	4		0.13	72	2		0			
(c)	C	C		C	C	C		G	. G	C	_ C
Morning	9 () () ()	30			1 = 1 ;	30		14	30		

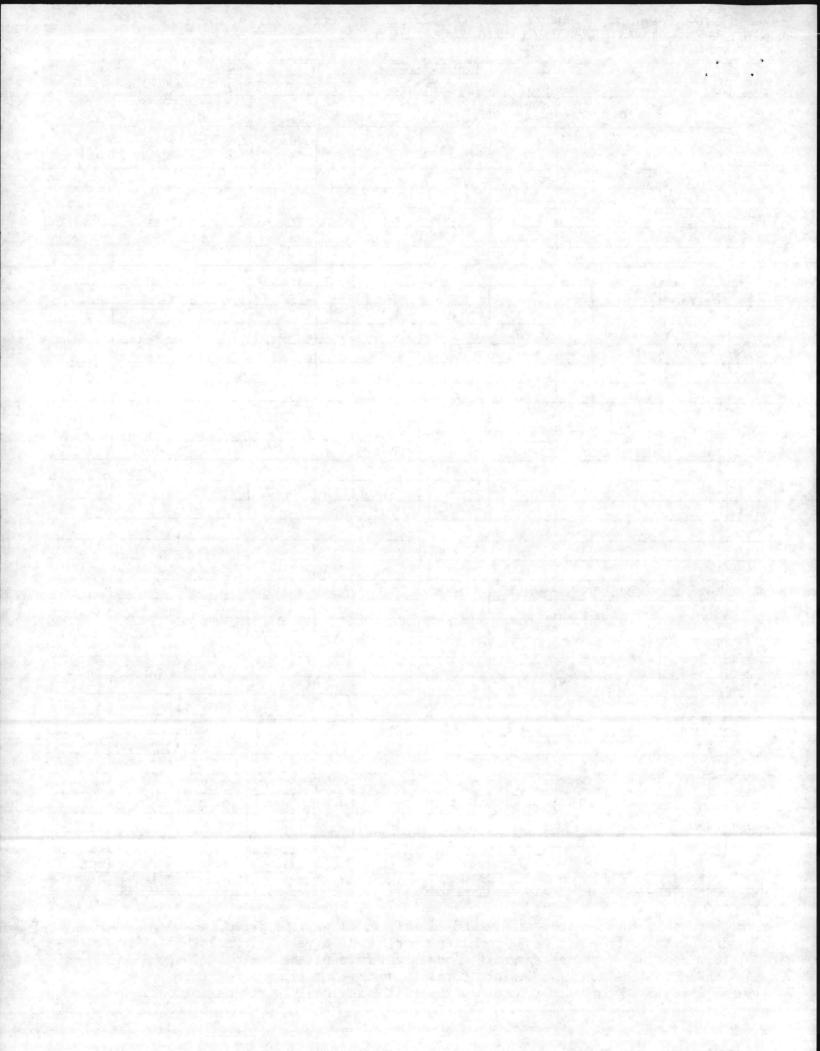
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ENVIRONMENTAL CHEMISTRY + MICROBIOLOGY LABORATORY REPORT MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY MCBCL 11845/6 (REV. 9-86)

COURT	House	13×4			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TERMIT NO 63045	•		MONTH SEPTEMA		987
<u>Coon</u>	001			00410		0530			00864	00400 TOTAL	TOTAL
DATE	F. 1800	EFFLUENT mg/L	%	Ammonia EFFLUENT Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	EFFLIENT NE/100 ML	OIL + GREWE EFFLUENT Mg/L	NITEOGEN EFFWENT Mg/L	FATLUENT MG/L
1	LOB ER	BEN W. A	1	1.1	40	6	85	0			
2										i i	77
3										M A STATE OF	
4											
5					Late 1 in						
6											P was 15
7	HOLIDA		_	- 100 M T 100 M	_	-	-	-		4	- 人成 出
8	80	4	95		76	5 .	93	0	0.0		
9				0.06			Section 1			- 90	1000 Aug 188
10			990	1.35 1.50	the family of	man a v					
11									No.		
12											W 10
13											
14								18 - 18 N			
15	240	4	98	0,09	124	2	98	0			
16					R market						
17							14.4				
18											
19											
20									113000		
21			M. A.				15 %		4		
22	46	3	93	0.10	44	3	93	0			1.4
23											
24										in the second	
25						10000000000000000000000000000000000000					
26			10.3				No. 15	To Rose			
27								N. Walter			
28									0.5		
29	108	6	94	0.22	40	6	85	0			
30		2158		ART STATE OF THE	100000		-50		国际发生和		
31								in a greater that	Mark Makes	THE RESERVE	The same of the same of
TOTAL	474	17		1.57	324	22			0-5		1.4
VERAGE	118	4	97	0.31	45	4	94	0	0.3	Participant of the	1.4
Maximum	240	6		1.1	124	6		0	0.5		1.4
MUMININ	146	3		0.6	40	2	1	. 0	0.0		1.4
(c)	C	C		C	C	C		G	G	C	C
Mounty	4-11-11	30				30		14	30		

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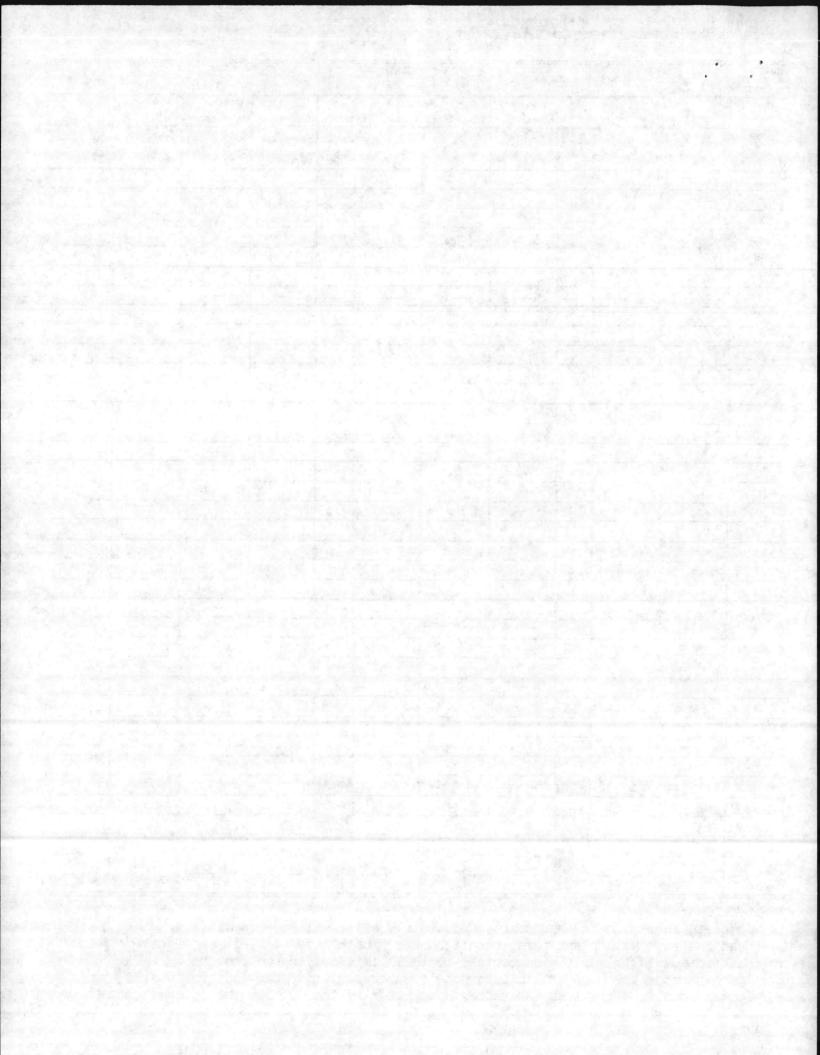
ENVIRONMENTAL CHEMISTRY + MICROBIOLOGY LABORATORY REPORT MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY 28CL 11345/6 (REV. 9-66)

DATE	5 DAY 2	00 50D				006301	and the second second		SEPTEMO		1987
38504		plant		Annonia		ended Re	BUE	COLIFORM	01L . CEEPE	ODGOO TOTAL NITEOGEN	TOTAL PHOSPHORO
	Mg/L	EFFLUENT Mg/L	%	EFFLUENT Mg/L	INFWENT Mg/L	EFRUENT mg/L	%	REFLUENT NE /100 ML	EFFURNT Mg/L	EFFWENT Mg/L	MG/L
		3,-	-		3,.			1100 100	All the state of the state of		-
2		mark Vision				-			A SECTION		
3		A company		1.78					Asset Section 1		
	332	14	96	.3.2	430	8	98	0			
5				THE STATE OF							
6			1								
7	HOLIDA	4 —	-		-	-	_	-			The state of
8			1				Say 5			1, 1, 1, 1	
9			N grins a						1 人名西米兰	Programme .	1.00.00
10				1,000	alitica de la productiona de la constanta						1,100
11	225	4	98	3.1	260	6	98	0	1.6	9.8	
12									10 美麗華生		100
13											
14	296	7	98	2.4	353	2	99	0	and the second		
15									1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		101
16			100								Signific A
(7						1			10000000000000000000000000000000000000		
18	300	4	99	2.6	212	6	97	0			
19											
20						Division in the					
21	403	8	98	2.2	153	5	97	0			1000
22		1.45						1			
23							-				
24			0-	4 10 10 10 10 10 10 10 10 10 10 10 10 10	0.50		-	•			
25	255	12	95	3.1	280	4	99	0	1		
26			-					1			TO THE STATE OF
27				20,000			-	- 4 5			
28	182	13	93	2.8	89	3	97	0	3,1		2.1
29				2 9 3 6	ALT E						
30	THE STATE			2000							1
31	1455									9 2	
TOTAL	1993	162		25.4	1787	34	0.0		4.7	9.8	N STATE
WERAGE	285	9	97	3.6	255	5	98	0	2.4	8.8	
MOMINAM	403	14		8.8	430	8		0	3./	9,8	
MUMINUM	182	4		2.2	99	2		0	1.6	9.8	1-
Monthly	C			C	C	30		G 1800	G 30	C	C

INSTRUCTIONS:

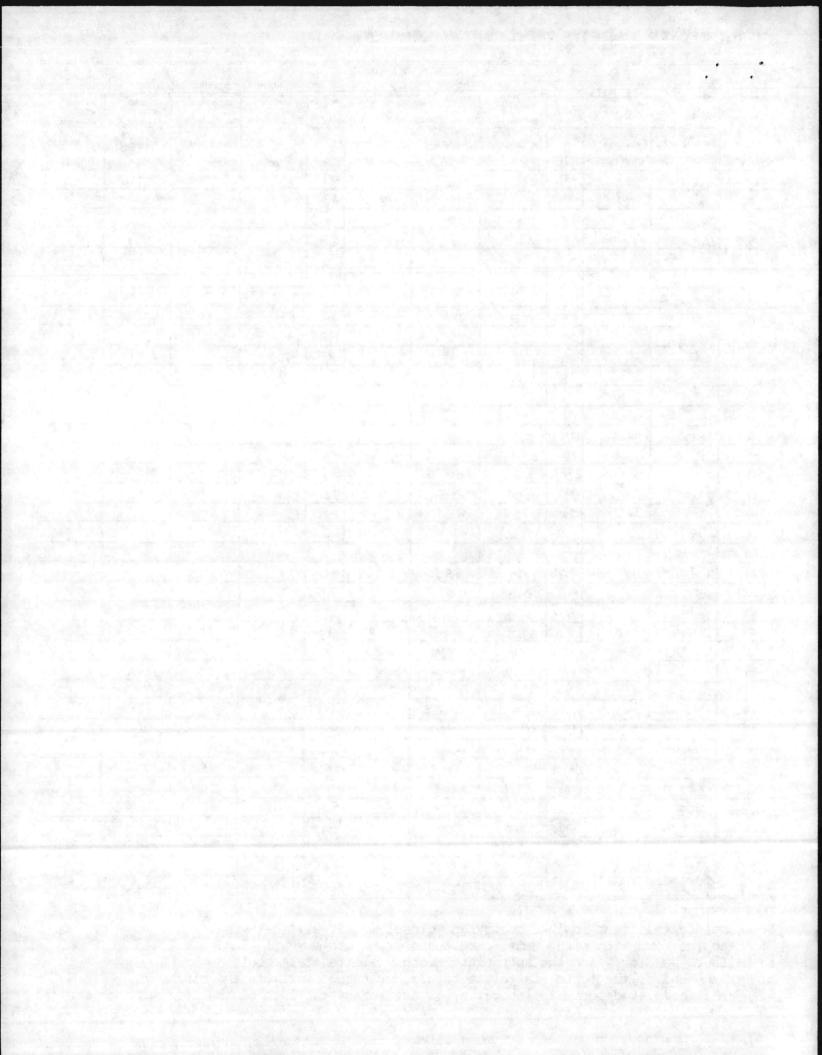
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THE	RAWA	TERIS	ACE			TERMIT NO 106300			month Septemb	er 1	987
	001			Annonia		uded Re		COLIFORM	0066 4 OIL • GCENGE	COLOG TOTAL NITEOGEN	TOTAL PHOSPHORAL
DATE	Influent Mg/L	EFFLUENT mg/L	%	EFFLUENT Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	EFFLIENT MF/100 ML	EPPLIENT Mg/L	EFFWENT Mg/L	FORLURAT Mg/L
1	LAB	EKROK		1.2	142	7	95	0		No.	
2	LAB	ERROK		2.6	136	15	90	1405		2.00	T.
3	204	11	95	1.1	10.6	10	91	600			
. 4	160	12	93	1,2	96	11.	89	101	4		1.0
5								7	3		Activity of the
6				The second							No.
7	HOLIVAY		·	35-90							
8	136	9	93	1.2	94	6 .	94	14			
9	144	8	94	1,1	78	9.	88	20			4.4
10	164	4	99	1.4	84	11	87	50		14,74	Helph .
11	205	9	96	4.2	124	11	91	0	1,2	gite manya in	Control Control
12	200	MER A									2
13											
14	140	9	94	2.3	66	5	92	0			
15	152	8	95	2.3	80	5	94	0			
16	272	8	97	1,2	102	2	98	0		1-61-17-14	
17	208	10	95	1.0	235	10	96	0			
18	AND ADDRESS OF THE PARTY OF THE	4	98	2.2	86	12	86	0			
19	168	T	78	6.6	06	16	10				
20		NEW YORK					1 40	17000			
21	248	10	95	1.8	255	9	96	0			
22		12	94	3.8	140	10	93	0.			6.3
23	156	10	94	Barrier Commission Commission	113	10	91	6			613
24	180	7	96	1.4	2-68	7.0	87	30			
25	172	11	94	0.3	96	7	93		Charles and the		
26	112	- (1	1.7	1.7	78		13	-			
27								4 - No. 10 (No. 11)			2 15 Tax
28	172	111	92	10 mm	/22	7	84	0	21		F.
		14	-		123		-		2.6		
29-	168	12	93	-	78	8	90	0			
30	164	13	92	1.5.	88	9	90	0			
31		101		201		101	क्ट नहिं _स े			44.5.4	100
TOTAL	3377	/81	1	39.1	2590	181	00		3.8	14.74	10.7
WERAGE	178	9	95	1.9	123	9	93	2.42	1.9	14.74	5.4
MOMINAN	272	14	-	4.3	268		100		2.6	14.74	
MUMINUM	136	4		0.8	66	2			1.2	14.74	_
رد) وجه	C	C	8.	C	C	C	Sale Sin		G	C	C
Monthan		30			ALL WAR	30	製制機	1000	30		A CONT

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LANT '	, ,				NPDES	PERMIT NO				1987	
CA	001	FIGER		00410		530		00854	TOTAL	TOTAL	
NATE	THPWENT mg/L	EFFLUENT Mg/L	9,	AMMONIA EMPLUENT Mg/L	TOTAL SUBPI THPWENT Mg/L	EFRUENT Mg/L	%	EFFLIENT NE/100 ML	OIL + GREWE EFFURINT Mg/L	EFFWENT Mg/L	ENTLUBAT Mg/L
DATE	LAB	ERROK		9.8	292	7	98	8201			All water
2	LAB	ERROK		9.4	220	10	95	36	61		le .
3	315	10	97	15:6	172	10	94	4 6	56.11		
4	176	7	96	13.5	166	6	96	84		1.1	
5	200.70	The same of the									
6	75.4			15							
7	HOLIDAY								1	1 第 4 本	
8	216	5	98	3.6	128	4	97	12	1.0		
9	200	5	98	5.8	145	7	95	0	1	4 4 5	1.1
10	316		99	8.3	273	6	98	0		10.9	
11	280	9	97	9.2	459	8	99	0		1000	
12	220										<u> </u>
13			The give								
14	228	4	98	9.1	137	3	98	0			
15	174	2	199	6.5	148	2	99	.0	Y A		
16	284	4	99	9.4	218	1	99	0			
۱۲	204	6	97	11.6	150	9	94	0			
18	288	8	97	11.8	170	6	96	0		1	
19	1.00				1.4	144					
20							TO SEE				
21	212	6	97	7.8	158	2	99	0			
22	280	6	98	(1.0	235	12	95	2	the art of		1.1
23	296	8	97	11.0	178	12	93	0	Part of		
24	188	11	94	10.2	1/3	9	92				
25	284	17	94	10.5	175	13	93	0		1 3131 7	
26										A Page 19 and a second star	
27					1 2 3				Service Control	A CONTRACTOR OF THE CONTRACTOR	
28	296	10	96	4.3	93	2	98		5.7		+
29	244	13	95	10.0	75	13	83	0		10 m	
30	309	10	97	12.5	209	7	97	0			
31											
TOTAL	4790	142		200.9	3913	149	6		6.7	10.9	2. 2
YERAGE	752	7	97	9.6	186	7	196	2,51	3.4	10.9	1.1
MAXIMUM	309	17		153	459	13		820	5.7	10.9	
ninimum				3.6	75		:	0	1.0	10.9	1.1
(c)	С	C		C	C	C		G	. G	C	C
Mourney	1 1 1	30	2 7			30		200	30		

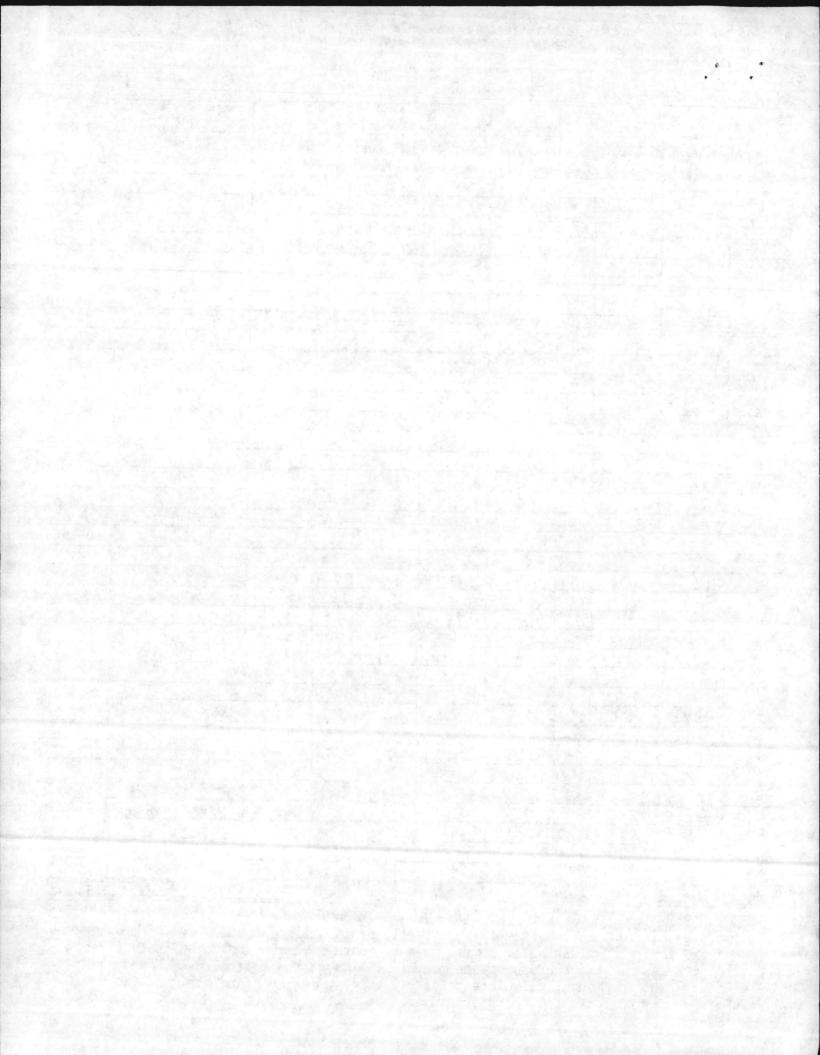
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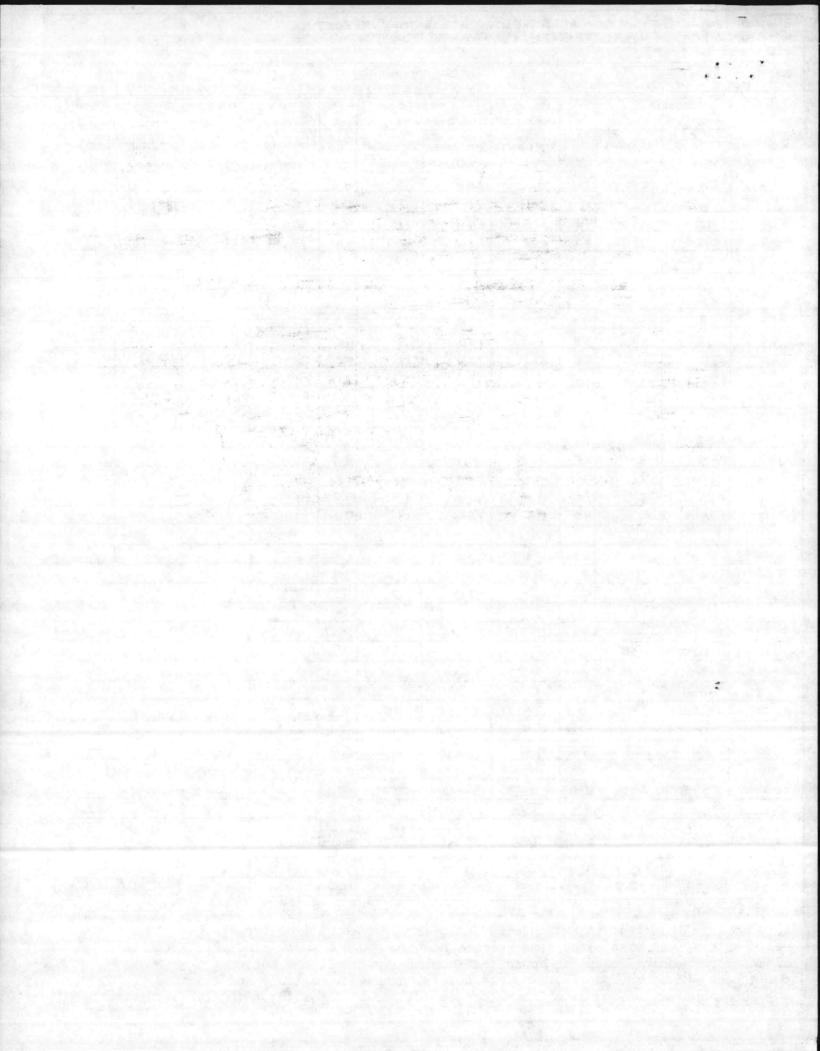
Submit completed forms to laboratory supervisor by the 10th of the following month.



ENVIRONMENTAL CHEMISTRY + MICROBIOLOGY LABORATORY REPORT MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY MCBCL 11845/8 (REV. 9-86)

THA	TOLA	POINT		NPDES TERMIT NO. NC -0063029					SEPTEMBER		1987
	5 DAY 2	0.C 20D		Annonia		uded Re	BUE	COLIFORM	OIL + GEENE	TOTAL	TOTAL PHOSPHOROL
DATE	INFLUENT Mg/L	EFFLUENT mg/L	9,	effluent mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	EFFLIENT MF/100 ML	EFFWENT Mg/L	EFFWENT Mg/L	FORWARDT MG/L
L	LAB	EKKOK		3.2	108	8	93	0			
2	LAB	ERROL		3.3	116	7	94	0	1944	er e e gladig	
3	196	11	94	3.5	144	10	93	2			
4	156	11	93	2.8	124	8	94	0			THE VALUE
5											1
6											
7	HOLIDA								7.0		
8	112	9	92	0.9	160	12	93	0			
9	208	5	98	2.9	148	8	95	0			3,9
10	180	9	95	3.2	106	11	90	2	Telefold (1981)	19.4	
11	172	9	95	3.2	90	8	91	0	0.5		- Alexandra de
12		MARCON P									14.
13											
14	188	10	95	1,5	190	9	95	0			
15	164	9	95	1.8	450	179	99	O			1 1 1
16	136	7	95		191	6	97	0			
17	196	8	96	3.9	5.70	12	98	0		The state of	
18	196	5	97	2.7	1.44	11	92	06.11)			100 100 20
19	116	3	1	2.1	1.7		1	Oww		400	
20											
21	160	9	94	1.8	73	8	89	0			
22	148	15	90	3.6	110	10	91	4 .			100.
23	160	16	91	44	108	12	89	3	1.3		3.9
24	140	21	85	4.7	148	13	92				7
25	130	15	88		68	8	88				
26	4. IgOn	- 45.34		0.0	Market Street						
27											
28	156	11	93	2.3	135	10	93	0	2.9		
29	256	12	95		178	14.	92	4			100
30	164	10	94	5.5	385	2	89	0			447
31	1/47	/0	1F	5.5	200	2	01	0			
TOTAL	2219	202		67.5	3446	200	531		3.4	19.4	7.8
	3218	11	93	3.2	164		94	1,41	1.7	19.4	3.9
14KIMUM	256	21	13	5.5	450	14	7	10	2.9	19.4	3.9
MUMINI	112	5		0.9	68	6		0	0.5	100 to 10	3.9
(c) (44)	C	C	1	C .	C	C	32	G	. G	19.4	C
lamyly		22	2 4	13		30	7.5	14	30		

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6286/1 NREAD 21 Sep 87

From: Director, Natural Resources and Environmental Affairs

Division, Marine Corps Base, Camp Lejeune

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

(Attn: Utilities Director)

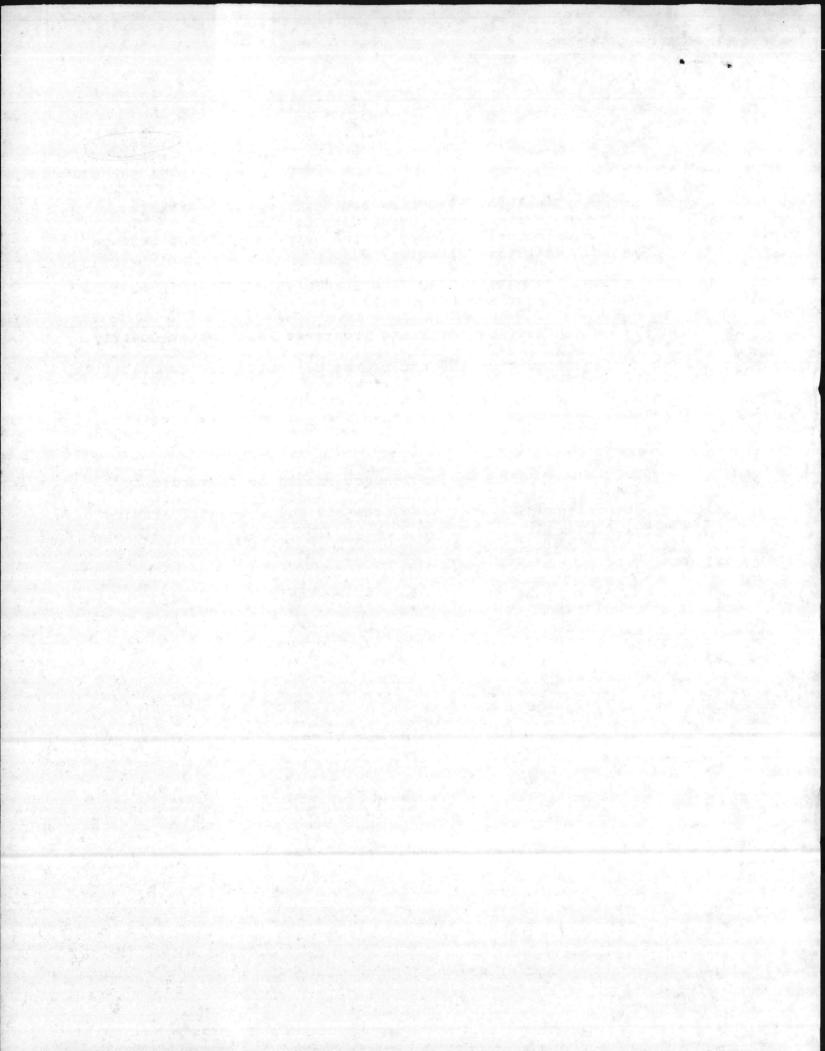
Subj: NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
PERMIT RELATED REPORTING DATA

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

- 1. It is requested that the enclosures be routed to the Utilities Systems General Foreman. 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 August 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)

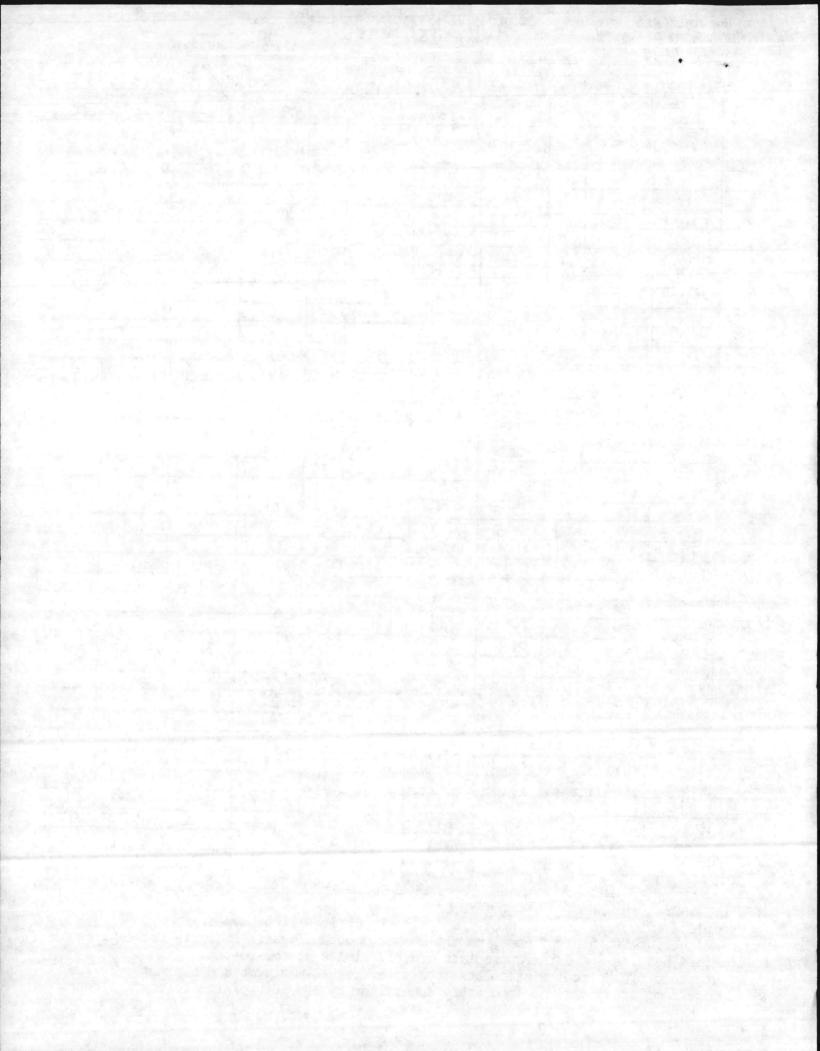


ENVIRONMENTAL CHEMISTRY + MICROBIOLOGY LABORATORY REPORT MONTHLY REPORT OF WASTETREATMENT PLANT WATER QUALITY MC3CL 11345/6 (REV. 9-86)

PLANT /	ADNO	VT	NPORS TRAMIT No.			The track of the	MONTH		1987		
	5 DAY 20	10		AMMONIA	TOTAL SUBPE	530	DUE	SIGIL PECAL COLIFORM	OU . CEEPE	COLOGEN TOTAL NITEOGEN	CONSTAL TOTAL PHOSPHOROUS
DATE		EFFLUENT Mg/L	%	EMPLUENT,		EFRUELM Mg/C	%	EFFUENT ME/100 ML	Mg/L	EFFWENT Mg/L	Mg/L
1 "		4	12		1	7		A To	• •		
2		Service Control	1.				4	A		5.5	
3	196	9	95	0.9	100	9	91	0			
4	168	8	95	3.7	205	16	93	2	15.67		1 102 00
5	208	9	96	4.6	110	14	87	0	2.2		7 - 3 Onat 0
6	236	10	196	4.1	158	15	91	16	1.		-
7	805	10	95	4.4	125	10	92	0		-	
8						A STATE OF THE STA					
9							Mr.				
10	176	12	93	3.2	118	15	87	2			
- 11	280.	13	95	3.6	202	10	95	10			1.1
!2	176	18	90	3.6	163	Maria	93	0	,	1270	4.1
13	216	23	89	40	118	12	95	2		Residence of	
14	172	12	193	512	103	9	91	2			-
15	CALLEGE			2		44		* 4			-
16		A STATE OF	Ea.	3			7			100	
17	196	111	194	2.5	104	65	194	2			
18	508	9	196	3.5	153	-12	92				0 0-4
19	160	G	94	2.5	146	110	193				
20	1148	14	191	4.3	160	18	193	Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner,			
2.1	172	110	194	4.6	170	「一人を強い	194		1.1300		
22				*1. ·		1.87.19		1			
23		10 35 1		42	t 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The state of			4 (1)		
24	132	9	93	118	100	一种	189	12	3.0		
25	136	10	9:	319	60	6	QD	.0			
26	136	12	91		78	1/5	86				
27	128	11	197	131	THE DOWN THE WAY WAY	1/2	82	0			
28	164	12	9:	3.2	192	I Berry	187	2 100	6.1		
29	1007		1	21	7 -	\$1.		1. 聚工	Y		*
30				4.	4	1977	* 1	25			
31	160	10	194	12.1	114	10 3	191	Ta			
TOTAL	3776	241		न इ प	2,99	223		1 1	5,2	12.70	141
	100	111		3,5	124	114	191	17.4	4 2.6	+270	4,1
AVERAGE		23		SOL	1205	15		16	3.0	12.70	411
MANAUMUM		8		10. G	100	6		0	2.2	12.70	4.1
COMP (C)	- Contract of the last of the			C	THE	AC S		G	G	C	C
GEAR (C)		-				30		Name and Address of the Owner, where the Owner, which is	30		: 45
Morry				70.0				20.5.2.2.2.5.5.		Cont. (1) (1) (4)	

INSTRUCTIONS:

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ENVIRONMENTAL CHEMISTRY + MICROBIOLOGY LABORATORY REPORT MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY MCBCL 11345/6 (REV. 9-86)

CAMP GELGER					NCOO323A				AUG		1987
	00	00 C 50D		Ammonia	00	NDED RE	BUE	COLIFORM	OIL + GEEME	TOTAL NITEDGEN	TOTAL PHOSPHORAL
	INFWENT Mg/L	EFFLUENT Mg/L	%	EN LUENT	Turment mg/L	EFRUENT Mg/L	%	EFFLIA NT	EPPLIENT Mg/L	EFWENT Mg/L	MG/L
1				1	# 1	1		3 3 3		4.	
2			70			10000000000000000000000000000000000000	*	van Augusta		10 miles	
3	172	14	96	15.1	80	7 7	91	0		2 12 102 11	
4	410	16	96	14.1	193	13	93	20	LA		
5	367	110	96		178	14	92	62			25
6	497	114	197	19.8	238	15_	94	0			
7	1334	I 12_	96	10.8	212	[6 [197	8			
8	-		r			- Open		A 17.			-
9		And a		fin .		AN AND					
10	205	7	97	8.1	153	6	96	10		4 2	1 1 1 4
П	247	10	96	16.6	1168	6	96	0	Self-fregue A	10.10	160
iZ	500	3	97	2.	124	3	98	30	1999	10.63	•50
13	284	19	97	7.3	132	4	97	0			No. 1
14	200	16	97	8.7.	154	14	91	2			-
15							1000				-
16					120, 121, 778	1	1	ل			
17	200	10	95	7.6	153	10	9.3	-0	1		+
18	268	16	98	7.8	106	5	95		4.5		
19	156	5	97		196	4	196	0			+
20	7-164	4	99	14.7	1116.	1	199				
21	POS	9	96	8.3	100	5	95	.2			
22				1	· -		1000				
23	18,4810			-	1. 1. 0. 6.		10-	1.0			
24	293	1	99	Name and Address of the Owner, where	235		87		1/		0,07
25	295	8	97		143	8	94		1.4	40 11	10101
26	210	(a.	197	93	115	15	91	2			
27	510	6	96	7.9	123	14	197	The designation of the last of			
28	272	14	95	19.31	133		95		T		154
29		7 - 118						34,0		-	
30		1 10 10		12.	128	6	96			16.63	057
31	264	10	97	42			10		20	10.63	1,29
TOTAL	5503			118/11	200	103	OC	2.55	1.5	10.63	50
HERAGE	262	9		7.0		フロジ	73	e - 35	1, -	10.63	10.07
Maximum	410	16	- 1	16.0		1000			1.4	10.00	+
n. HIMUM		3		#2.	1			G	-	C	C
(C) 843	C	· C		24.4	3	C	- 12	4.7.5			
Marrie A		1				30			DCCDeat.		

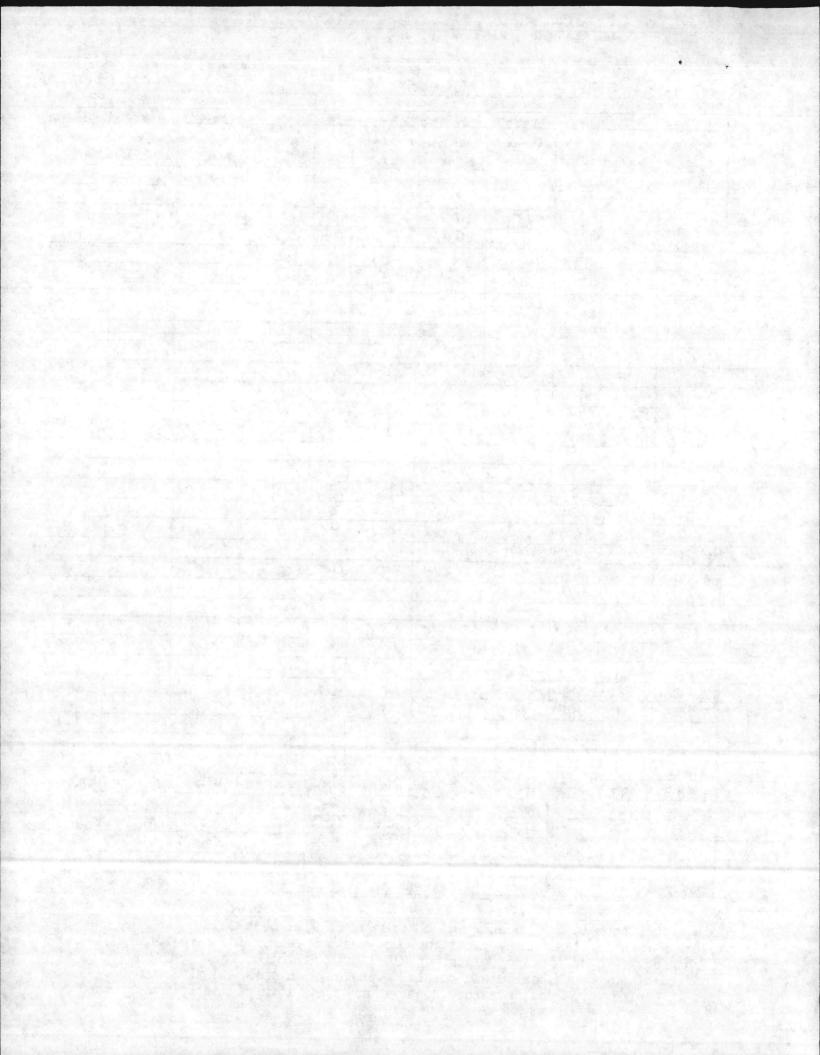
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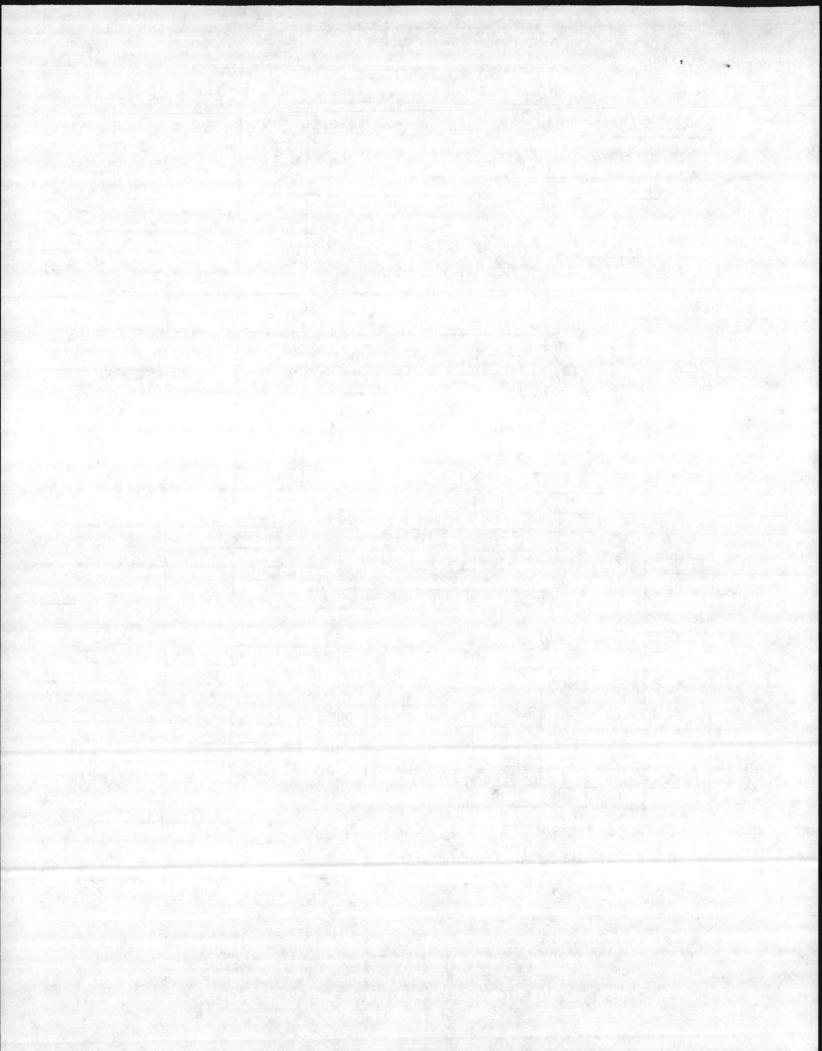


TWA	TARAWATERRA		CF		TEAMIT NO		**	PUA	Y	987	
1 4	001	810	DI	Annonia		530	DUE	SIGIB FECAL COLLOSEM	00866 OIL + CEEME	COLOG TOTAL NITEOGEN	TOTAL PHOSPHOSAL
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%		THEWELT ME/L	EPRUEM Mg/L	610	EFFLUE NT	Mg/L	EFFWENT Mg/L	MG/L
1					多 1	7		1.16	•		The second
2					第二章	. 人名英格	100	12.5%			
3	192	13	93	0.7	145	16	89	2.			• 66 g 14 c 26 c
4	208	9	96	1.4-	76	5	93	0	91.7		
5	180	4	196	12.5	195	8	92	*2			
6	192	# 9	96	1.0	75	1	85	2		***	
7	192	12	94	11.0	148	6	196	10	A		
8	A STATE OF		1	al.				Energy.			
9		1	- 35		- 1	4. 1814		Week.	-14"		and the second
10	200	9	95	2.0	108	9	93	0	First Carlo		
11	187	12 .	94	11.5	76	8	89	1 12			
12	172	17	96	6.9	92	6	93	.0		16.35	5.2
13	405	1 7	97	11.6	294	8	97	9			
14	250	10	96	1.6.	90	8	91	D	•		
15	100				- Marit	The same	75.5	#//shr-	1 2 3000	1.17.19	
16				als.	1	基础		A STATE OF	124		
17	148	6	96	11.8	365	10	97	1	1.675		
:8	164	19	195	17. 7	100	8 3	192	1. O.	11-	1 1 1	
19	184	19	95	111.4	1110	8	93	**			
20	156	12	91	12.0.	198	744	189	D			
2.1	200	10	96	111:31	199	10	94	かり			
2Z	100	10	1		10.	14-1					
23				1	1313						
24	176	9	95	11.2	83	10	89	107			
25	194	111	94	3.1.	85	6	93	1.2			
26	149	10	92		75	9	188	2:			
27	156	8	95		75	12	84	10		A STATE OF THE PARTY OF	
28	180	TIL	94	110	75	10	88	8			
29	1				E E	Spire.		· 编3年 年			
30				4	·	45-91 -		WO.	8		
31	168	10	94	1.23	86	10	88	A D			go wherein
TOTAL	3901	201	1.5	37.8	24~+9	184		FAL	8.5	1638	5.2
	1:01	10		11.8	1115	9	92	1.61	1,4	16,35	5,2
AVERAGE	1000	13		6.9	355	16	199	-ब्युवाही	1117	16.35	5.2
	10	6		0.7	18	6		battle.		16.35	5.2
MUMINIII COMP (C) COMP (C)		C		I C	2012	C			G	C	C
Morning (6)	1	30		8 T		30		ion		45	

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ENVIRONMENTAL CHEMISTEY + MICROBIOLOGY LABORATORY REPORT MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY

MCBCL 11345/6 (REV. 9-86)

m Gt	TAME	OHNS	NOC	Monthel Poi		TERMIT NO	<u>i </u>		Aug		1986
	003	0°C 50D	20.11	AMMONIA	00	1530 ENDED RES		COLIFORM	011 + 65579 E	ODEOO TOTAL NITEOGEN	TOTAL PHOSPHORO
ATE.	INFLUENT Mg/L	EFFLUENT mg/L	%	EFFLUENT mg/L	INFWENT Mg/L	EFFWENT Mg/L	%	EFFLIENT NE/100 ML	EFFURNT Mg/L	EFFWENT Mg/L	Mg/L
1	- 3,5	3	100					100	•	201	A SHEET SE
2	1 100		9.52	1				400/47	4,19	. Lower deals	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3	346	13	96	24.9	304	2	99	2			1.
4	014			(F) (A)				F. 52	0.1	any care	
5						in the first			Market Street	and described	100
6				100		10 10 mm	•	1			-
7	272	17	94	5.5	118	4	97	0			
8	A CONTRACT		1								100
9											6.5
10	496	15	97	3.1	556	6	97	06			
11	47.4	Day of the				15,			104.119		
12	. Sand	12.06.77			4.7	2-1		Figure 1	1		
13			44,50		庫	in the second		a street	1.1		
14	2.04	12	94	5.9	102	9	91	D			
15					海洲上	新		- 本文本	- 4		
16		*			美温 4	は		417			
17	180	5	97	3,0	178	Le All	97	0		238	
18				1 1	一 是 数	- 388		- 10 miles	0.4		
19					x 4 1	- 第	PAGE 19				
20	- 4					37		一次的意力			
21	323	11	97	5.1	407	6	99	D			
22				13				1			
23					1		-	110			
24	229	6	97	3.4	1150	6	96	10			
25						11.55		2-4-4			
26				100				34.54	3.		
27	1 4			Tr.					grade		
28	150	13	91	7.3	118		94	100			
29					1	34		87.4			
30		4577.75	1		100		1011		0.8		. N.Sár
31	130	12	91	21	175	10	194	0			
77 A L	2330	104		39.9	1808	58	00	1 2	014.		
ERACE	259	12	95		201	G	97				
AKIMUM	496	17	1 1	5.9	407	10	- 1	6	0.8		-935 6
MOMINI	The same of the sa	5		2.3	102	2		0	0,1	1	C
me (c) 248 (6)	С	C		C	6	100		G	G		
- Aller	100				1	30	1		30	- ;	

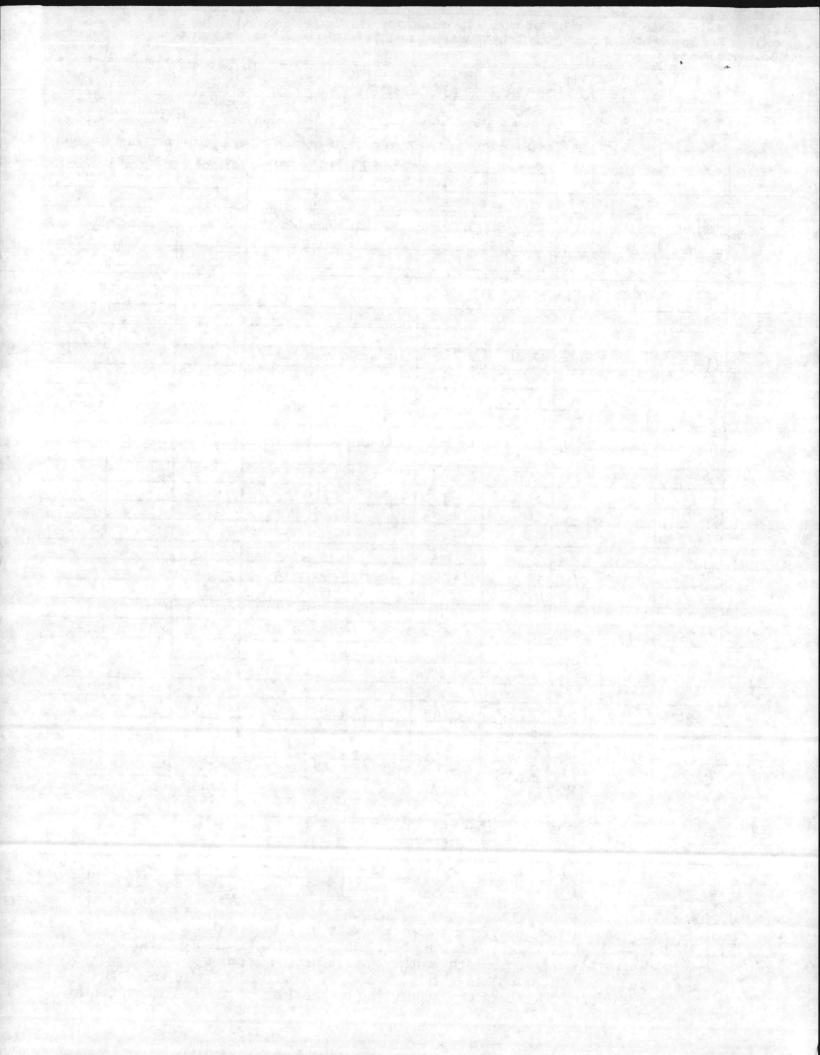
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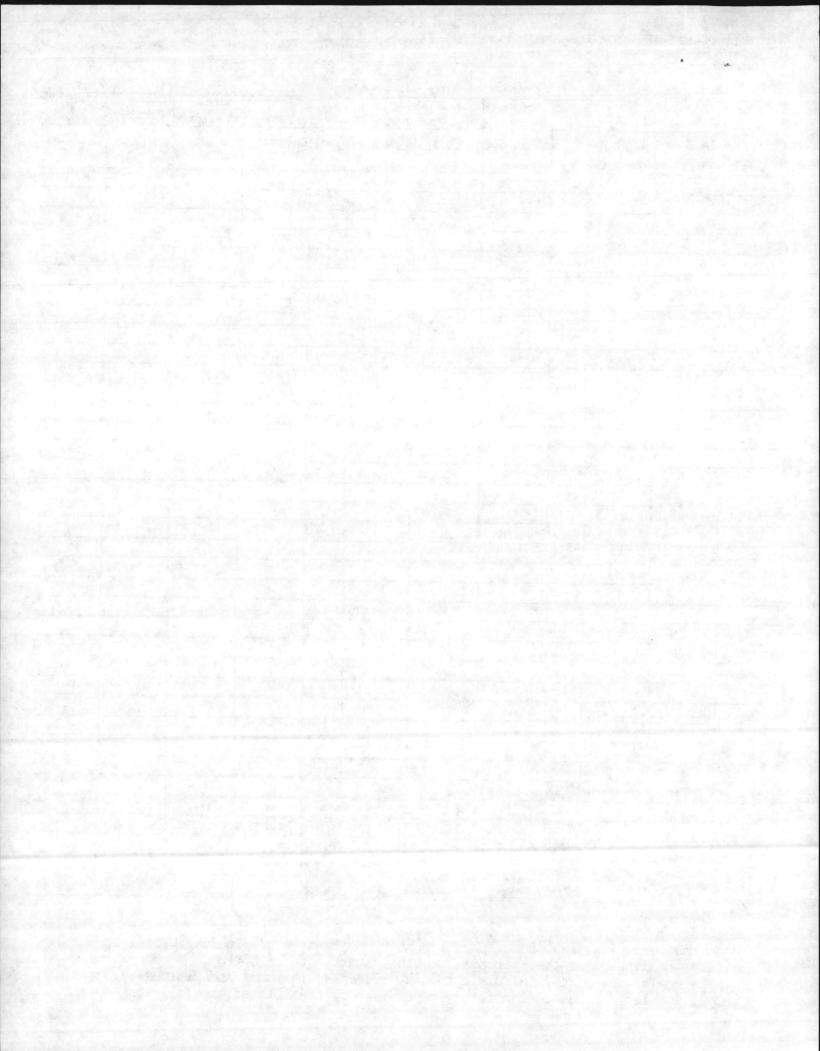
(X) C +	thouse B	21			TERMIT NO 16304			MONTH AUG		1987 1987	
	00	310 0°C 50D		Annonia		NDED RE		COLIDEM	OIL + GEENDE	TOTAL NITEOGEN	TOTAL PHOSPHORAL
DATE	INFLUENT Mg/L	EFFLUENT mg/L	%	EPPLUENT Mg/L	INFWENT Mg/L	EFRUENT MG/L	%	ME/100 ML	EPPLUENT Mg/L	EFFWENT Mg/L	MG/L
1					1	* .		en set	• • •	100	and the same
2		1.	-	300	4 4				190		
3	Gnm	DIG RO	mr	15	Sama	leecros	7				
4	24	Die Gr		029	1			0	1.4	The second	2.2
5	17		7. 7		1.1						
6	7.00		1.6				•				
7		•							2 1 200	1 Maria 1	
8				1446	4.34						
9	1.2 2.2										
10				(New York)					1	Park Calle	
11	136	8	94	0.10	56	5	191	0	2.7		
12	100							29 - 54	4 4		
13						3					
14								4 47			144
15					1.1						
16						100		7番.			
17		4. 2.35				4.		100			
18	132	41	97	115	83	5	194	0			
19	100		1								
20	-				E	7.					
21	- A				e da	"					
22					Carlot Parties of St.		TANK!	3.66			
23					1.			- 4			
24				1 3	1 1	75.00		1 100			
25	76	6	92	. 0.11	2.8	4	186		1		
26				1	9 2 2		0	"精神"	- A		
27				4	14.3	THE STATE OF THE S		ALCONOMIC TO A STATE OF THE PARTY OF THE PAR	*	of my first	
78		A Charles		1	W 1	对条	4	3.98			
29		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1		A TO		56 F			
30	die		-	12		7 3 4 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1		1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -			Partie and
31				5		1968	the state of	1			
TOTAL	379	18		0.64	167	14		and.	61.1		
LYERAG	1.	6	100	0,16	56	5		0	12.1	19.14	
Maximur	-				13	5		0	2.7		
NINIMU		14		01/0	24			Mary .	1714	100	
COMP (C)) 16 C	C		The Assessment of the Inches	3.			G	G	C	C
MOUTHY		22		15		30	* 18	- Batte	30		199

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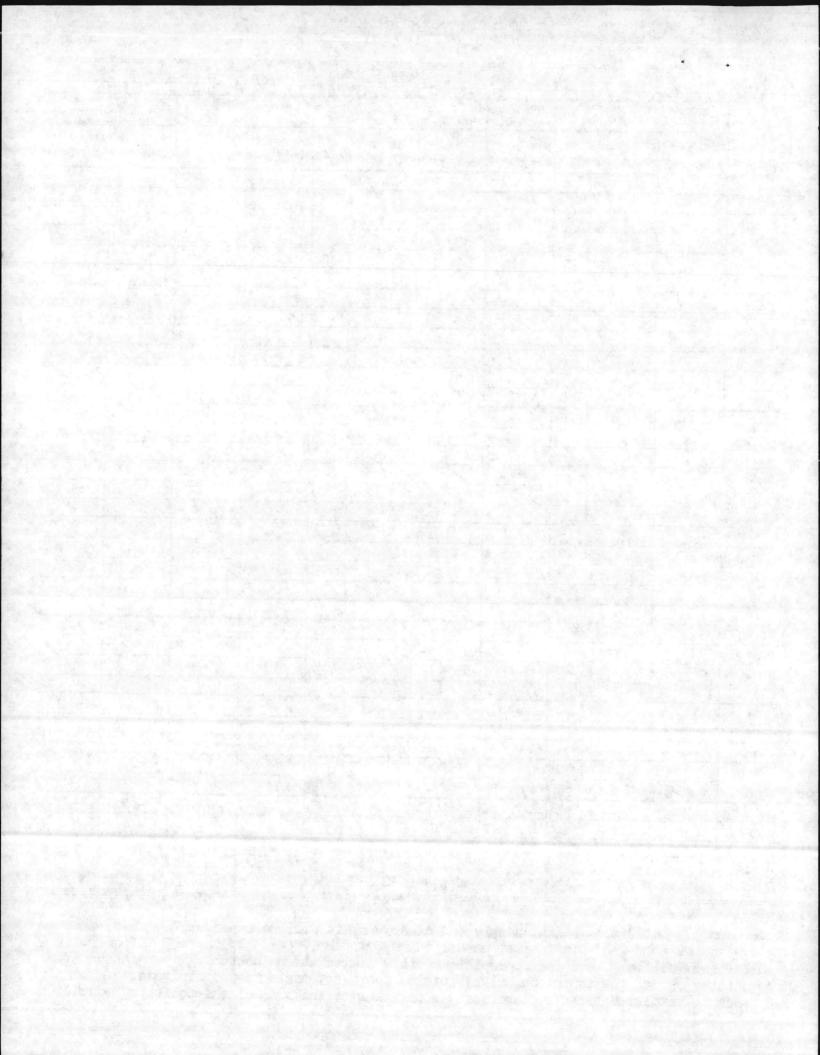
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h:11	lifle Range 00310) 5 DAY 2005 BOD ANNOUNT			NCO	PERMIT NO.	de la companya de la	1	MUQUST		987 00005	
	5 DAY 2	310)		Annonia	0	ended Res	1000	COLIDEM	OIL . CEENSE	TOTAL .	PHOSPHOSO
DATE	THFWENT Mg/La	EFFLUENT mg/L	%	EFFLUENT Mg/L	INFLUENT Mg/L	EFRUENT MG/L	%	ME /100 ML	Mg/L	Mg/L	MG/L
1			10	16 %	A	9:	A year		• • • •		-
2			1	23000				,	No.		
3				977 107		- de co					·
4	42.00	1	4		1-676				0.2		
5	62	3	95	ONS	41	3	93	0	Parenta 1		
6			and a			4	•				
7											
8								13,5	Section No.	11.70	
9				10000				100		Service but a	
10								4、新春	10000		
. 11				1				right to			
12	50	14	92	006	138	3	98	0		5.26	1.4
13				II a		SERVICE TO					
14	18				p Barrier a	Henry Man		252			
15											
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Mounty	A .	125	11 (2) 4-24	新		30		To a series	- 00		

- 1. Complete this form in ink, neatly and clearly or it will be typed.
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- in Coliform heading. Add the appropriate monthly limits at the bottom.

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ENVIRONMENTAL CHEMISTRY + MICROBIOLOGY LABORATORY REPORT MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY

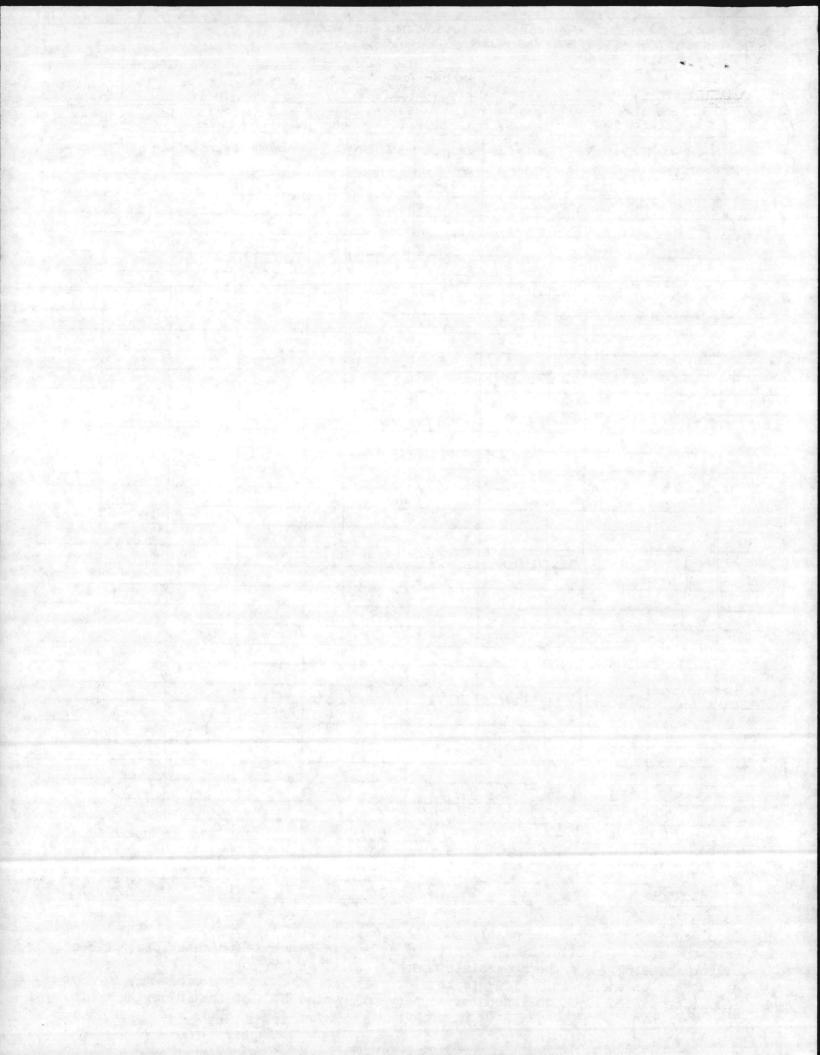
MCBCL 11345/6 (REV. 9-86)

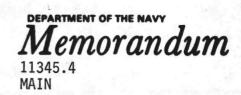
10 m	INFLUENT EFFLUENT EN			NCOO	PERMIT NO		* 15 Y 10	HUM		087 10045	
	5 DAY 2	0°C 50D		MMONIA	00	uded Re	DUE	COLIFORM	OIL . GEENSE	COLOG TOTAL NITEDGEN	TOTAL PHOSPHORO
DATE	10.000000000000000000000000000000000000		%	EMPLU ENT	INFLUENT Mg/L .	EFRUENT Mg/Ly	%	ME/100 ML	Mg/L	Mg/L	Mg/L
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31	7.0	35.		3.85	437	30		1 表 4	111.1	6,55	
TOTAL	7/8	9	95		109	8	93	3 0	5,6	6,55	
AVERAGE		14	75	2.0	1273	10		0	814	6.55	
MAXIMUM	-			0:08	39	14		0	2.1	10155	
MUMIMUM COMP (C)		4		C	3		13.4	G	G	C	C
Mournay	С					7.0		1 74	30		

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DATE: 15 July 1987

FROM: Utilities Systems General Foreman

Director, Natural Resources and Environmental Affairs Via: Director, Utilities Branch

SUBJ: RESULTS OF WASTEWATER TREATMENT COMPLIANCE MONITORING

Ref: (a) Your 1tr 6286/1 of 13 July 1987

1. Per the reference, the following data concerning violation of Disolved Oxygen Permits Limits (Weekly) at the Hadnot Point Wastewater Plant is provided.

a. A new trickling filter return effluent pump was installed on 9 June 1987. Since the pump installion, the D.O. has averaged 5.6 mg/l.

2. If we could be of any further assistance, please contact us at your earliest convenience.

B. M. FRAZELLE, II

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UNITED STATES MARINE CORPS NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIVISION MARINE CORPS BASE

CAMP LEJEUNE, NORTH CAROLINA 28542-5001

6286/1 NREAD 13 Jul 87

From: 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

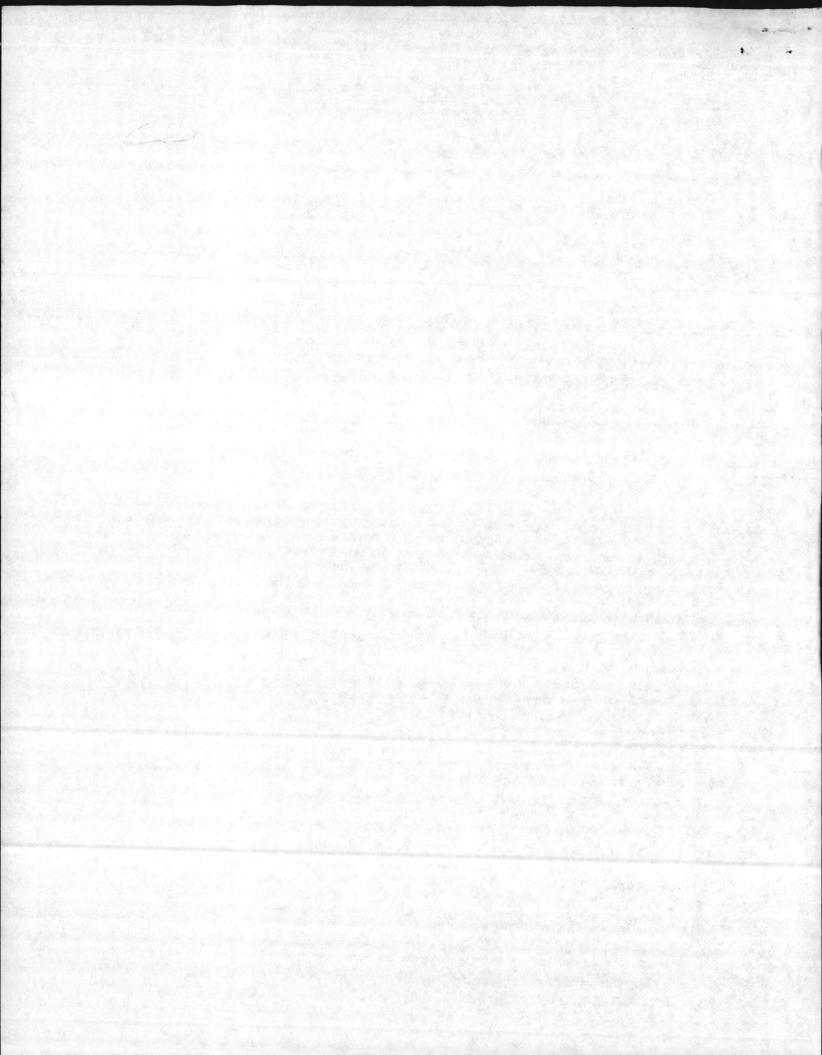
(2) Violations of Camp Geiger's Proposed NPDES Limits

1. It is requested that the enclosures be routed to the Utilities Systems General Foreman. 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 June 1987.

- 2. The wastewater treatment compliance monitoring data for the month of June 1987, provided by your office, shows that the Hadnot Point Wastewater Treatment Plant did not meet the weekly minimum average for Dissolved Oxygen of 5.0 mg/l. The weekly averages for 1-6 June 1987, were 4.0 mg/l. Natural Resources will need a letter explaining the violation by 17 July 1987 for inclusion in the monthly report.
- 3. The Camp Geiger Wastewater Treatment Plant still operates under a 1980 permit. Based on the proposed limits, enclosure (2) lists the violations Camp Geiger would have for June 1987 if a new permit were issued. The new permit is suppose to contain a compliance schedule for Ammonia (NH3) that would eliminate the NH3 limits once a diffuser was installed.
- 4. Questions regarding the enclosures should be forwarded to the Supervisory Chemist, Environmental Chemistry and Microbiology Laboratory, Natural Resources and Environmental Affairs Division, x5977.

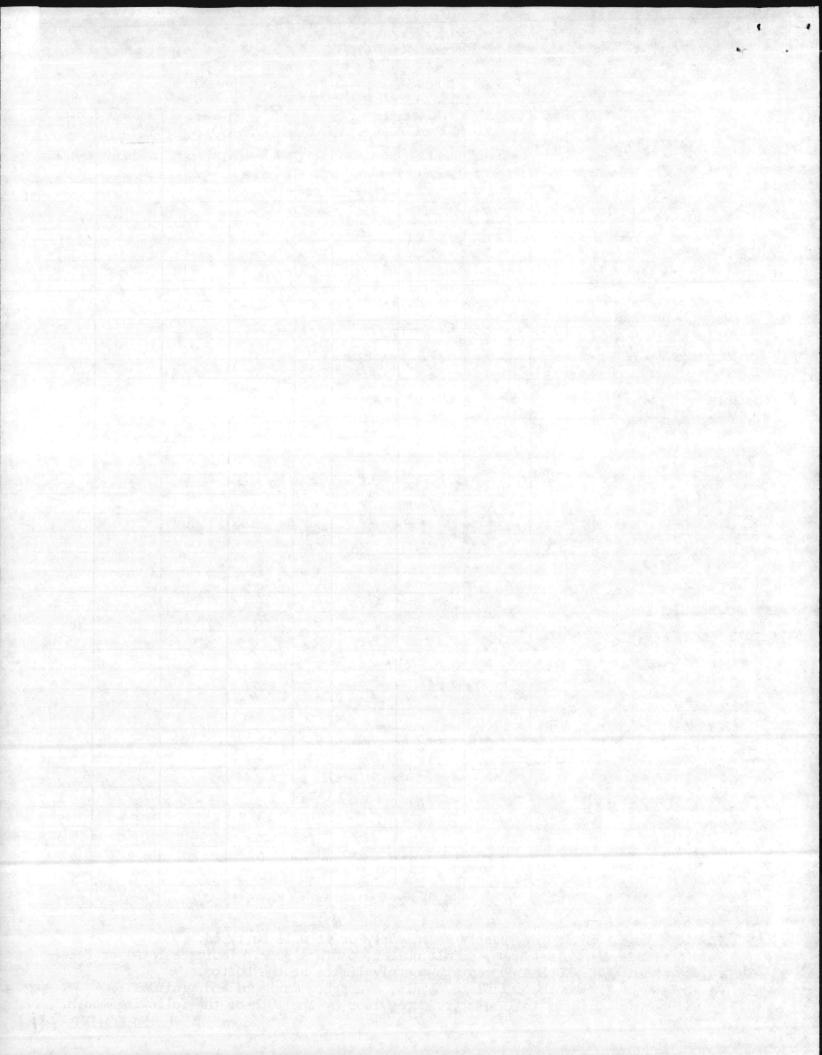
J. I. WOOTEN

Blind copy to: EC+M Lab



H	ADNOT	POINT		STP	NPDES	NCOUG	30		HTHOM VIUT	۲۰ Y	1867
	5 DAY 2	0°C 50D		Annonia		1530 WOLD RE		COLIFORM	OUL + CEEME	COLOO TOTAL NITROGEN	TOTAL PHOSPHOROUS
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EMPLUENT Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	EFFLIENT NE/100 ML	EPHWENT Mg/L	EFFWENT Mg/L	FERTLURAT MG/L
1	188	18	90	3.6	104	15	86	0		-Virginia	10
2	172	27	84	5.5	128	15	88	70			
3	184	27	85	5.7	76	13	83	2	9 144		, in the second
4	216	28	87	4.3	86	17	80	0	2.0		
5	230	24	80	4. 2	146	19	87	0		a company	
6	a de la companya de l		100		100						
7				Page Track						ar ingli	
8	204	. 18	91	41.	112	15	87	10			5.1
9	224	25	89	6.0	132	12.	9/	0		11-1-1-	
10	184	19	90	40	120	6	95	O		Britan X.	Company of the
ii.	136	17	88	5.1	66	13	80	0			342 S.
12	200	6	97	4.9	212	14	93	0			A
13		, n	1	7.7				-	4 78 4		
14											
15	144	10	94	3. 2	124	5	96	0			
16	140	13	91	4.8	130	7	95	0		11.83	4.7
17	192	15	92	6.4	140	7	95	0			
18	196	7	96	5.1	98	11	89	Z	L. Albert		
19	160	1 17	89	4.8	92	10	89	0			
20	100		1	// 5	1		1				
2.1				22.5					Colo Ababil		
22	124	17	86	2.7	108	15	86	0,	n seedaan	W. W	a desire
23	204	13	94.	2.9	278	9	95-	0			
24	164	11	93	4.5	154	15	90	10	Total Control		5.9
25	200	12	94	The same of the same of the same of	92	16	89	0	0'		1
24	168	11	23		113	8	93	0			
27	100		12	1.0	110		10	0	The section		
28											
29-	184	12	93	3.4	142	12	92	0			
30	160	12	93	3.6	118	10	91	0			
31	760		13		710		1			Lexy-	- 1
TOTAL	3994	359	Basa.	97.1	2711	258	TE VE		2.0	11.83	15.7
	182	16	91	4.4	123	12	90	1.43	1.	11.83	5.2
WERACE	230	28	1	THE RESERVE OF STREET	212	19	WY N		2	11.83	5.9
MUMIKAN	124	6	-	6.4	66	5	Res.	0	6	11.83	4.7
MUMIMUM COMP (C) CEAB (E)				2.7		C	1.4.1	-	G	11.83	·c
MONTH (4)	C	22		13	C		1 1		30		

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TMI	CAMP	GEIGE	r.	STP		TERMIT NO			MANTH		1987
	5 DAY 2	0.C BOD	17. J	Annonia		1530 INDED RE	OUE	COLIFORM	oof64	COLOG TOTAL NITEOGEN	TOTAL PHOSPHOROUS
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EMPLUENT Mg/L	INFLUENT Mg/L	EFRUENT Mg/L	%	REFLUENT NE/100 ML	EPPLICENT Mg/L	EFFWENT Mg/L	FATLURAT Mg/L
1	250	7	97	11.8	176	4	58	0	Jan 1981		
2	308	10	27	11.4	173	2	99	0			P. L. 150
3	265	10	96	/3./	193	4	98	0		je.	
4	390	12	97	12.6	340	5	98	z			
5	295	12	96	15.3	217	10	95	O			
6							State of		ë		
7	# N = 10		100								
8	308	.21	93	26.9	237	15	94	6	3.4	State of the state	5.6
9	405	18	96	19.3	252	14.	94	0			
10	275	21	92	16.9	173	15	91	0			
11	245	17	93	14. 2	166	10	94	0			
12	284	4	99	13.2	190	16	92	0			
13											V.
14											
15	296	14	95	13.9	153	2	199	0		Av 16. Million	
16	324	19	94	16.2	314	4	99	0		18,43	1.6
۱۶	224	15	93	11.8	156	5	97	2			
18	316	3	99	13.7	183	#	98	0			
19	284	18	94	12.0	242	8	97	0			100 4 10 10
20							10.04				
21					S. C. C. Bank						
22	332	18	95	11.9	206	12	94	0,			1.
23	260	18	93.	9.4	3/6	4	99	0		100	
24	200	8	96.	10.6	174	6	96	10		1-2-19-1	0.8
25	216	7	97	9.9	76	3	96	0	0		1.50
26	4/0	8	98	11.3	283	3	88	0			
27	1 2 2 3 3				•						
28	17 TO 18	- F - W - 187					0=				
29-	235	9	96	14.4	150	7	95	0			
30	250	1/	96	10.6	134	4	97	0			
31	32.50				was the sale of	124 100000 1000	BANK PAY			12	-
TOTAL	6372	280	-17	300.4	4504	157	THE STATE OF	the Committee of the Co	3.4	18.43	8.0
AVERAGE	290	. 13	96	13.7	205		97	1.16	1.7	18.43	2.7
Maximum	410	21		26.9	340	15	477		3.4	18.43	5.6
NIKIMUM	200	3		9.4	76	3	Keny		0	18.43	8.0
COMP (C)	С	C		C.	C	C	1 74-1		G	C	·C
Mounty	144.00	30			TO THE PROPERTY OF	30	本事	200	30		-

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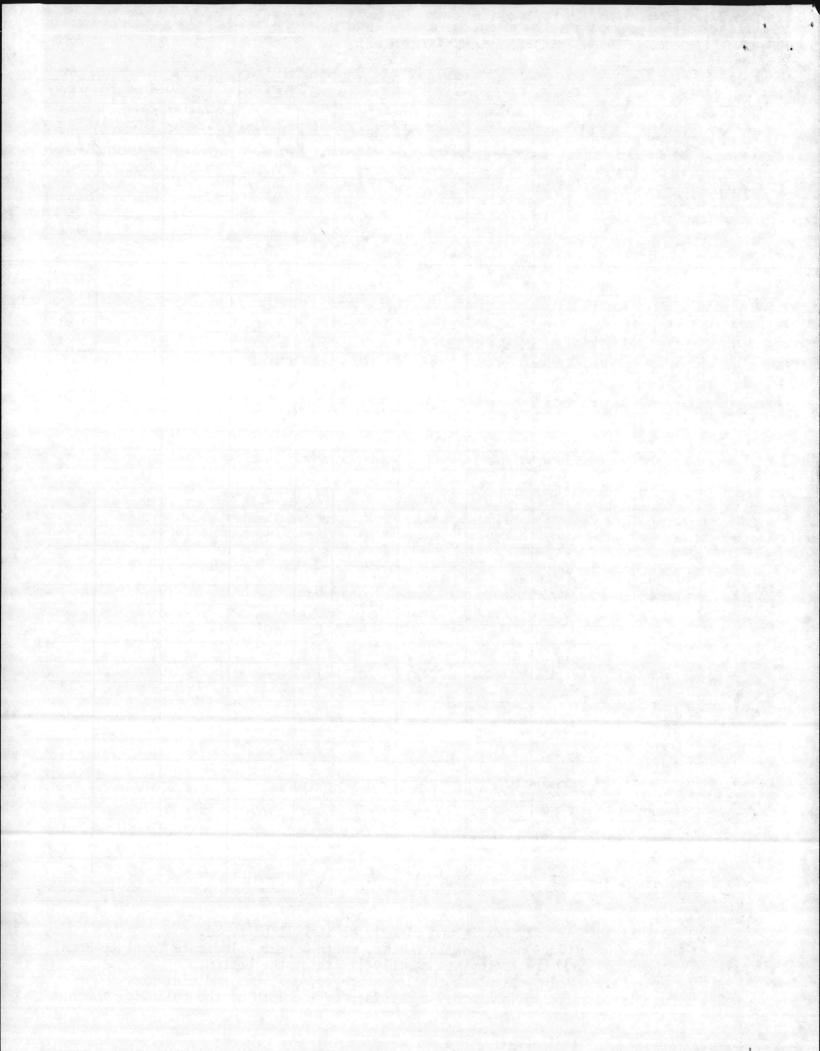
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LANT 7	ARAWA	TERRA	دوس	STP	NPDES	PERMIT NO	630	702	MONTH JUN	5	1987
	5 DAY 2	0.C 20D		Muonia		1530 LND&D RE	BUE	COLIFORM	OIL + GEENSE	COLOO TOTAL NITEOGEN	COULS TOTAL PHOOPHOROL
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EMPLUENT Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	EFFLUE NT NE /100 ML	EPPLIFE NT	EFFWENT Mg/L	MG/L
DAIS	216	14	94	1.8	2/6	8	96	٥	0.00		
2	196	10	95	6.0	86	7	92	U			
3	196	11	94	3.6	86	5	94	0	1.4		
4	204	12	94	1.8	134	6	96	0			
5	255	10	96	1.9	174	7	96	0		· ' /	
6		1 /0	70			and different source			11.	3.3. 6	
7											
8	208	. 12	94	2.1.	124	9	93	0			5.1
9	176	13	93	3.8	96	7.	93	0			
10	184	16	91	3.4	118	10	92	0			
11	188	11	94	2.7	116	6	95-	O			
12	124	2	98	2.4	78	14	82	0			
1,3					194						
14				·							
15	180	10	94	1.7	106	6	94	12			
16	160	12.	93	3.6	96	4	96	0		14:41	5.4
17	100	10	90	2.3	92	8.	91	2			
18	204	7	97	. 1.9	110	8	93	0			
19	256	10	96	1.5	358	8	98	0			
20							P. 6				
21			416.536						W. S. A. J		
22	208	12	94	1.1	132	11	92	0.			
23	148	12	92	1.7	124	8	94	0			1.3
24	176	14	92	7-9	180	11	94	10			4.3
25	184	11	94		108	8	93	_	0		
26	184	11	94	3.6	88	12	86	0			
27			May 1	20 - 30							
28	学 业发生。						-	1 1 1 1 1 1 1			
29-	152	11	93	1,5	122	12	80	0		-	-
30	164	9	95	1.5	90	10	89	6	Na. 1-6	100	-
31				le di min	T. Letter		AND HAS	M.		1.1	1
TOTAL	4063	240	F. C.	54.3	2836	185			1.4	14.41	14.8
WEEAGE	185	, 11	94	2.5	129	8	94	1	0.7	14.41	4.9
neximism	256	16		6.0	358	14	1	1	1.4	14.41	5.4
MUMINIM	100	2	131	1.1	78	4	RE I'M	7	0	14.41	4.3
core (c)	C	C		C.	C	C	il site.		G	C	,C
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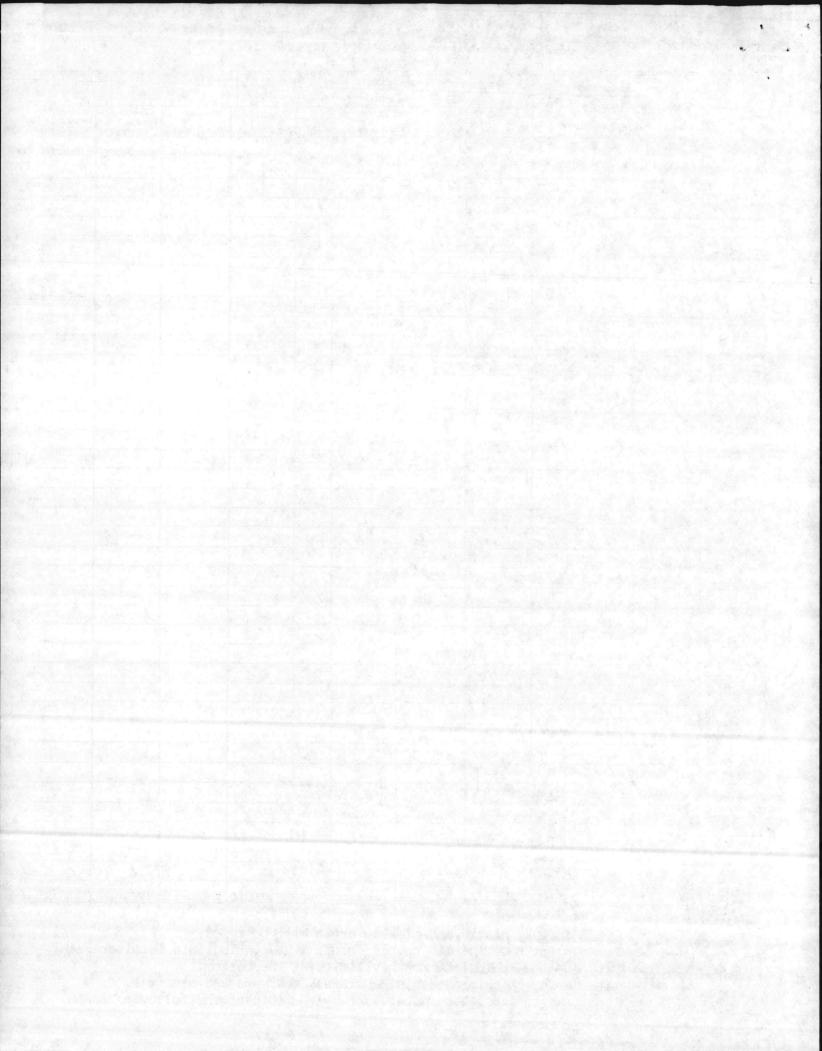
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TAMT	CAMP	JOHNS	50N		1	RECOG S	3011			NG	1987
	5 MY 2	310 BOD		Amonia		1530 INDED RE	BUE	COLIFORM	00564 OIL + GEENSE	OOLOO TOTAL NITEOGEN	TOTAL PHOSPHORAL
DATE	INFLUENT mg/L	EFFLUENT Mg/L	%	EMPLUENT Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	EFFLUE NT MF/100 ML	EPFLUENT Mg/L	EFFWENT Mg/L	MG/L
I	188	7	97	1.1	120	3	98	0			
2								4			
3							100	section 1	5.3		
4							Jan 2		Page 1		
5	513	19	97	3. 3	344	9	27	0			
6	2014								1.		
7							1				
8	324	.14	96	1.4	122	6	95	. 0			2.2
9			- 11					na haran da kalendari		A	
10											
п											
12	276	1	99	3. z	108	11	90	0			
13											
14					4 47						
15	200	16	92	5.0	202	6	97	0		A	
16				· Allen							
۱۲											A Section 1
18											
19	324	11	97	6.7	441	5	89	2			
20											
21		SALE OF						er transport to		a de sino	
22	345	18	95	2.1	313	6	98	0,		3.5	
23								- 大學		1. 1.	
24								1			
25		Value 1				157	Land 1	Stage Stage	0		
26	184	12	93	3.0	182	3	98	0			Mark
27					701		1000				
28									11000		
29-	135	10	93	2-0	102	4	96	0			
30		N. A. C. C.							As a second		
31	900 7000							1000		75.00	
TOTAL	2549	108	14	27.8	1934	53		The Maria	5,3		2. 2
AVERAGE	283	12	96	3.1	215	6	97	1.08	2.7		2.2
Maximum		19	153	6.7	441	11	117		5.3		2.2
MINIMUM	135	. 1		1.1	102	3	IK MA				2.2
COMP (C)	C	C		C.	C	C	14	G	G	4),C
Mouthant	THE STATE OF				to be wanted	30	1		30		1

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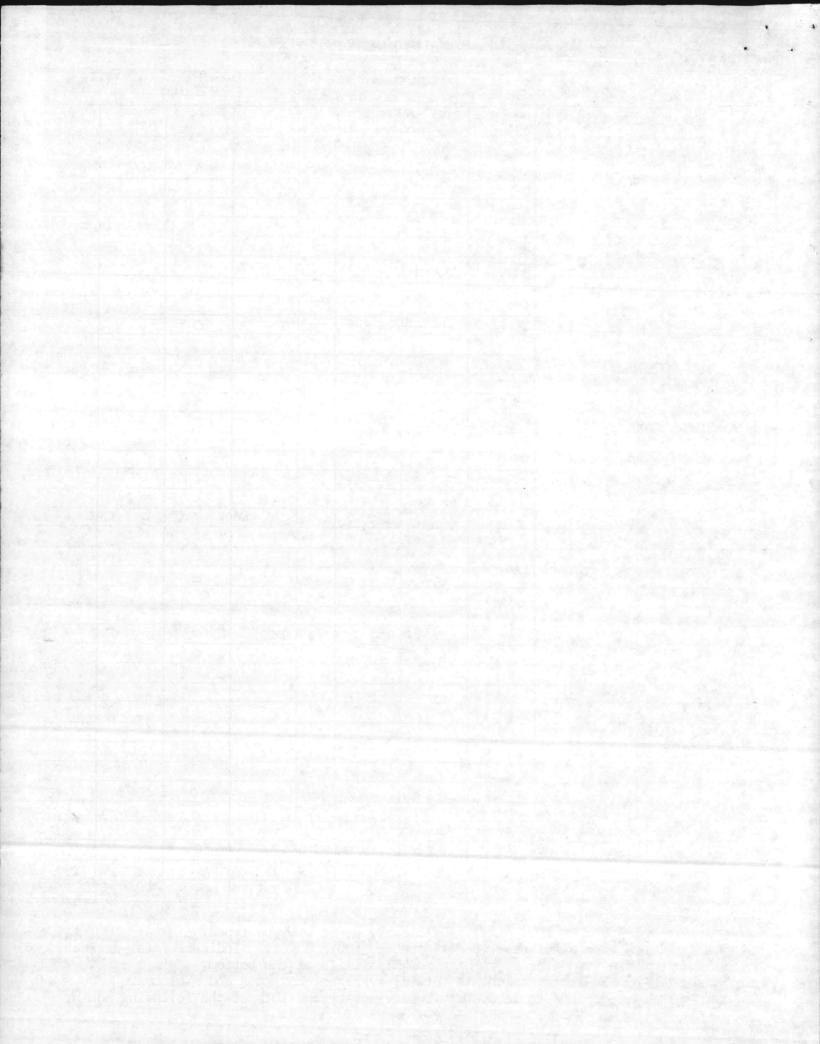


LANT C	COURTHOUSE BAY STA OOSIO STAPLICENT EFFLUENT Mg/L Mg/L 78 Mg/L		STP		reemit No	3047	ACCOUNT OF THE PARTY OF THE PAR	MONTH JUNG	1	1987	
	5 MY 2	0°C 50D		Annonia	TOTAL SUSPE	530 NDLD RE	SOUE	COLIFORM	OUL + CEEME	COLOG TOTAL NITEOGEN	TOTAL PHOSPHOROU
DATE	1999	the state of the s	%	EMPLUENT Mg/L	THEWELT MOTE	EFRUENT Mg/L	%	ME/100 ML	EFFLUELUT Mg/L		MG/L
1			4.77.77	dat		The property of					
2	80	7	9/	6.38	48	7/	85	Z	Cores :		
3			A 36					an against			
4						4 1 2 2 3					
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6									¥.,		
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8	Difference of the second							644444	0		
9	132	/0	92	0.27	62	6	90	0			
10									1		
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15							1.				
16	148	10	93	6.57	166	7	96	10		7.83	1.6
۲۲											
18											
19			10000								
20											
2.1	100										2.08
22	12.00	10人,要是			1.54	1-94					
23	220	5	98	0.37	136	3	98	560			THE WAR
24								1		- 8	
25									0.4	<u> </u>	
26				-	380				•		
27					1000						
28					1000						
29-		40.000					66				
30	68	6	91	0.16	46	1	98	0			
31		-	September 1	1-1	1150	3.4	PANE THE			7 00	1 .
TOTAL	648	38	Live	1.75	458	24			0.4	7.83	1.6
LYERACE		8	94	0.35	92	5	95	6.45		7.83	1.6
MOMIXAM		10		0.57	166	7.	117		0.4	7.83	1.6
MUMINUM	68	5	- 48	. 0.27	48	1	A STATE		0	7.83	1.6
(e) (42)	C	С		C.	C	C	in.	No.	G	C	C
MONTHAN	1.6	30	49.5		A Lambert	30	300	14	30	EAT.	PARTIE SALVA

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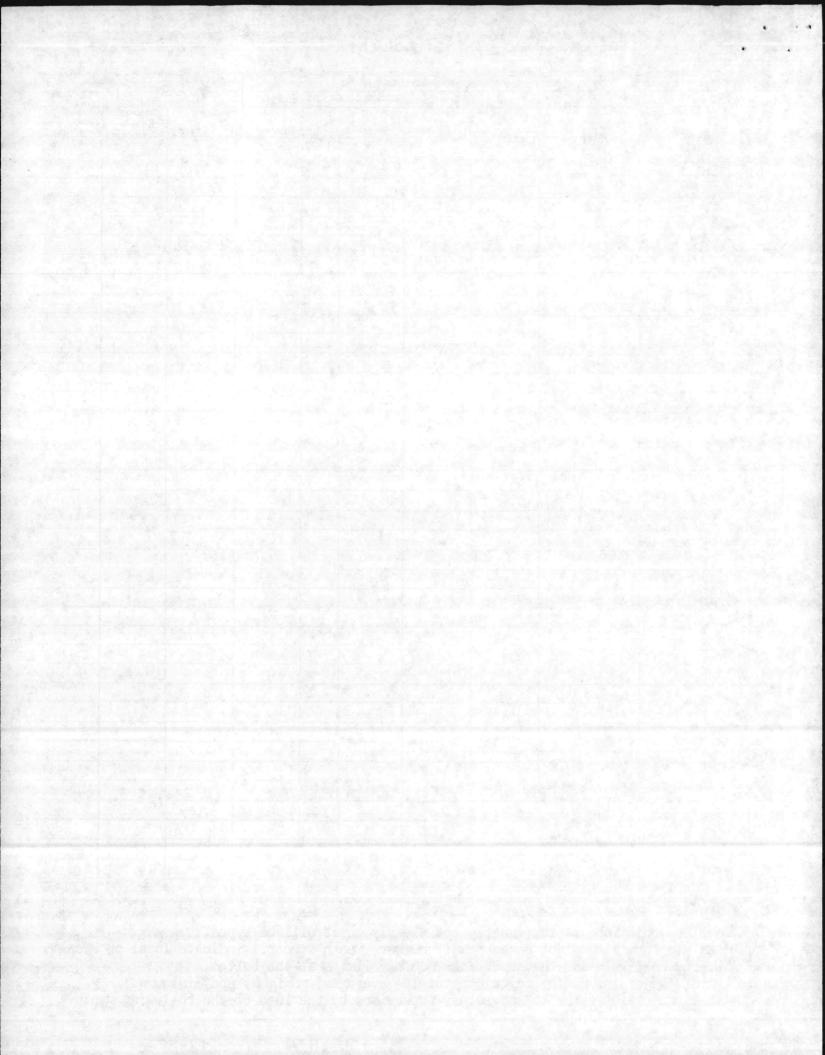
PLANT	RIFLE	RANG	i E	STP	NPDES	NC 00 (HTHOM JUL	15 Y	L987
	5 DAY 2	0.C 20D		Amnonia		1530 WDed Re		•	OIL . CEEME	COLOO TOTAL NITEOGEN	TOTAL PHOSPHOROL
	INFLUENT Mg/L	EFFLUENT mg/L	%	EMPLUENT Mg/L	INFWENT	EFRUENT Mg/L	%	NE/100 ML	Mg/L	EFFWENT Mg/L	
DATE	1119/2	mg/L	18	113/4	Mg/L	MAIC	10	7100 ML	1.316	1 11/2	3/2
2						2.2					
3	250		<u> </u>				-			1.50	
4	40	4.	90	0.31	136	,	99	δ			
5	1 70	- / `-	and the same	0.07	- 43.535		-	34.3			
6						12.10.00					
7	47.00										
8					4303411				0		10 (Sec. 1961)
9		Jack Services						100000			eska i telkra
10	68	6	94	0.14	70	4	24	0			Par A
-11				diam'r.			•	1 2 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			
12	112	,		E4.5 *				42.50			
13											
14				·							A CONTRACTOR
15				2014			•	1 1 7 3		24.7	
16		Carolin Laure									
17	44	4	91	0.15	76	1	99	0		5.94.	Sept. Sept.
18											
19											1.00
20				建筑在10年 00年					The same		
21						1. 2			1 227 4	,	
22		di				•			10.00	10 THE	1997 1
23			_		V1 34			-	,		
24	60	5	92	0.31	200	2	99	10	100		1.5
25									0		
26		Y (1 / 254)	N. I. SE				line .				13
27		H 1				Part Service					
28	7,814		(A)		75 (4)	1				-	+
29-		1 元明1873									
30		4.5				20.50 4.5			Tolk Mich		
31 .		10			1.089	-	AND MAN			= 21	
TOTAL	212	19	THE REAL PROPERTY.	0.9/	482	8	TO S	N MALESTAN MARKET	0	5.94	1-5
WERAGE	53	5	91	6.23	121	2	98	0	0	5.94	1.5
MAXIMUM	68	6		6.31	200	4	7/7	0.	Ų	5.94	1.5
MUMIMUM	40	4		0.14	70	/	RAPAT.		U	5.94	1.5
COMP (C)	C	C		C.	C	C	137		G	C	C
MOTOTALA	a history	30			and the same	30	美国大学	14	30		No.

- 1. Complete this form in ink, neatly and clearly or it will be typed.
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PLANT	01/5/0	W BEA	CH.	STP	NPDES	NC 00			MONTH	Y	1987
	5 MY 2	0°C 50D		Annonia		0530 ENDED RE	SOUE	COLIFORM	00866 OIL • GEENSE	COLOO TOTAL NITEOGEN	TOTAL PHOSPHOROUS
.	INFLUENT Mg/L	EFFLUENT Mg/L	%	EMPLUENT Mg/L	INFLUENT	EFRUENT	%	EFFLUE NT NE/100 ML	Mg/L	EFFWENT Mg/L	EMPLUENT MG/L
DATE	1119/2	1113/12	10	113/2	Mg/L	mg/L	10	7100 ML	1.215	1 13/2	1.3/2
2	 	 				1					
3	-	-				10 mg					
4	268	8	97	0.26	346	4	99	BACT SAMAS	0.2		
5	100	+	1/	0.00	10,2		1	PACT. SAMAGE			
6		-						168 100	F.		
7					 				7 7		
8											
9	A Sec. 2		- 48		4.7.70			Page action		Paragonia Sign	10 A
10						1					
- 11	180	11	94	0.37	264	6	98	0	0		
12											
13	102								41.3		
14			16.75								
15							•				
16		1		17,000							
17	() () () () () () () ()										
. 18	164	6	96	0.48	156	5	97	26			
19	10 mm - 10										100
20											
2.1											
22				Later Carl				MARKET L		17.4	A MARKET
23											
24					The state of the s			1			
25	184	6	97	0.22	232	2	99	0	0	3	4.07
26				21 P. St. 12					No. 10	1.2%	
27											
28						100 MC					Washington.
29-		100				1 1 1 1 1		\$100 m			
30				数据, 高學						1.00	
31	***			Employ of the second	· · · · · · · · · · · · · · · · · · ·				Congress and and		wheth the water of
TOTAL	.796	3/		1.33	998	17.	int.		0,20		Cont.
AVERAGE	199	. 8	96	0.33	250	4	98	2-96	0.07		
Maximum	268	11	Shi	0.48	346	6	100		0.20		
NIHIMUM	164	6	***	0.22	156	2	de Cal	A	0	T	
(c) (449)	С	C		C.	C	C			G	4	l.c
Marriagh	1. 1	30	20 14	-	ינב אויים ביים	30	4	14	30	Life SV	

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Violations of Camp Geiger's Proposed NPDES limits

Parameter	Limit	Date	Value
Biochemical Oxygen Demand - Weekly	15 mg/l	7-13 Jun 87	16.2 mg/l
Biochemical Oxygen Demand - Monthly	10 mg/l	Jun 87	13.0 mg/l
Ammonia - Weekly Ammonia - Monthly	4.5 mg/l	1-6 Jun 87	12.8 mg/l
	4.5 mg/l	7-13 Jun 87	18.1 mg/l
	4.5 mg/l	14-20 Jun 87	13.5 mg/l
	4.5 mg/l	21-27 Jun 87	10.6 mg/l
	4.5 mg/l	28-30 Jun 87	12.5 mg/l
	3.0 mg/l	Jun 87	13.7 mg/l
Phosphorus - Monthly	2.0 mg/l	Jun 87	2.7 mg/l

From: Director, Natural Resources and Environmental Affairs

Division, Marine Corps Base, Camp Lejeune

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

(Attn: Utilities Director)

Subi: 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 enclosure be routed to the Utilities Systems General Foreman. The enclosure summarizes 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 1-31 May 1987.
- 2. The wastewater treatment compliance monitoring data for the month of May 1987, provided by your office, shows that the Hadnot Point Wastewater Treatment Plant did not meet the weekly minimum average for Dissolved Oxygen of 5.0 mg/l. The weekly averages for 17-23 May 1987, 24-30 May 1987, and 31 May 1987, were 4.4 mg/l, 4.2 mg/l, and 3.8 mg/l respectively. Natural Resources will need a letter explaining these violations by 18 June 1987 for inclusion in the monthly report.
- 3. Questions regarding the enclosure should be forwarded to the Supervisory Chemist, Environmental Chemistry and Microbiology Laboratory, Natural Resources and Environmental Affairs Division, x5977.

J. I. WOOTEN

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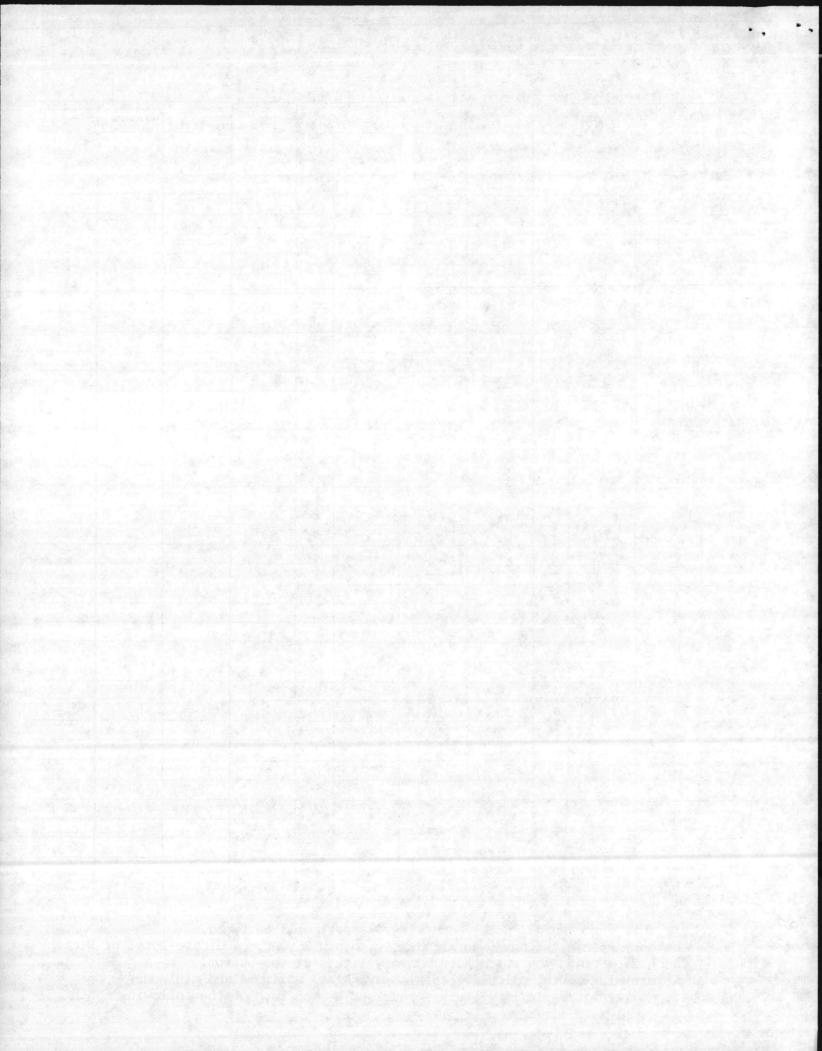
FILTE CORY LOT

CAMP GEIGER				NPDES PERMIT No. NCOCO 3239				MAY Y		1987	
				Annonia	TOTAL SUSPENDED RESOUTE			•	00664 011 - 65510E	TOTAL NITEDGEN	TOTAL PHOEPHOED
DATE	INFLUENT mg/L	EFFLUENT Mg/L	%		INFWENT Mg/L	EFRUENT Mg/L	%	EFFLIENT NF/100 ML	EFFURNT Mg/L	EFFWENT Mg/L	
1	340	23	93	14.9	174	23	87	0			
2										a the ske by	They are the
3	Section Section									8 75 Ta 3	
4	250	14	94	20.8	238	5	98	٥			
5	296	15	95	15.6	144	8	94	0	1.3		1.4
6	320	10	97	13.7	190	8	96	0			
7	256	15	94	14.3	190	7	96	0 .			
8	256	. 16	94	10.6	142	7	95	0			Total Dates
9									to star or or		
10											:
11	305	12	96	.18.1	194	8	96	0			
12	204	22	89	13,5	132	11	92	0			
13	Z80	17	94	13.3	206	10	95	0			
14	296	15	95	12.6	162	12	93	0	No.		
15	224	50	91	12-9	206	16	192	10			
16								The second			
17											
18	200	2	99	10.7	168	2	89	0			
19	235	14	94	10.6	182	9	85-	0			
20	310	12	96	12.7	210	13	94	0			1.1
2.1	375	12	97	15.8	210	5	58	0		1.40	
22	344	12	97	13.5	232	7	97	0,			
23						1 1 1 1 1 1 1		1			
24	338							,			
25	HOLIDAY								LAG		
26	324	8	97	Contraction of the Association	203	3	99	0	ACCIDENT		
27	276	19	93	11.2	2/4	8	92	U	2001		1.2
28	228		94	122		7	94	0			1. 6
29-	320	12	96	13.1	123	8	93	0		11.49	
30	President Company										
31				6.014			DANG THE S			The state of the s	
TOTAL	5639	283	the safe	269.3		177		1	1.3	11.49	37
AVERACE	282	14	95	13	182	9	95	1.12 9		11.49	1,2
MOMIXAM	375	23		20.8	238	23	1	1	1.3	11.49	1.4
MUMINUM	200	2		7.2	116	3	REAL PROPERTY.		1.3	11.49	
(c) 6490	C	C		C.	C	C	, in		G	C	C
Marriage	The state of	30	100	The second	1	30	多的人	zou	30		

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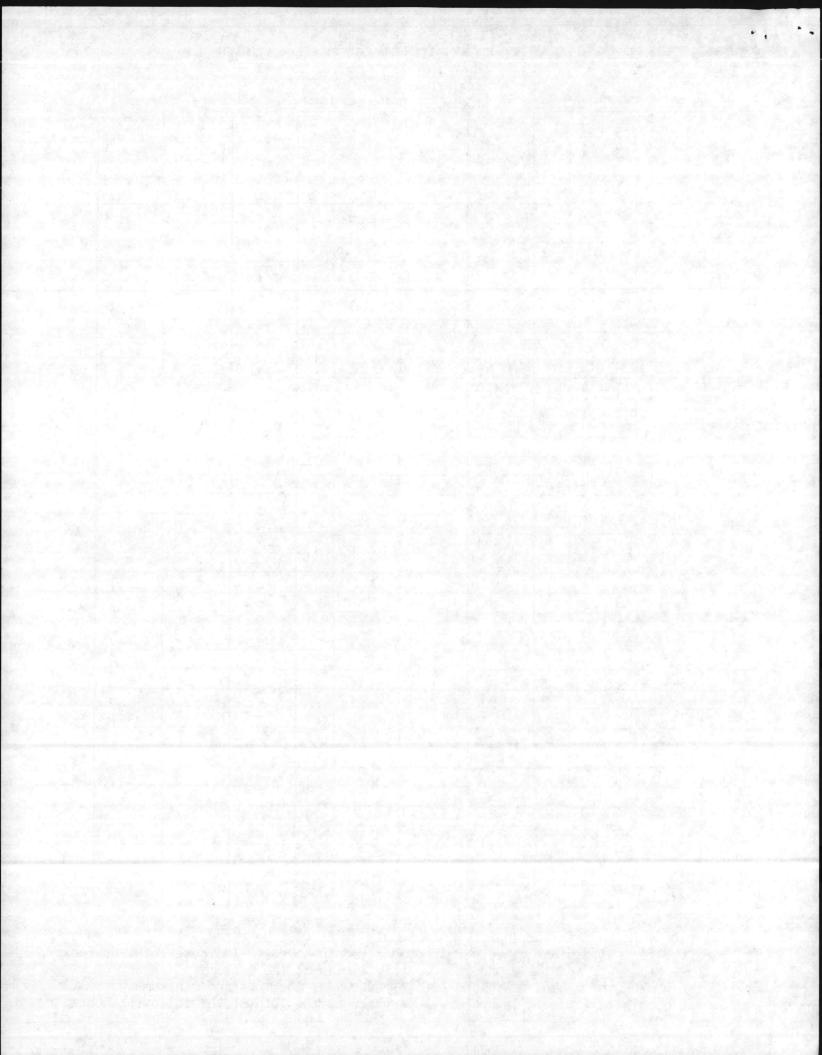
LANT	TARAN	A, TG	RRA	ce	MFUES	PERMIT NO			MONTH M	AY	1987
	5 DAY 20°C BOD			Annonia	00530			•	OOK6 4	TOTAL	00665
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EMPLUMENT Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	EFFLIENT NF/100 ML	EFFURIT Mg/L	EFFWENT Mg/L	FATLUENT MG/L
1	212	9	96	2.4	134	10	93	4			John Spec
2		47.			A STATE OF A						
3											
4	184	13	93	. 3.4	102	12	88	2			100
5	236	12	95	1.9	168	13.	92	٥			6.6
6	220	12	95	2.6	96	5	95	0			
7	284	12	96	9.0	446	11	98	0			
8	184	. 15	92	3.4	120	15	88	0			
9											
10	Mile Transport		Sec.								
11	192	12	94	. 3. 4	124	12	90	0			
12	208	12	94	2.7	134	7	95	0			
13	822	8	96	2.6	207	7	93	0			
14	180	10	94	6.5	112	13:	88	4			
15	260	8	97	3:1	193	13	93	0		of the late.	
16											
١٧											
18	345	10	97	2.3	350	2	99	0			
19	220	12	95	2.1	164	4	98	2		Paras ha	
20	212	12	94	3.0	122	6	95	0			5.3
2.1	232	10.	96	5.6	122	4	97	0	0.		
22	204	11	95	4.2	117	8	93	0 1			
23							15 1	71.40	. 1		
24					1			1			
25	HOLIDAY						-	\rightarrow			
26	022	12	95	2.4	132	5	86	0	2.3		
27	168	/4	94	2.7	78	7	9/	0			
28	216	12.	94	2.0	104	10	90	0		·	5,5
29-	212	12	94	3.6	83	7	92	0		9.22	
30											
31			200				Mary 144 Y		Sangha San	_	
TOTAL	4411	224	1	8.90	2998	171			2.3	9.22	
VERAGE	122	, 11	95	3.3	150	9	94	1.23		9.22	
MUMIXAL	345	15		9.0	446	15		4.	2.3	9.22	6,6
MUMINI	168	8	Min. b	1.9	78	2	K SA		0	9.22	5, 3
(e) gas	C	C		C.	C	C	34	G	G	C	C
Marry 44		30.	1			30	A PLAN	1000	30		

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TMT						PERMIT NO	3011		MONTH	1987	
	5 DAY 2	0.C 20D		Annonia		1530 WDed Re	BUE	COLIFORM	OUL + CEEME	COLOO TOTAL NITEOGEN	TOTAL PHOSPHORAL
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EMPLUENT Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	NE/100 ML	EFFURINT Mg/L	EFFWENT Mg/L	MG/L
1	324	16	95	6.6	148	7	95	0			7.1
2	Telephone September						1110	100	C. Marin		32.0
3								5.4			
4	810	15	98	4.6	505	5	99	.0			
5	All and the							T. A. Trick	2.8		158
6		Mr. S. S.			1000		egal Sa				3 64
7	Angles 1 so										
8	160	14	91	6.0	158	6	96	0			
9											
10							100				
11	84	10	88	6.6	34	8	76	0			1.0
12								100			
13											
14						t.				17	,
15	144	17	88	6.4	128	8	94	CIE IN SAMPLE			
16		127 1 5 44									
۲)											
18	156	22	86	6.8	100	4	96	0			
19											
20					,				3 20 4 22		
21									0.6		
22	116	14	88	6.2	68	7	90	0,			
23											
24								1.00			
25	HOLIONY	Ric E		100				-			
26	a plant is										
27			A STATE								
28											N.
29-	467	. 10	98	2.7	333	3	99	6			
30											
31						14					0.00
TOTAL	2261	118		45.9	1474	48	海		3.4		
WEEAGE	283	. 15	95	5.7	184	6	97	1.29	1.7		
MUMIXAN	467	22	1000	6.8	505	8	A PAR	6.	28		
MUMININ	84	10	15	2.1	34	3	建本地	0	6.6		
000 (c) (4) (4)	C	C		C.	C	C	1	G	G	Ç	C
Mounty	1 . 132	30	in .			30		14	30	N. C.	-

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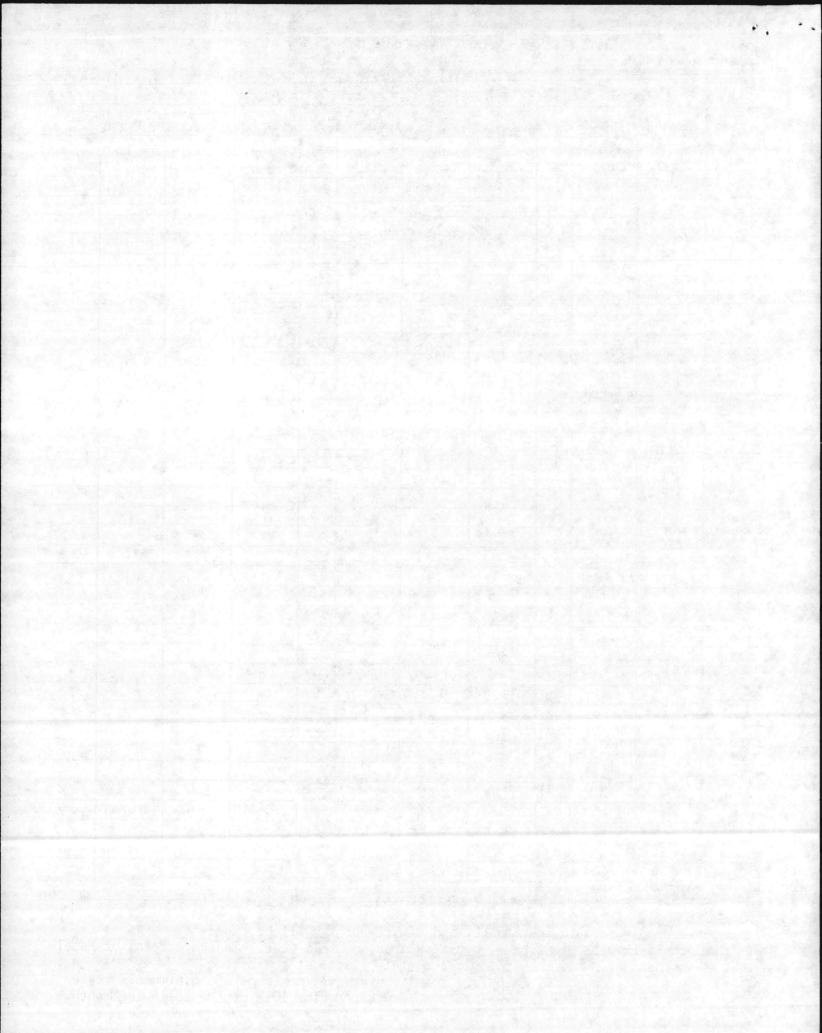


TMI	HAD	ENT EVELUENT Mg/L 9/8 Mg/L 56 12 92 4/2 12 90 4	NT	NPDES	MC00			MONTH M.	14	1987	
	5 MY 2	910 BOD		MMONIA		uded Re	BUE	COLIFORM	OUL + 6 CENSE	OOLOO TOTAL NITEOGEN	TOTAL PHOOPHOEOU
DATE	INFLUENT mg/L		%	EMPLUENT	INFWENT Mg/L	EFRUENT mg/L	%	EFFLIENT MF/100 ML	EFFURINT Mg/L	EFFWENT Mg/L	FATLURATE MG/L
1	156		-	4.8	94	5	95	0			
2	A A STATE OF	1	1								The Real Control
3	100000000000000000000000000000000000000										A The
4	124	12	90	40	100	/0	90	0		Lips g reg	
5	168		_	4.9	110	7	94	0			4-9
6	176	12	93	4.6	120	6	95	0			
7	136	/0	93	4.4	128	8	94	6			
8	168	. 15	91	4.8	108	11	92	0	Self agreement.		
9	100					Usuah King	1,5838	S. S. N. U.A.			
10	180 160					`	4		50 7 25 51		
11	120	10:	92	3.9	102	10	90	0	0.3	d 1	
12	124	12	89	4.1	92	7	92	0			
13	136	10	93	5.1	100	5	95	0			
14	204	14	93	5,3	118	13	89	0			
15	148	14	91	4.9	118	19	84	0			
16							84.5			•	
17							-				
18	136	16	88	3.8	104	11	89	6			
19	216	ZZ	90	4.3	112	11	90	0			
20	180	23	87	5,3	138	13	91	0			4-9
21	256	/3	95		134	14	89	G	3./		
22	152	22	86	. 4.7	88	18	80	0,			
23											
24								7			
25	HOLIDAY					1 10 100		Carlo		1, 11	
26	312	18	92	2.6	144	12	92	0		1.0	
27	168	17	90	3.9	116	11	91	Z			
28	188	19	90	47	124	16	87	0			4.9
29-	216	23	89	5.2	235	18	92	2		16,21	
30		desire in the									
31								27.7			
TOTAL	3484	305	187 M	91.1	2385	225	THE STATE		3.4	1621	14.7
AVERAGE	1-	. 15	91	4.6	119	11	91	1.28 4	1 1.7	16.21	49
MOWIXAM		23	300	5.8	235	19	1		3.1	16.21	4.9
MUMINUM		10	415	2.6	88	5	城市的		0.3	16.21	4.9
(2) GASS	C	C		C.	C	C	· day	-	G	C	C
Mounty	A. A.C.				11/1/2	30	4年後	14	30		-

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TMAR	RIFLE	RAN	GE		NPDES	NC00	630	37	All the second second	144	1987
	5 MY 2	0°C 50D		Amnonia		SSO WDED RE	BUE	COLIFORM	OIL + GEENSE	COLOG TOTAL NITEOGEN	TOTAL PHOOPHORAL
DATE	INFLUENT mg/L	EFFLUENT Mg/L	%	EMPLUENT Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	EFFLUENT NF/100 ML	EPFLIELUT Mg/L	EFFWENT.	MG/L
1		- 2. 7. 3.		0.50				1100.00			
2					100			124	A DISA CO.		. 40
3								- 4	1		
4											
5				French Men	File of Control				10-10-12-12		
6	56	8	86	0.66	74	4	95	0			
7											
8							Land 1				
9				d dec as							
10	F- 1308										1000 美丽三
11					19150				0		
12						100 m					
13	52	5	90	0.14	100	3	97	0			
14						, (,					,
15							•				
16				HE SEC.							
17											
18											
19											
20	48	5	90	0.35	82	4	95	0			1.4
21			1	111111							
22									1		
23			7.2				12. 3				
24								1			
25											
26									0.		
27	32	2	94	0.26	142	3	98	0			Service Control
28		y 180									
Z9-				Company of				i i i		las .	
30	17 . 197										
31								C. Company			
TOTAL	188	20	4	1.41	398	14			0		1.4
WEENCE	47	5	89	0.35	100	4	96	0	0		1.4
MUMIXAN	56	8	.7.7	0,66	142	4	177		0		1.4
MUMINUM	32	2		0.14	74	3		0	0		1.4
(c) 649 (c)	C	C		C.	C.	C	1	G	G	G	C
MONTHLY	TO BE A ST		4			30	1000		30		-

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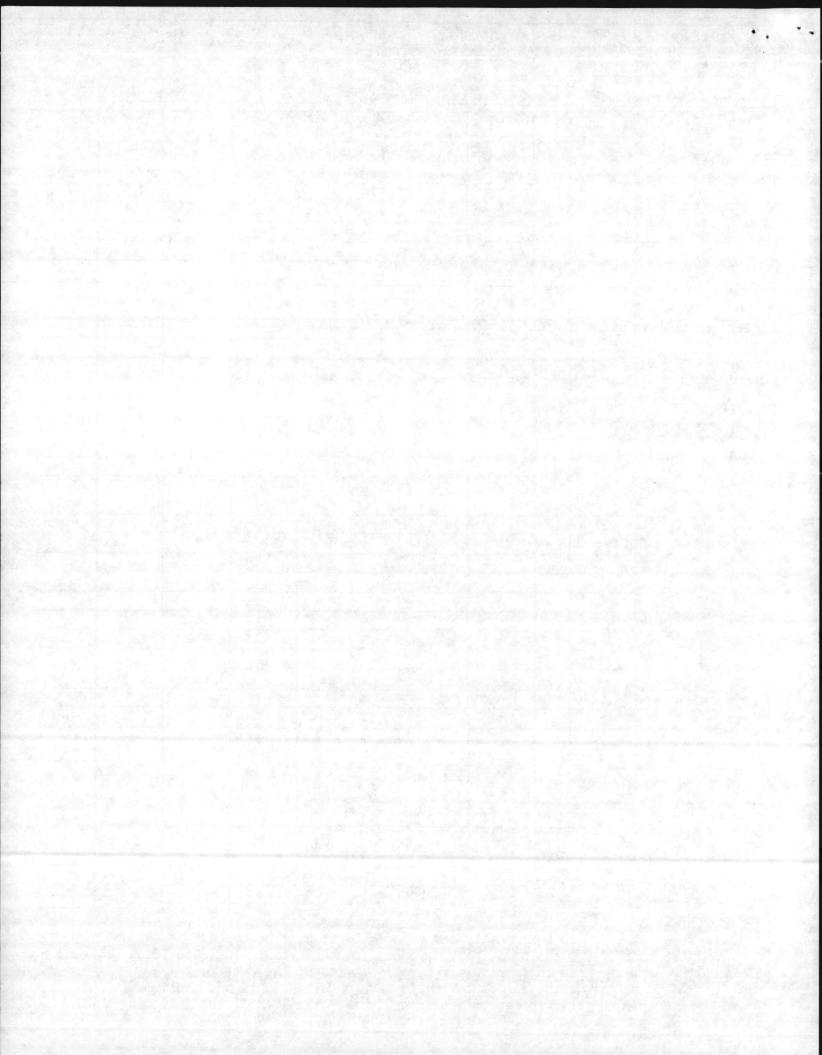
TANT	COURTH	W & C	BA	-		PERMIT NO		Control of the second		44	1987
	5 MY 2	10°C 20D		Annonia	TOTAL SUBPE	1530 NDCD RE	SOU E	COLIFORM	OUL . CEEPEE	COLOG TOTAL NITEOGEN	TOTAL PHOEPHORAL
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EMPLUENT Mg/L	INFWENT Mg/L	EFRUENT mg/L	%	EFFURIT NE/100 ML	EFFLUENT Mg/L	EFFWENT Mg/L	EAPLURAT Mg/L
1											1 1
٤		9-13	10	out sale of	1.00			a nong		, , , , , , , , , , , , , , , , , , ,	1.00
3		16.				100		184 34.95			in .
4		1 1		West.						1 1	
5	124	7	94	0.69	58	14	76	0			1.4
6		12.0			1	N. Hogg					
7			- 10			J. 30 10		The same			
8			-435								
9					1		1000				Landa et La
10			100			•					
11				47.50					0,5		
12	72	6	92	0.44	40	3	93	U			
13							1				
14			٠.	v 2.		- 14		•			T .
15		The state of	1.5				•		Child a	1.23	
16											4.
17				100	E HOLE TO		29-10		1200		E. Miller
18				A34 38 5						V 1	
19	72	5	93	0.22	38	4	89	0		1.5	
20										10.5	
21											
22											Error
23		11/3/5/4									
24								7			
25											
26	104	5	95	0.19	54	/	88	0	0.4		
27			7			1 1 1 1 1 1		APT N			
28								100 2 00 200	Province of		100
29-	V 12										
30											The Late of the A
31			7.45			and the same			Li Berry		
TOTAL	372	23	162 7	1.54	190	22	1月15	0	0.9		1.4
VERACE	93	6	94	0.39	49	6	88	0	0.5		1.4
MUMIXAN	124	7		0.69	58	14	NO H	0.	0.5		1.4
MUMINUM	72	5			38	1	Replay	٥	0.4		1.4
(c) 843	C	C		C.	C.	C	1		G	C	C
אינותיים	A STANCE	30	o de		N. M. Strange	30	新年	14	30'		C

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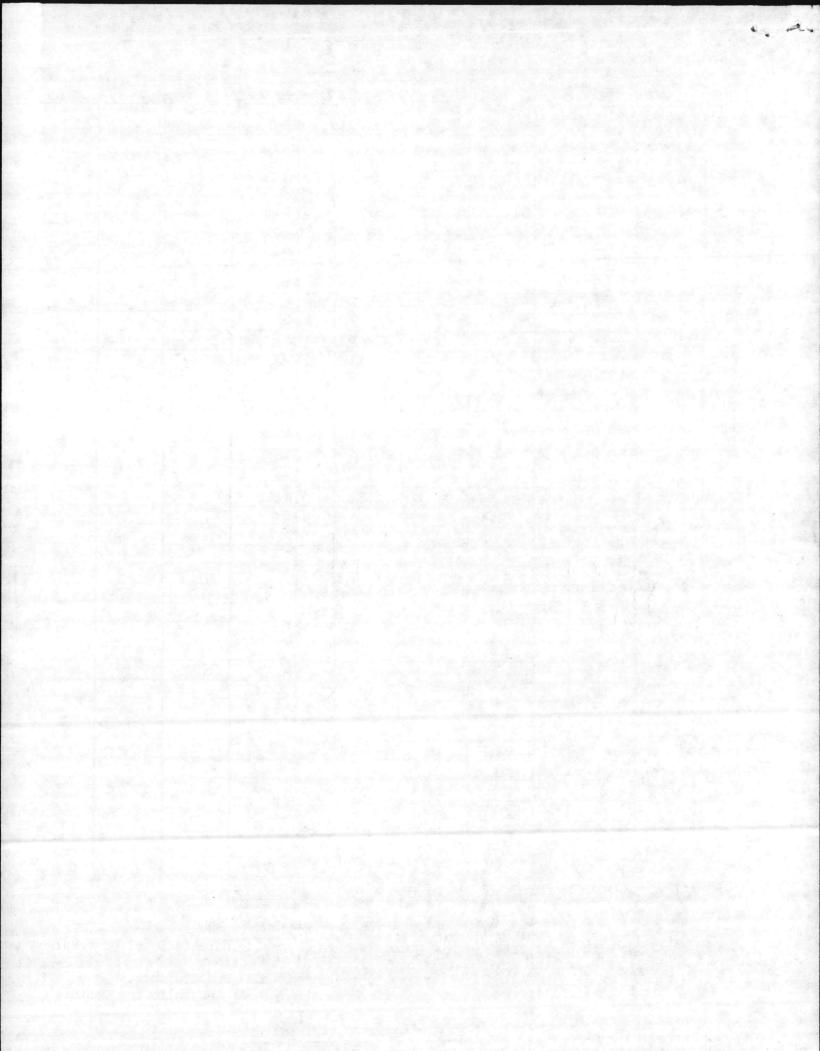
 3. At the end of the month, calculate totals, averages, maximums and minimums.

 4. Submit completed forms to laboratory supervisor by the 10th of the following month.



TANT	ONSLO	w BE	ACH			PERMIT NO			MONTH M		1987
	00	310		Annonia	00	SãO NDED RES			00664 OIL + CEEME	OOLOO TOTAL NITEOGEN	00445 Total
DATE	INFLUENT mg/L	EFFLUENT Mg/L	%	ENFLUENT Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	EFFUENT MF/100 ML	EFFUENT Mg/L		FEATLURNT MG/L
1		100			1000						
2											
3					W-85-ps-				Page 1		
4			18.7		And the same of	1000					
5			1 3						AS W. M.S.		er arre savi
. 6	1 1 1 m 1	7 - 1 - 1						7			
7	327	8	98	0.21	565	11	98	0	1		A section
8											
9											The Control
10									A Part of the Part		
11						d			5.1		
12											
13			eta eta								
14	176	9	25	. 1.50	162	13	92	Ö			
15							•				
16	ether sta				1.56						
17			18 38								
18										+ 1	
19											
20	To (all)		e asi						7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
21	195	8	96	0.60	142	5	96	0			
22											
23				1000			1.91				
24								1			
25										Spirite to	· Mary
26			Sur						0.5		
27											
28	196	8	96	0.22	90	6	93	0			3,4
29-	Sandaria de				7				Property.	17.92	
30	Hall ogs	distribution in the	Mar.			plyer .					
31			11.00							a fina t	
TOTAL	894	33	de A	2.53	959	35	CALL,	0	5.6	17.92	3.5
VERAGE	224	8	96	0.63	240	9	96	0	2.8	17.92	3.4
MUMIXAN		. 9			565	13	AN H	0.	5.1	17.92	34
MUMINUM		_		0.21	90	5	Regard	0	0.5	17.92	
000 (c) (LAB (G)	C	C	Tr. V	C.	C	C	1,4		G	Ç	
youthat	13 K 1			- KI - 494	The State of	30	神場		30		1

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From: 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)

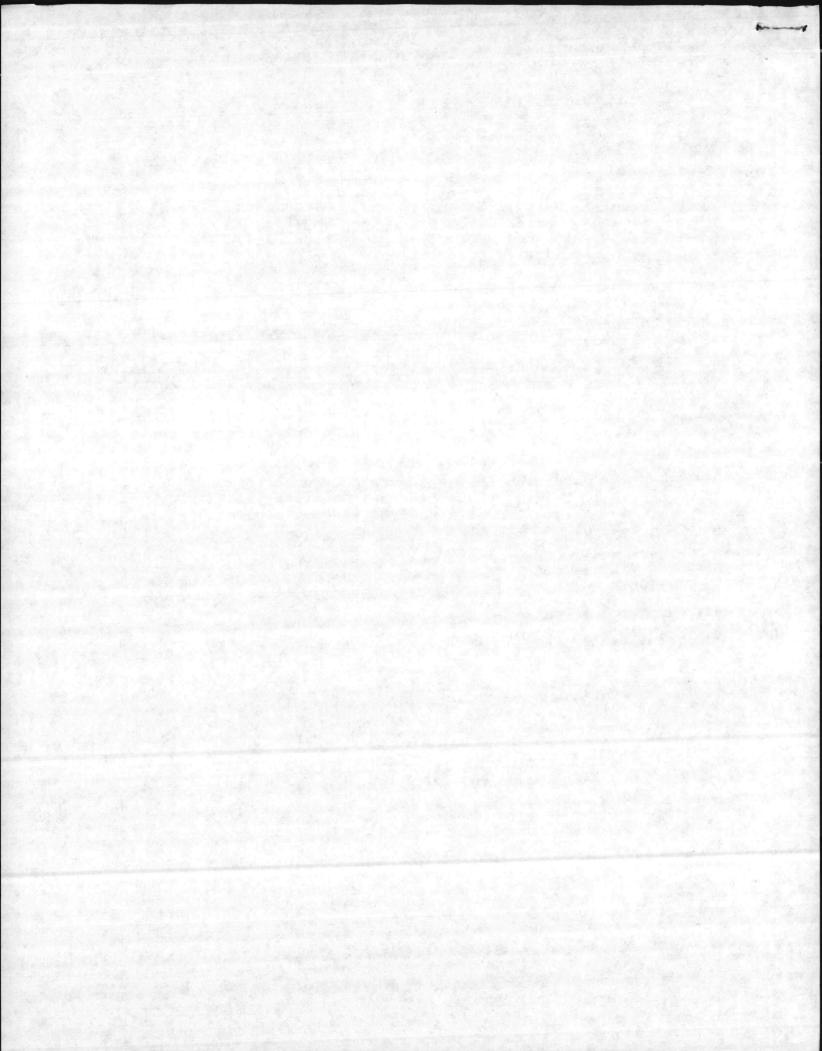
PERMIT RELATED REPORTING DATA

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

- 1. It is requested that the enclosure be routed to the Utilities Systems General Foreman. The enclosure summarizes 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 April 1987.
- 2. Questions regarding the enclosure should be forwarded to the Supervisory Chemist, Environmental Chemistry and Microbiology Laboratory, Natural Resources and Environmental Affairs Division, x5977.

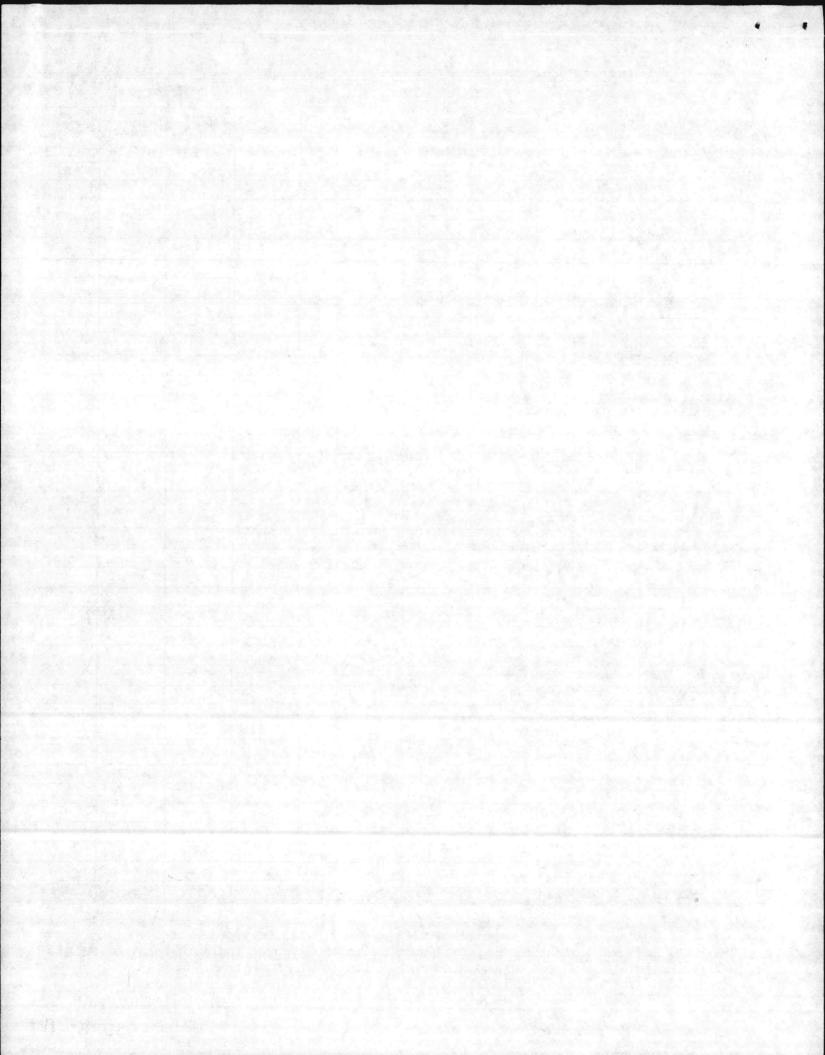
- J. I. WOOTEN

Blind copy to: EC&MS (2)



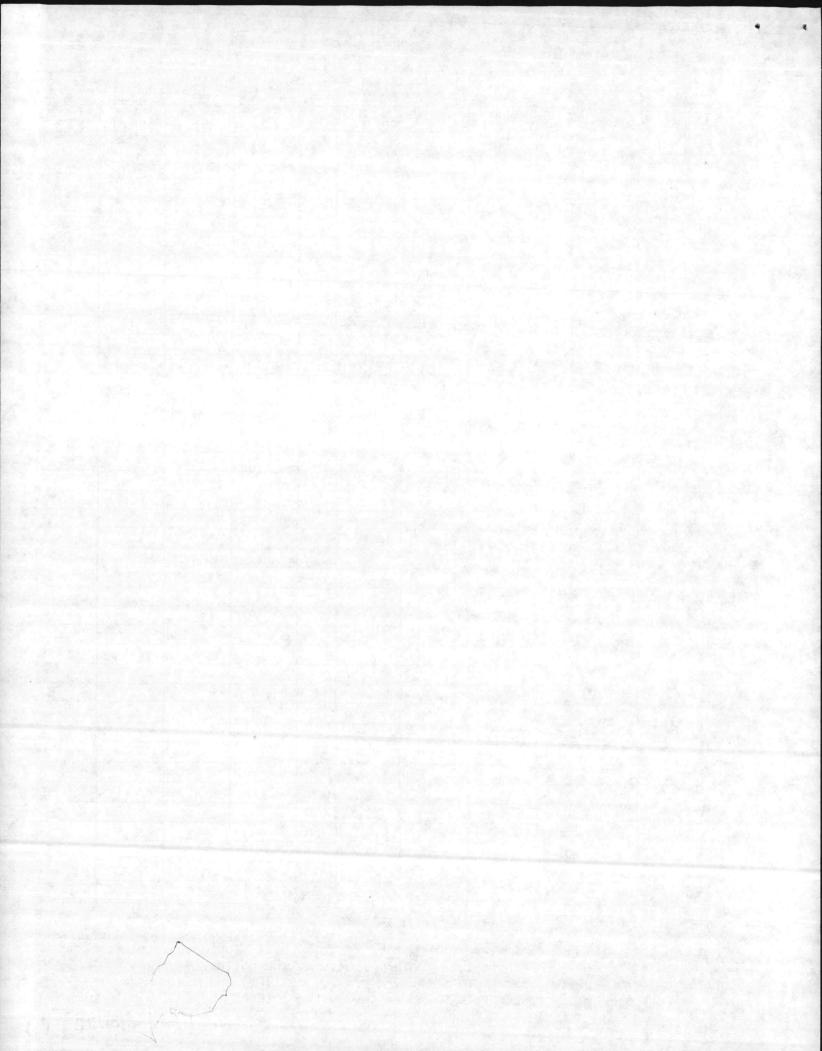
TANT C	PAMP	ZNHOT	0~		NC	PERMIT NO 00630				PRIC	198
	5 DAY 2	0.C 20D	1	Amnonia	TOTAL SUGPE	530 NDED RE	DUE	COLIFORM	OIL + CEEPPE	OOGOO TOTAL NITROGEN	TOTAL PHOOPHOROU
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	Mg/L	INFWENT Mg/L	EFFLIENT Mg/L	%	EFFLUE NT	EPPLIFENT Mg/L.	EFFWENT Mg/L	EARLURAT MG/L
1	1000		100	4 19 7 19	100000000000000000000000000000000000000		17.5		The second	7	
2						33 - 47	7.				
3	340	26	92	10. Z	126	12	90	2			
4							100				
5							Segler 3				
6	200	15-	93	6.6	134	14	90	0	12-14-12-12		
7											
8							100		5.7	GM (5-1-1)	
9				# . 15		1,8					
10	152	21	86	0.12	182	16	91	0			
11											
12											
13	208	13	94	6.1	102	5	91	0			(A)
14											
15				A STATE OF THE STA			1				
16										3.5	Page 1945
17	176	19	89	8.2	116	7	94	0			
18											
19				4							
20	180	10	94	3.3	82	4	95	0			4.6
21							28.5 1	(9)			
22										M - 1 - 5	
23											
24	368	18	94	6.8	214	7	87	10			
25				- 34 1			Lips 2				1
26			1000								
27	150	14	91	4.6	246	6	97	0	0.3		
28	- 49 h								4 4 7 4 7 7 7		
29-	100	Participal Property	11		N 16 200	dis-		1 / 18		Post is	
30	And the feet of the		and Magain								K. H. T.
31					11.12				100 100 1	Maria .	
TOTAL.	1714	136	MAY X	45.9	1202	75		-	6-0	150.40	4.6
VERAGE	214	17	92	5.7	150	9	94	1.09	3.0		4.6
MUMIKAN	340	26		10.2	246	16	1		5.7		4.6
MUMINUM	152	10		0.12	.82	4	地南部	4	0.3		4.6
(c) (AB	C	C		C	C	C	1985		G	C	C
MOUTHRY	MA	30				30	引到了	14	30	-	

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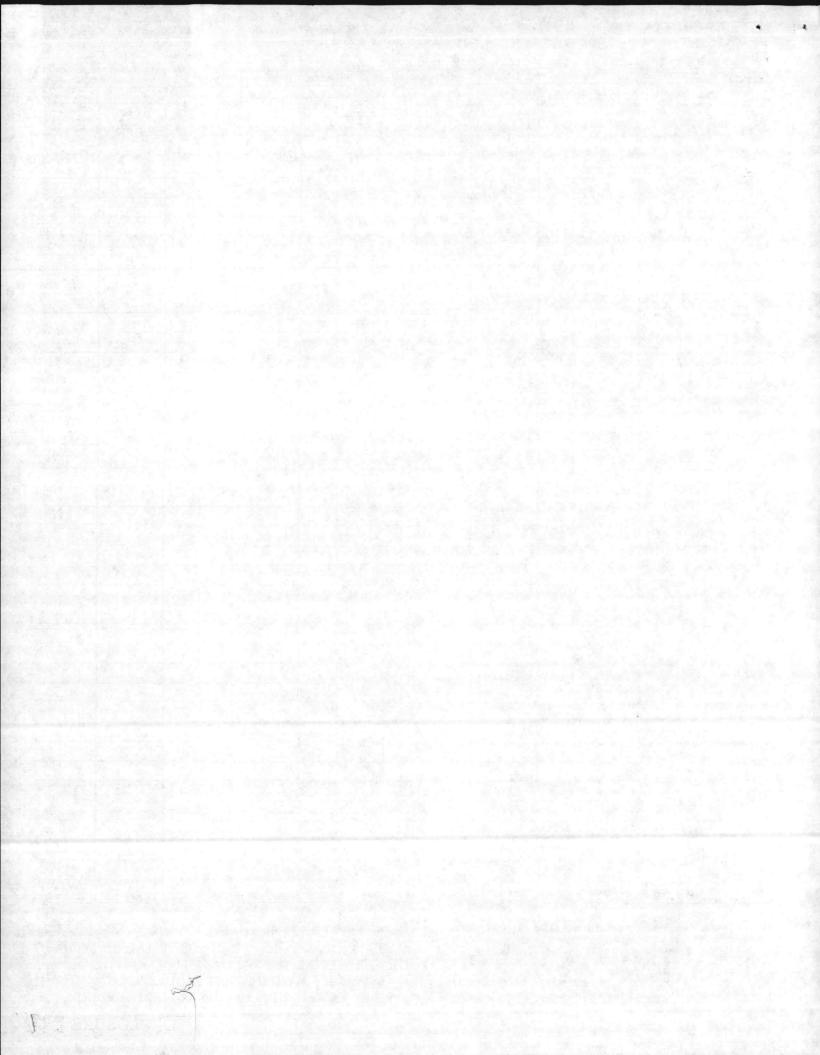
TMI	ONSLOW	J BE	ACI	4	NO	PERMIT NO	. 53		APRIL		1985
	5 MY 2	310 BOD		Mmonia	TOTAL SUBPE	1530 NDED RE	BUE	COLIFORM	OUL - CEEPEE	OOGOO TOTAL NITEOGEN	COULS TOTAL PHOOPHORAL
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EMPLUENT Mg/L	INFLUENT Mg/L	EFRUENT Mg/L	%	ME/100 ML	EFFURINT Mg/L	EFFWENT Mg/L	MG/L.
1		-						1,133,133			
2	336	10	97	0.43	112	14	88	0	Decision Laboratory		
3		29000	1								
4										for the	
5		Market 1		Waste No.	10.1						
6											
7	Tage TV										
8		19.5								199	
9	76	1	99	0.73	112	11.	90	0	region , etc.	PARCHAUS F	
10						100					
11											
12											
13				1982							
14	1.00	14 14 4			_				4.44 4.5		
15					/		•				
16	120	8	93	0.78	64	8	88	0			
17											191
18						1.00			1475	1.55	
19									200		
20				Secretary of				4 1 2 2	The state of the		
2.1									0.2		
ZZ						1.00			A STATE OF THE STA	1,07	1.00
23	108	7	94	0.74	188	7	91	20	3.95		
24)			
25										95	1.08
26	L 15- 3									100	
27						•			1	100	The Control
28					g 2 5 7 3 6 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				+		
29-			-					-			
30	232	14	94	1.59	46	8	89	0	1.9	A	
31			1			Carlo madicio	PASE PAS				
OTAL	872	40	Aug	4.27	522	48			2.1		
VERAGE	174	8	95	1.07	104	10	90	0	1.0		
TAXIMUM	-	14	1118	1.59	188	19	1	0	1.9	100	
MUMINI	76	1 1		0.85	46	7	1000	-	0-2		
eab (c)	C	C		C	C	C	110		G	C	C
Mariner .	1000	30	240			30	3 1/18	14.	30		

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TMI	RIFLE	RAM	UG (=		NPDES	COOG30	37		MONTH APIZIL YEAR 19		
· 187	5 MY 2	000 BOD		Annonia	TOTAL SUBPE	530 NDED RES	BUE	COLIFORM	00866 OIL • GEENSE	OOLOO TOTAL NITEOGEN	TOTAL PHOOPHOEAL
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EMPLUENT Mg/L	INFWENT Mg/L	EFFLUENT Mg/L	%	REFLUENT NE /100 ML	EFFWENT Mg/L	EFFWENT Mg/L	ENLUMNT Mg/L
DATE	60	7	8	0.89	182	6	97		1.0	5/2	3,2
2	60	1	6 8	0.07	182	6	//	0			
3	1000	148	AN feur				Carrie III Straig				
4			20, 1000	and Salary			1				
5					•		7- 79			15.0	
6					The same of the						7.
7								10.090			
8	80	1.8	90	0,38	116	4	97	0			400
9	1 00		10	0,0	100 3.76.75.44		1			- 70	
10				100 St. 100	9.5	`					Sec. 2.
11	1462			表示: Tr & Mes							Carlo and a second
12			1								
13										2	
14									3.9		
15	48	6	88	1. 33	108	8	93	0			
16								10.00		9.14	Mark 1
17				124							
18											
19					国来学师						
ZO											
21											
22	36	3	92	0.40	214	2	99	0,			
23	100										
24		100						1			
25											
26											
27											
28											
29-	72	7	90	0.43	140	11	92	10			
30			100		2.18				2-1		
31											
OTAL	296	3/		3,43	760	3/			6.0		
VERAGE	7-0	6		0.69	152	6	96	1.78	3. d		See See
Nowixan		8	Nach	1.33	214	11	NO.	10	3.9		· At
MUMINI	C3 S 15 Live 2	3		0.38	108	2	KE KAL	0	2.1		
(c) (AS	C	C	The second second	C	C.	C	141		G	C	C
Partity A	Apr. 1991			he grift a lee		30			30		12.00

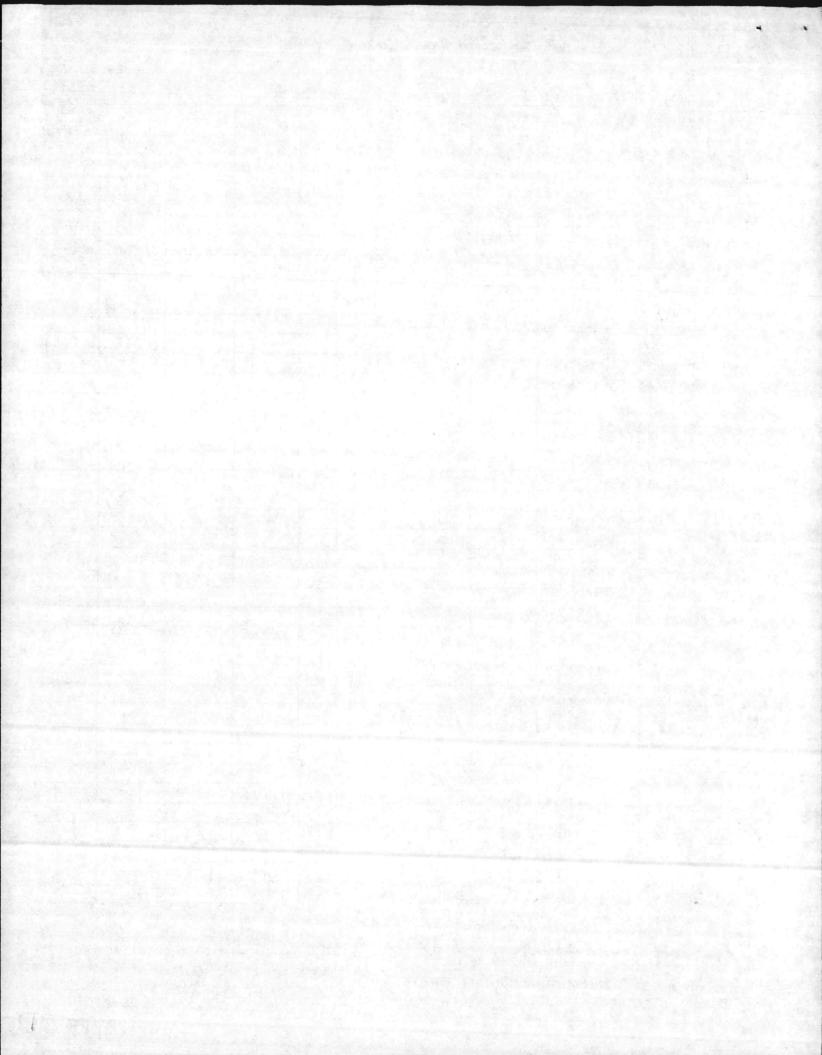
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ZANT C	OURT HO		344		NC	FEEMIT NO. 00630				PRIL	198
	5 MY 2	00° 00D		Munonia		1530 WDed Re	SOUE	COLIFORM	OIL + 6850E	COLOO TOTAL NITEOGEN	TOTAL PHOSPHOROL
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EMPLUENT Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	EFFLUE NT MF/100 ML	EFFURNT Mg/L	EFFWENT Mg/L	EATLURNT Mg/L
1.										the state of	
2					e 100 to		Victorial A	p to provide			
3						Way of	1				
4				4,44						Land Control	
5			PA-F	ar e	1000						100
6											R 10 3
7	72	7	90	1.7	74	8	89	0			1.7
8											Consultantian Co
9											
10		100			140 95						
11			p. del				`				ALL I
12									177		
13											
14	88	11	88	1.8.	60	8	87	0	5.6		
15					Branch Co.		•				
16											
۲۱		1 1 7 4									
18											
19											
20											
21	76	6	92	1.5	54	5	91	0	2.3	1.1	
22								,			
23									ar n		
24								1			
25					The Part of						
26											15/1001C
27											1000年
28	80	7	91	1.4	64	5	92	0		1.50	
29-				to the second							
30	August 180										
31					The Control					Company of the control of	A MARKET WITH THE
TOTAL	3/6	31	1733	64	252	26		0	7.9		1.7
AVERAGE	79	8	90	1.6	63	7	89	0	4.0		1.7
MAXIMUM	88	11		1.8	74	8		0.	5.6		1.7
MINIMUM	72	6		1.4	54	5	Report	0	2.3		1.7
Comp (c)	C	C		C	C.	C	144		G	G	C
Mounty	Will the	30				30	美国人	14	30		-

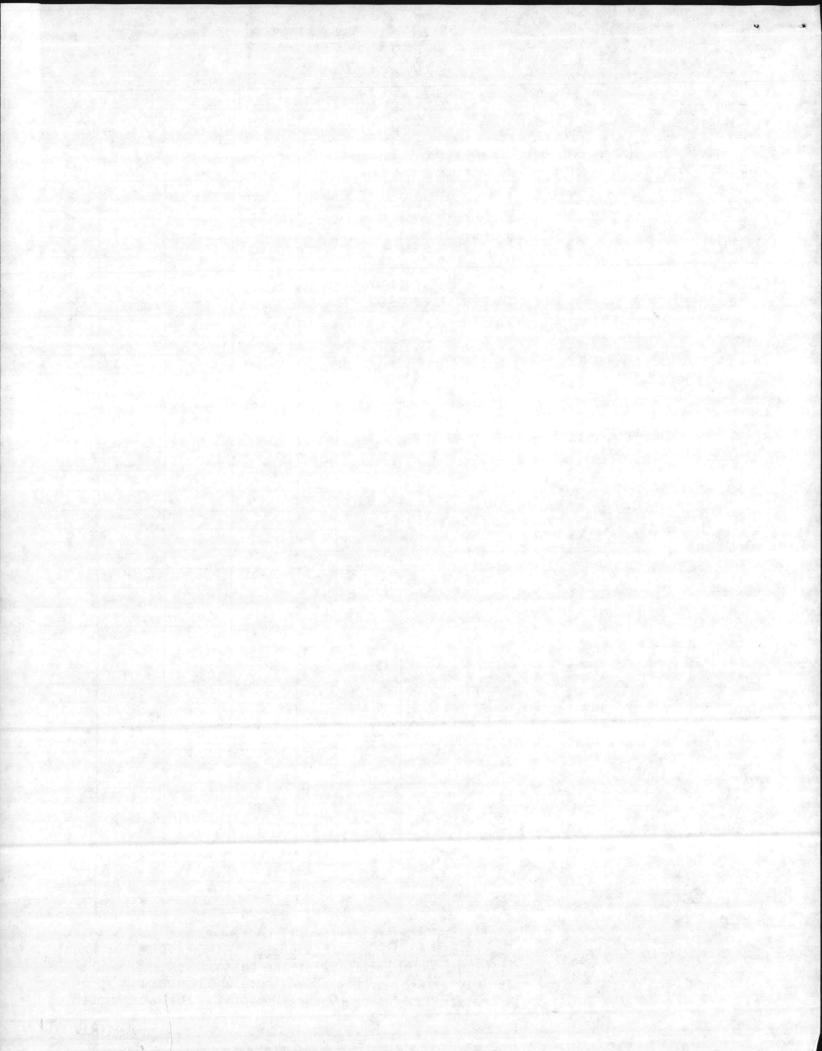
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THAT	ADNO	r Poi	Nr			PERMIT NO			HTHOM	PRIL	198,
		0°C 50D		Annonia	TOTAL SUBPE	530 NDED RE	SOUE	COLIFORM	00864 011 + 68585	COLOO TOTAL NITEOGEN	TOTAL PHOOPHORAS
DATE	INFWENT Mg/L	EFFLUENT Mg/L	%	EMPLUENT Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	REFLUE NT	EFFURNT Mg/L	EFFWENT Mg/L.	EARLURNT MG/L
1	120	14	88	68	146	12	90	0			
2	140	12	91	6.0	126	8	94	2			
3	160	14	91	6. Z	76	10	87	0		By 14 2 -	
4	dia and										
5								long.			
6	128	16	88	7.4	122	17	86	0			
7	120	18	85	6.9	142	10	93	0		- # · ·	4.6
8	177	. 20	88	8.Z	1.42	16	89	0			
9	100	10	90	6.9	82	11.	87	0	14.0		
10	136	21	85	The William Property of the Park	110	10	91	0			
11	1.50						•				
12											
13	108	16	85-	8. %	102	12	PF	Ø			
14	140	20	86	11.6	140	16	89	0			
15	172	15	91	8.1	162	14	191	0			P 497
16	140	14	90	173	120	9	93	0			división de
17	164	16	90	5.7	78	16	79	0			
18	107		1								
19								Luci S			
20	120	13	89	3.4	68	9	85	*			
2.1	160	14	91	5.0	160	14	91	0		14	
22	120	n	86	5.8	92	7	92	0.			
23	128	15	88	45	104	11	89	0			
24	176	15	91	6.0	106	11	90	10		10000000	
25	1.0						10			and the	
26				de Pagon.							
27	124	19	85	4.3	106	10	91	0		100	
28	128	14	89	6.1	158	8	95	0		15.8	
29-	128.	11	91	6.5	100	10	90	0	1000	14 An	
30	144	12	92	5.9	136	7	95	2	2.8		AND A CONTRACT
31		1	1	0.7	7 36				1,000		
TOTAL	3028	336	200	149.5	2578	248		-	16.8		4.6
and the	138	, 15	29	6.8	117	11	9/	1.13	8.4		4.5
AVERAGE	10 No.		22.3	12.3	162	16			14.0		4.6
MOMIXAM	176	20		3.4	68	7	To a	0	2.8		4.6
MUMINIM COMP(C)	100	10		0.7			, in I		1	C	C
Mounty	C	22	-	C	C	30	3 31 4		30	7	

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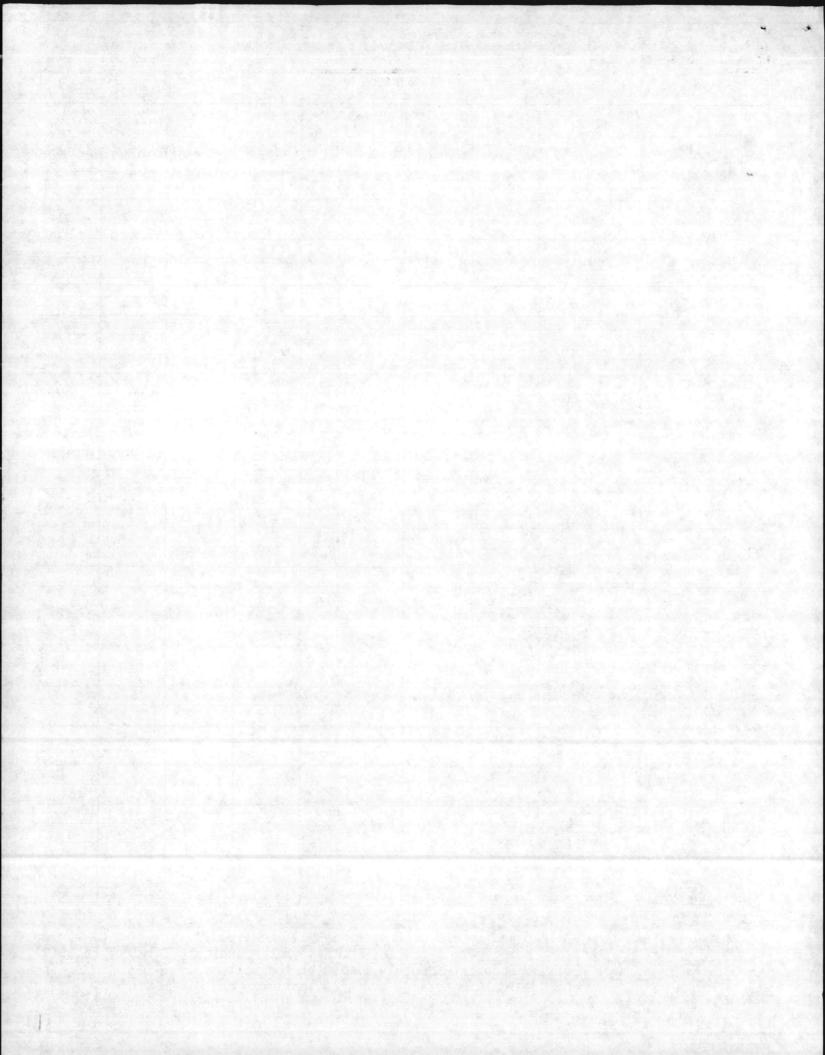


TANT	TARA	NA.	TER	RACE		106300			HTHOM	PRIL	190
	5 MY 2	0°C 50D	c sod		TOTAL SUSPE	530 NDCD RE	BUE	COLIFORM	00864 OIL + GEENSE	OOLOO TOTAL NITEOGEN	COLGES TOTAL PHOOPHOROUS
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EMPLUENT Mg/L	INFWENT Mg/L	EFFWENT Mg/L	%	EFFWENT Nº /100 ML	EPFLIFENT Mg/L	EFFWENT Mg/L	EAPLURAT MG/L
DAI-	204	13	94	3.8	164	//	93	0	1000	J	,
2	520	12	98	3.0	256	/0	96	0			S. Talking Spinski
3	380	13	97	4. 9	3/2	13	96	0			
4	1 00	13	1./	/. /	3, 5	/3	16		THE PARTY		ergis force
5		gradient bestellt	20 1 19							100 100	
6	235	13	94	3.4	470	12	97	0			
7	420	/3	97	4.7	235	10	86	0			6.2
8	224	. 14	94	9.6	158	8	95-	2	5.7		
9	168	5	97	4.4	215	7.	97	0		re de la cr	E. 125.4 (1)
10	200	15	93	3.8	418	8	98	0			
11			1,2	AL WAY	,,,						
12		and wheel i								7 62	
13	360	15	93	3.5	1932	13	99	0		23.7	
14	273	17	94	3.7	228	17	93	0			
15	236	14	94	13.0	956	11	99	0			
16	440	12	97	2.7	1164	9	99	2	to half-con		
17	292	11	96	2.9	276	16	94	4			
18	100		1	See a see							
19											
20	240	12	95	2.5	94	5	99	0			
21	208	13	94	4.1	184	12	93	0			
22	164	11	93	9.2	88	6	93	0 1			
23	204	11	95-	3.1	112	8	93	0			
24	Z60	11	96	3.6	192	5-	97	12			
25											
26											
27	200	12	94	3./	114	3	97	Z	0.3		
28	224	12	95	4.8	122	4	97	0	X 10 No.		
29-	2 28	12	95	7.2	146	10	93	Z			
30	200	10	25	2.6	120	6	95-	0	No. of the last		
31	200		1474		-	Maria Maria		Section 1			
OTAL	5880	27/.	the la	103.6	7956	204	: Disk		6.0	14.5	6.2
VERAGE	267	17	96	4.7	362	9	98	1.25	3.0		G. Z
TAXIMUM		17	_	13.0	1932	17		4	1.5.7		6.2
MUMINUM	164	5		2.5	88	3	Resid		0.3		6.2
eap (c)	C	C	1	C	C	C	T also		G	C	C
CO GAS	12.12.13	30_				30	10/4		30		

- 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.

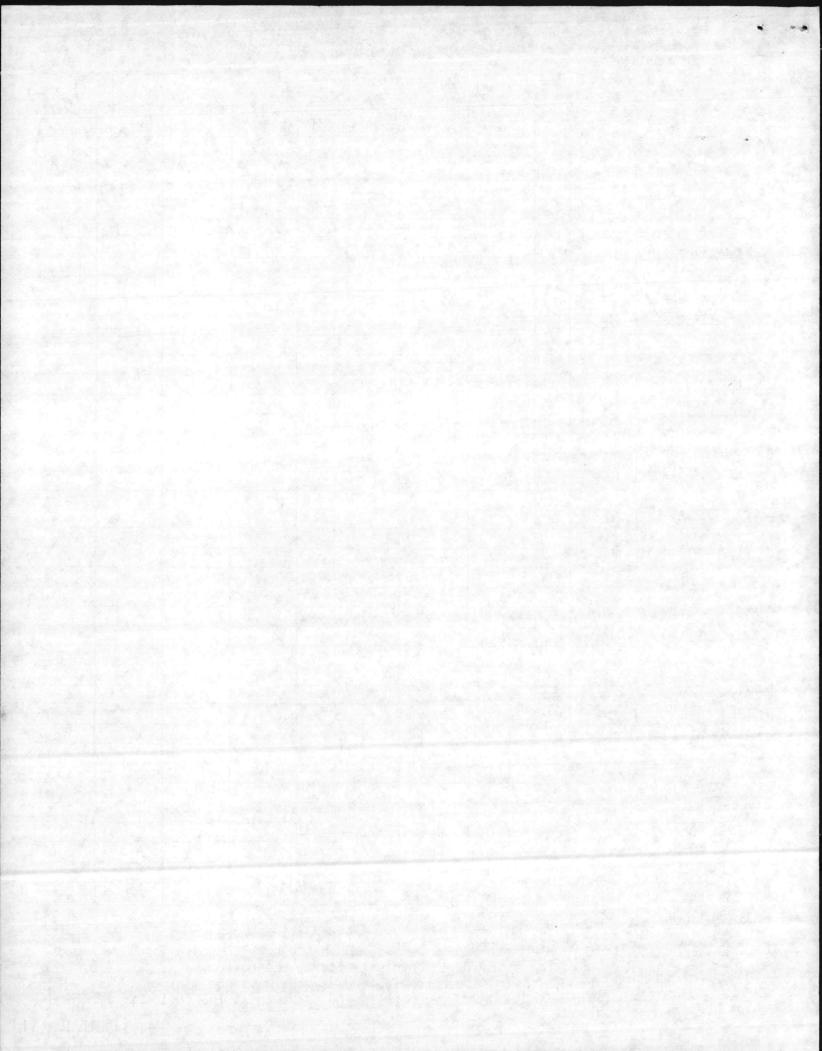
 3. At the end of the month, calculate totals, averages, maximums and minimums.
- 4. Submit completed forms to laboratory supervisor by the 10th of the following month.

ENCLOSURE III



PLANT	CAMP	o GE	IGE	R		TERMIT NO		4	HTHOM A	PRIL	198
		310		MMONIA	A CONTRACTOR OF THE PROPERTY O	1530 WDed Re	SOU E	COLIFORM	00864 OIL + GEENSE	OOLOO TOTAL NITEOGEN	TOTAL PHOOPHOROUS
DATE	INFLUENT mg/L	EFFLUENT Mg/L	%	EMPLUENT Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	EFFLUE NT	EFFWENT Mg/L	EFFWENT Mg/L	FATLURAT MG/L
1	164	7	95	14.1	112	5	96	0			
2	172	8	95	12.4	110	4	96	В			
3	340	26	92	12.0	126	12	90	2		10.7	and the second second
4											
5		The second of									
6	275	14	95	12.7	68	12	82	4			
7	300	17	94	13.1	158	7	96	6			1.6
8	293	. 16	95	18.6	228	8	86	2	42		
9	200	3	98	14.1	124	7.	94	0	and the second	N- W-	
10	148	15	90	15.8	110	7	94	0		Section 12	Feldin Texas
11											
12						termina est					
13	215	11	95	15.2	142	15	88	0			
14	390	23	94	14.3	176	15	81	0			
15	296	20	93	A STATE OF THE PARTY OF THE PAR	166	16	90	8			
16	204	18	91	12.6	204	9	96	0			
17	280	14	95	9.3	170	7	96	2			
18					1 4 52						
19											
20	230	14	94	12.3	152	5	97	0	100000		
21	308	18	94	11.5	140	12	91	0			
22	344	7	99	13.1	325	1	99	0,			
23	300	14	95	15.8	210	10	95-	2			
24	348	14	96	15.1	Sa8	6	97	10			
25											
26											
27	340	7	98	15.0	248	7	97	0	1.9		
28	348	22	94	15.1	260	9	97	0			
29-	220	24	89	14.0	234	14	94	0			
30	3/0	17	96	13.2	162	10	94	0			
31	A STATE OF THE STA	KAR N		THE SHAPE			1985				100
TOTAL	6025	329	清楚	305.6	3533	195			6.1.	and the state of	1.6
AVERAGE	274	. 15	95	13.9	179	9	94	1.33	3.0		1.6
Maximum	390	24	: Ma	18.6	Z60	15	16		4.2	100	1.6
MINIMUM	148	3		9.3	68	1	Kaka		1.9		1.6
COMP (C)	C	C		C		C	in		G	C	C
Mounty	150 mg		7		A Section	30	1		30		

- 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.





UNITED STATES MARINE CORPS NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIVISION MARINE CORPS BASE

CAMP LEJEUNE, NORTH CAROLINA 28542-5001

6286/1 NREAD 24 Apr 87

From: 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)

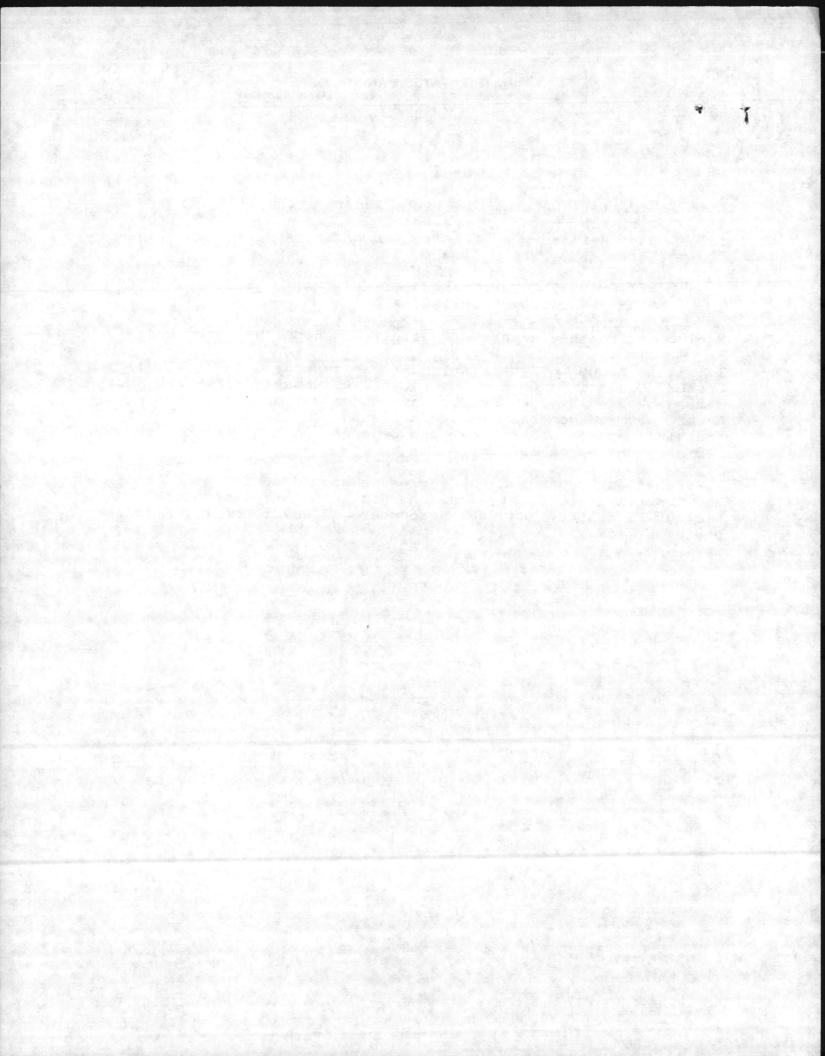
PERMIT RELATED REPORTING DATA

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

1. It is requested that the enclosure be routed to the Utilities Systems General Foreman. The enclosure summarizes 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 months of February and March 1987.

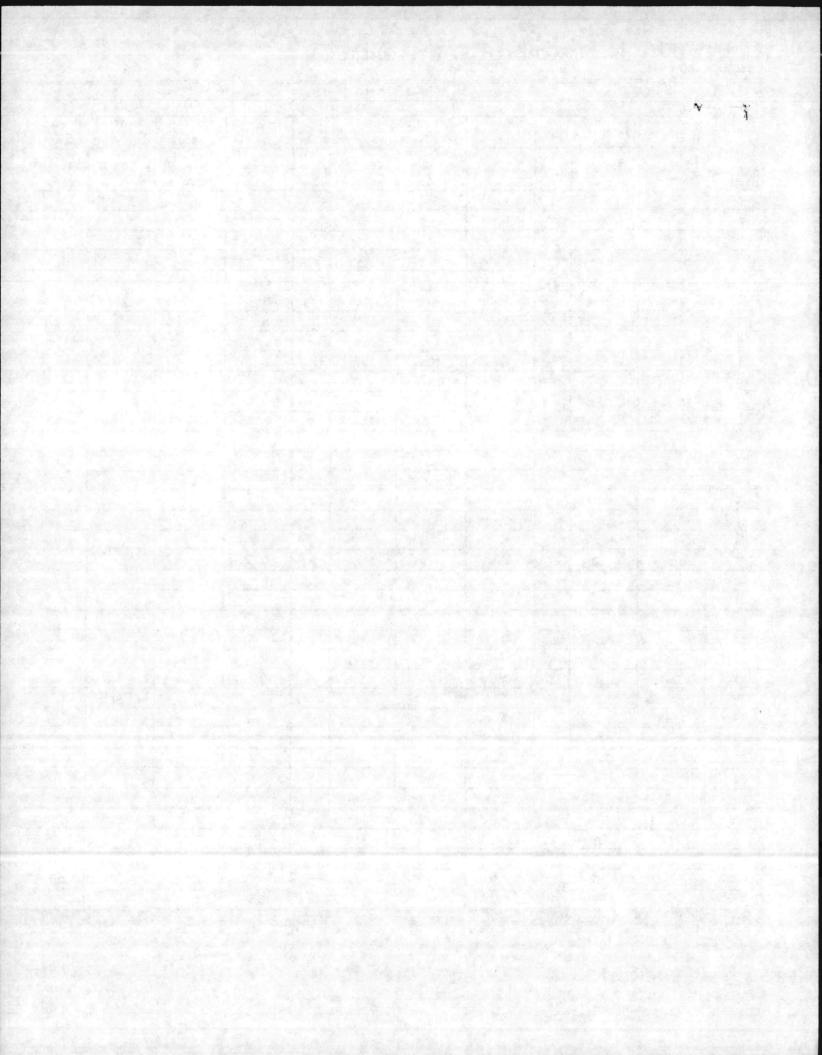
3. Questions regarding the enclosure should be forwarded to the Supervisory Chemist, Environmental Chemistry and Microbiology Laboratory, Natural Resources and Environmental Affairs Division, x5977.

J. I. WOOTEN

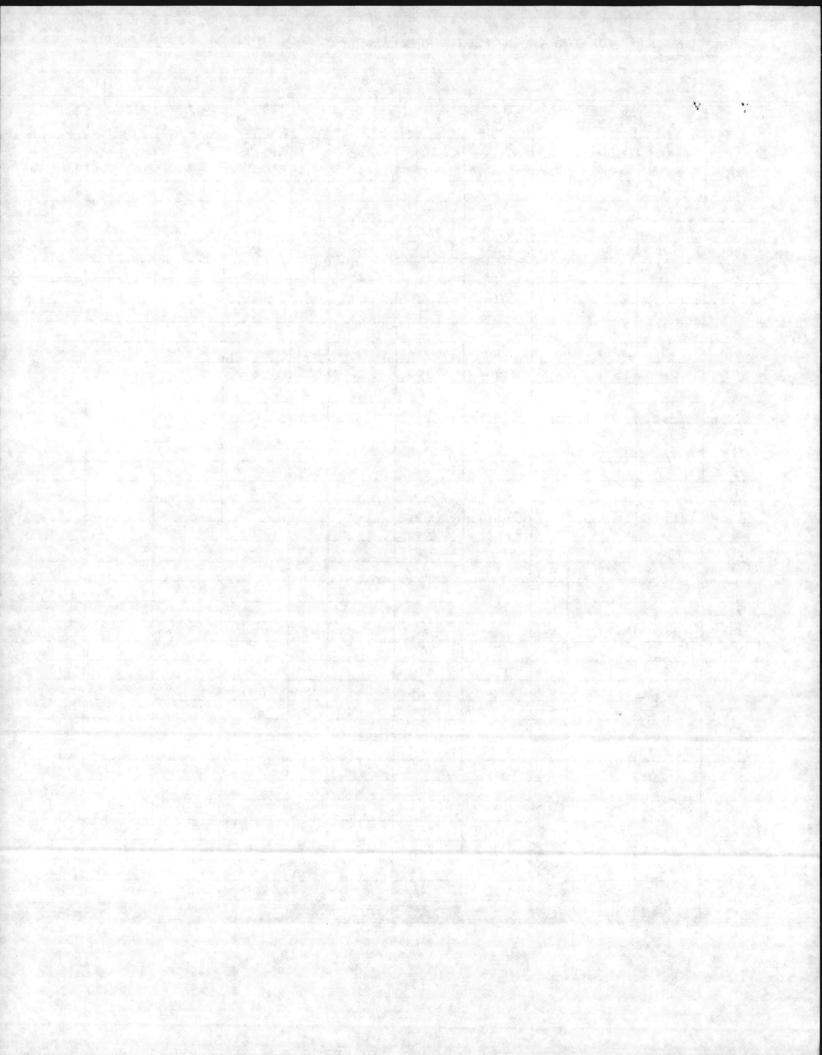


MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY MCBCL 11345/4 (REV. 9-86)

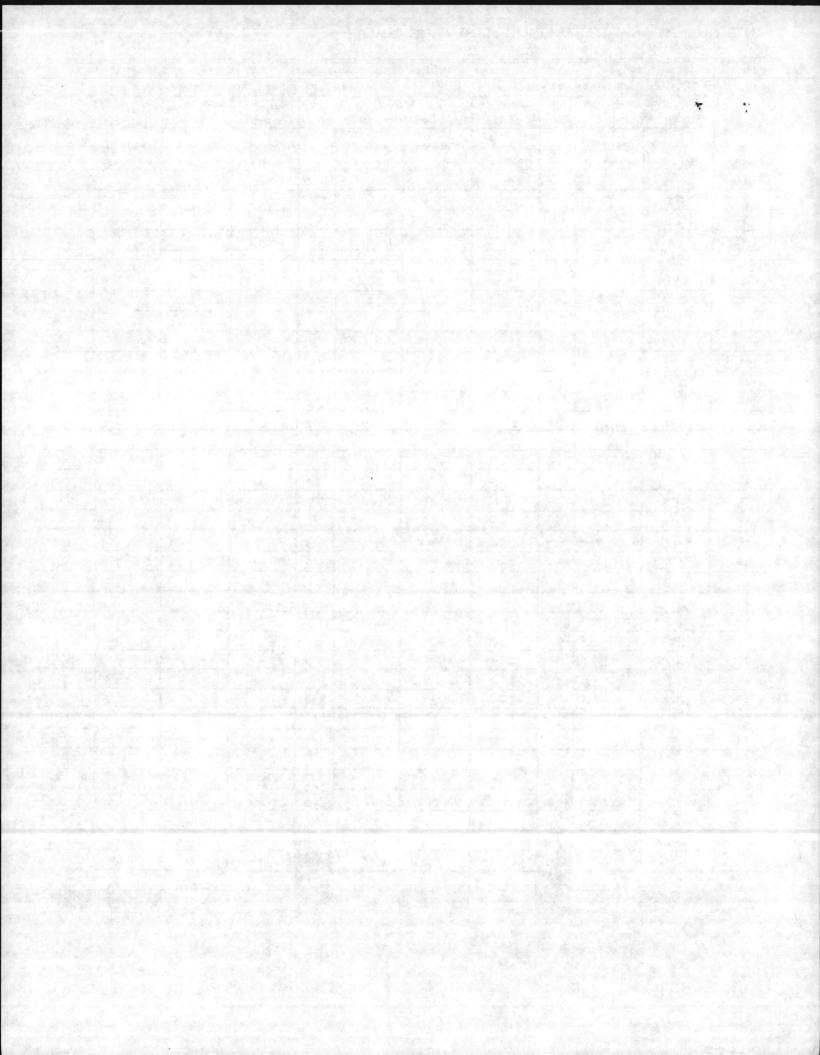
PLUT POINT						TERMIT NO 3029	MONTH Y		1987		
		5 MY 20°C 80D			00530 Total Subject & Rejoue			T/F COLIFORM	00864 011 - CEENE	COLOO TOTAL NITEOGEN	TOTAL PHOPHOPAY
	INFLUENT Mg/L	EFFLUENT	%	EFFWENT Mg/L	INPUENT	EFRUENT	%	EFFWENT MF/100 ML	EFWENT	EFFWENT	EMPLUENT
DATE	mg/c	mg/L	18	113/2	Mg/L	Mg/L	10	/100 ML	Mg/L	Mg/L	Mg/L
		-	100	17 0			0.2	a Line and			
3	104	21	(80)	4.0	78	6	92	12/4			
	124	26	(79)	4.9	144	9	94	10/0			-
4	152	22	86	5.7	. 98	8	92				
5	136	22	84)	4.8	98	1	92	200/0			
6	128	29	(77)	5.18	105	10	91	8/z		His Contraction	
7								20 A .			
8	7.46		_	1.0							
9	112	34	70	6.9	90	ŚS	(76)	2/0			
10	120	26	80	8.8	28	- 11	87	6/0			1000
11	108	26	80	8.2	66	7	89	0/5			
12	132	29	78)	10.1	80	10	88	2/0			
13	148	38	(74)	11.1	98	10	90	6/0			
- 14	1073	The second					1				
15			-								
16	100	21	(29)	8.2	82	9	89	10/4			
17	116	24	79	9.2	120	8	93	10/0			
18	156	28	(82)	7.7	114	9	92	12/0			
19	128	23	82	8.2	86	10	88	32/10			200
20	152	28	82	8.7	132	9	93	350/2			5.5
21											
22						A TANK					
23	1112	38	(66		88	10	89	30/0			
24	224	23	90	7.6	146	10	93	2/0	0.2		
25	160	27	83	9.7	172	12	93	10/0			4.6
20	240	27	89	8.7	172	10	94	6/30		11.44	5.7
27	180	29	(84)	8.5	88	12	86	8/0	1.5		
28											
. 29	. 建筑多年										A The
30						A THE PERSON DAY					the free t
31											
TOTAL	2832	541		1534	2139	200	Y		1.7	11.49	160
AVECAGE		27	(81)		107	.10	91	15.8/- 10	0.9	11.49	5.3
MAXIMUM		38		11.1	172	22	1	3300 / \$ 2		11.49	5.9
NIKIMUM		21	100	4.0	66	6		2/0	0.2	11.49	4.6
com (c)	C	C		C	C	C	13	G	G	4	C
Monthan	1 (S)	22		19		30	1	70/14	30	1	



TWI	AMP G		NPDES	PERMIT NO		MONTH Y		1987			
7		5 MY 20°C BOD			4 . W 20. J. 222.	SSJO ENDED RES	1.	FECAL	00864 OIL . GEENSE	OSIOS TOTAL NITEGEN	TOTAL
	INFLUENT	EFFLUENT	%	EFFLUENT	Innueur	EFRUENT	%	EFFLUE NT	EFFWENT Mg/L	EFFWENT	EMPLORAT
DATE	mg/L	mg/L	18	mg/L	Mg/L	Mg/L	10	/100 ML	ing/L	Mg/L	Mg/L
1	172		95	9.9	9/		01				
2		8	-	-	96	4	96	0			The State
3	168	11	93	11.5	118	6	95	0			
4	148	18	88	9.5	112	6	95	0			10 a a a a
5	176	11	94	12.8	114	2	98	0			
6	172	21	88	11.5	114	6	95	0			
7					•			-			
8			12				B. 14.10	P			
9	108	7	94	11.8	102	2	98	0			
10	204	14	93	13.1	139	6	96	0			
-11	160	13	92	14.5	158	6	96	0			Shaper .
12	216	17	92		146	8	95	7			
13	120	18	85	13.6	68	3	96	SAMPLE			
14	Towns and the										220
15											
16	96	14	85	10.9	54	8	85	0			
17	112	- 11	90	7.8	120	5	96	0	La Stade	144	
18	136	12	91	11.6	142	2	99	0			-
19	160	15	91	11.5	128	4	97	0			
20	156	11	93	16.7	112	2	98	0			1.1
21						A WASHINGTON		er tract	NOW AND COMPANY		
22									P. S. Land		
23	308	12	96	12-0	156	1 /	99	0	•		
24	3/6	16	95	12-6	162	2	99	0	٥		
25	220	18	92	17.3	212	7	97	0			1.1
26	188	20	89	12.7	108	2	98	0		15.33	2.6
27	308	40	87	12.0	170	16	9/	R	1,0		
28											
29								San In			a. a.
30	1777						Ser.		The same of		1
31								11.			10 Miles
TOTAL	3644	417		241.8	2531	98			1.0	15.33	
LVERACE		21	.88		127	5	96	1.08	0.5	15.33	1.6
MAXIMUM	A CONTRACTOR OF THE PARTY OF TH	40	+ 2	17- 3	212	16		2	1.0	16.33	
niximum		7	7.80	7. 8	54	1		0	O	15.33	. (. (
(0) (40)	C	C		C	C	C		G	G	Ç	C
Mounty		30		-		30			30	1 77 50	

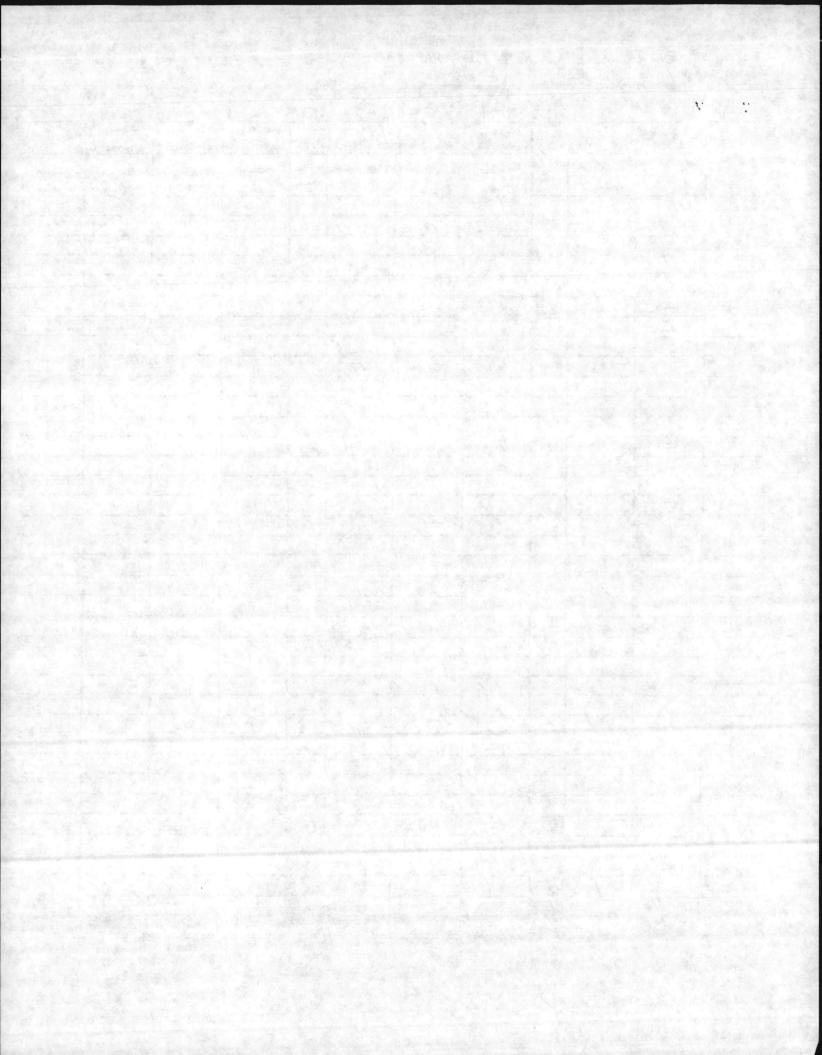


T	ARAWA	TER	3 4 4 6	r	NPDES	PERMIT NO	340	MONTH Y		1987	
A 10 M	5 MY 2	0°C 50D		MMONIA	TOTAL SUPPENDED RESOUTE			FEFAL	OO864	00600 TOTAL	TOTAL PHOEN
	INFLUENT Mg/L	EFFLUENT Mg/L	9,	EFFWENT MAL	INFWENT	EFRUENT	%	EFFWENT MF/100 ML	EFFURIT mg/L	EFFWENT	EMPLOENT Mg/L
DATE	1	mg/L	10	5/2	Mg/L	mg/L	10	/100 ML	11376	Mg/L	11.21
2	168	30	82	3.4		6	99	c			
3		25	88	3. 3	644	2	98	0			-
	216	28			333		99				
5	312		91	3.5	1,130	8'		0			100
6	248	24	90		344		98	0			
7	387	25	94	3.4	492	4	99	0			
-					- 10 mg - 10 m						Planty and
9	208	2.	85	8.7	456	4.	99	0			10 MG 1
10	344	31		5.8		6				8. 1.20	
11		24	93		1096	5	99	0			
12	212	27	93	4.6	124	3	98	0			
13	344	23	91	4.0	240	6	98	0	-		
. 14	244	22	71	7.0	2/0	7	71	0			
15											
16	328	30	92	4.3	3/6	10	97	U			10 10 10 10 10 10 10 10 10 10 10 10 10 1
17	328	24	93	3.5	1245	6	99				
18	304	24	92	6-9	123	5	96	0			
19	332	21	94	4.6	144	7	95				
20	272	23	92		398	5	99	0			21.25
21	1 4.2	23	16		316		177		Election in		St. of the st.
22							2.46				
23	280	31	90	6.9.	164	8	95	0			
24	527	22	96	4.6	386	12	97		0	700	
25	573	26	95	The second secon	1488	5	99	0			5,3
26	493	28	94	8.1	868		99	0		10.89	
27	276	25	91	5.9	157	7	96	4	3.2		
28											
29											
30			Page 18							AN ELEMENT	
31											
TOTAL	6396	513		100.9	10,352	125	113		3. 2	10.89	5.3
AVERAGE	320	26	92	5.0	518	6	99	1.00	1.6	. 10.89	5.3
MAXIMUM	THE RESERVE OF THE PARTY OF THE	31	1	8.7	1488	12		480	3.2	10.89	5,3
NIKIMUM	208	21	1 1/4	3.3	123	3		0	0	10.89	5,3
(c)	С	C		C	C	C		*	G	4	C
Mounty	X 100 1	30	3-	70		30		1000	30	والمرو	

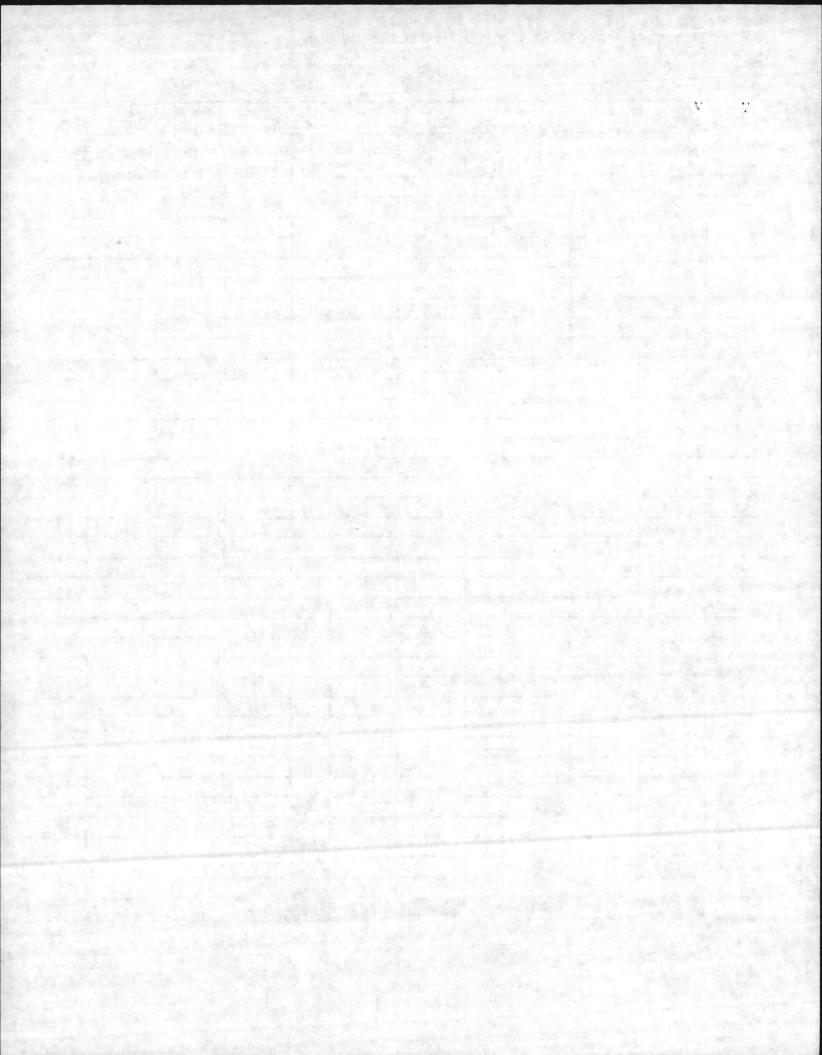


MONTHLY REPORT OF WASTETREATMENT PLANT WATER QUALITY MCBCL 11245/6 (REV. 9-66)

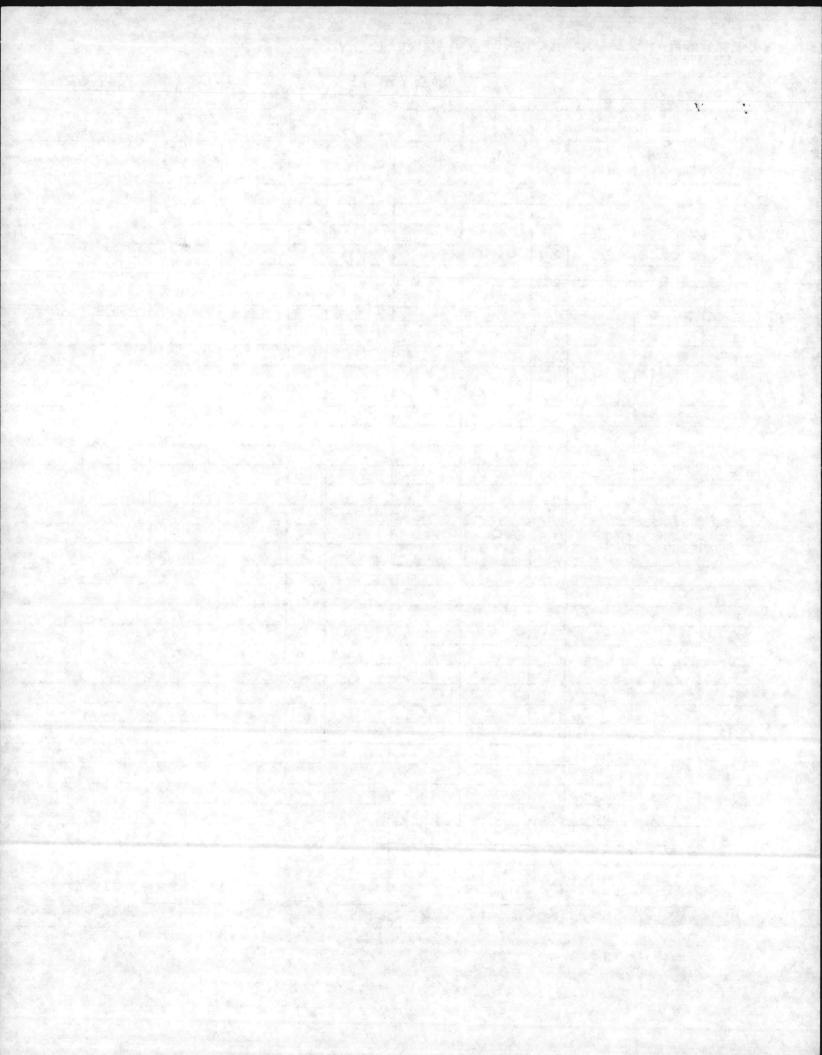
rwī C	AMP J			Meant No		FEB.		1987			
DATE	5 MY 20°C BOD			MMONIA		ended Re	SUE.	COLIFORM	OOR + GEENSE	COLOG TOTAL NITEOGEN	TOTAL PHOOPHOED
	INFLUENT Mg/L	EFFLUENT Mg/L	%	EFFLUENT MG/L	IMPURENT Mg/L	EFRUENT Mg/L	%	EFFURNT MF/100 ML	EFFURING Mg/L	EFFWENT Mg/L	
1					EN MARKET	E. C. C.	19 6				
2	204	22	89	5,2	96	8	92	0		4-9	
3											7-50
4				447							
5											
6	128	26	(80)	5.3	190	8	96	0			
7	Marine Marine					and the second					
8							-14.0				
9	204	23	89	4,2	218	5	98	0		His Table	15
10								20			
H.										ansatz (1	
12											
13	96	28	(7)	7.1	104	9	91	0			- 100
14				. Wall			30 号				
15	Index 1					dept. It is					
16				1.4							
17	172	18	90		78	11	86	0			
18										*	
19							19-14				
20	1 156	37	(76	6.5	1 45	10	(78	0			
21										47.5%	
22											18 - 18 A
23	128	82	94	5,3	74	13	(82)	0			
24		Tales of the second					100				
25											
26	1-10-11		-								
27	204	37	82	6.7	78	12	88	0	0	100	
28				24. 8			- 6				
29				2 20 34	Sec. 1					-	
30	The state of the s									1	
31	The second	1 1 2 2			48			1 15			
TOTAL	1448			41.7	903	76	12. V.		0		
LYEEACE		27	85	5.2	113	10	91	0	J	ļ	
Maximum	204	37		7.1	218	13		0	0		1
MINIMUM	. 96	18	1	1.4	45	5			0		-
(crb (c)	C	C	74		2	C		G	G	G	C
Morringy	1000	30		NL	86	30		LOW	30	100	



TMA	COURTH	ous E	BA	1	NPDES	TERMIT NO	45		MONTH FEB.	Y	1987
	5 DAY 2	310 BOD		Amonia	0	1530 ENDED RE		TOTAL	OUL . CEERE	COLOG EN	TOTAL PHOOPHOEAS
	INFLUENT	EFFLUENT	%	EFFLUENT	INPUENT	EFRUENT	0,	EFFLUENT NE	EFWENT	EFFWENT	EMPLUENT
DATE	mg/L	mg/L	18	mg/L	Mg/L	Mg/L	%	MF/100 ML	Mg/L	Mg/L	Mg/L
- 1					1,200			-			
2			07				01				
3	100	/3	87	3.6	64	6	9/	30			
4											
5								-			
6											
7			100					-		(1785 M)	The state of
8						·e.			F-G-ASSE		
10	152	15	90	1.7	3.5	A 7 4 10 10 10 10 10 10 10 10 10 10 10 10 10	0.0				
-11	102	/3	70	1.7	315	5	98	12			
12								-	4.000		
13								-			
. 14	1 200							-			
15								100			
16							Britania Britania				
17	88	15	(83)	0.3	76-	6	92	12			STATE OF
18		1.0	(00)		/6	-	1-				
19				100		Para and a line					
20		40									
21								166 . 179			
22											
23											
24	88	16	(82)	2.6	32	8	75	2	1.1		
25							124				
26	Party Service									0.00	
27									1.0		
28											
29							it is	1 × 1			
30			100 m (600)				Laboration .				
31			100								to the advisor
TOTAL	428	59		8.2	487	25			2.1		
AVEENCE	107	15	86	2.1	122	.6	95	9.64	1.1.		
Maximum		16		3.6	315	8	32 3	30	1.1		
nikimum	88	13	12 %	0.3	32	5		2	1.0		
(cup (c)	С	C		C	C	C	31	G	G	C	C
Mounty		30		NL		30	3	70-4	30	1	

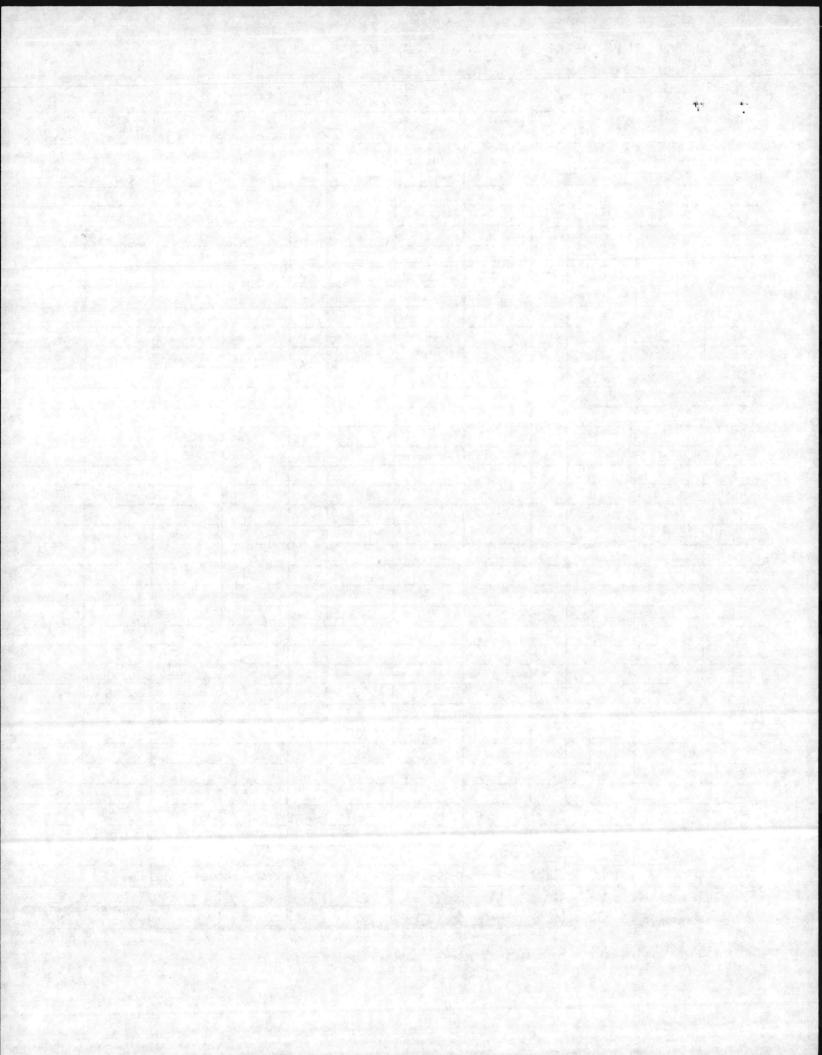


TMI	RIFLE	- RAN	GE			NC 006		7	MONTH	=/3. Y	1987
	00	0°C 50D	E-9/1/8	Annonia		1530 ENDED RES	SUE	TOTAL COLIFORM	00066 011 - CEEPPE	COLOG TOTAL NITEOGEN	TOTAL PHOOPHOEDS
	INFLUENT mg/L		%	EFFLUENT	INFWENT	EFRUENT	%	EFPLIENT MF/100 ML	EFFUELT Mg/L	EFFWENT	ENLUGAT MG/L
DATE	mg/c	mg/L	1.0	mg/L	Mg/L	mg/L	10	7100 AL	11375	Mg/L	1.7/2
1	-									Page 15 Land	
2											
3		10	(e)	0.16	11.5	-	96	0			
4	52	10	(8)	0.75	./62	7	16	1			
5							40				
6						1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		Sink Call A			
7				•				Labora .	e de la companya de l		No. 10 10 10 10
8						18.0			4 4 4 4 4 4		an time
9			100								100
10		10	6	1 10	-	3	02				
11	72	/3	82	4 25	88	3	97	0	-		100
12			468.7	TRANSPORT NAME					-		Carrier Harris
13											
14	-		-								
15							•				
16											-
	28	10	64	0.14	/ED	4	96	0		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	R 1910.
19	28	10	167	1	763	7	1				1
20										100	
21				•							
22											
23											
24								1	0	- 45	
25	196	17	91	3.0	508	8	98	0			1.6
26		1	1		R.M.		1				
27							1 10		. 0	100	
28	7.00			Especial Especial	AL						
29		100000		804	10 May 10 10	4 - 15 - 15 6					9.
30	. S				La terra de la companya de la compa	1.50			granted attenues		
31			# CS								
TOTAL	348	50		4.55	858	22	11.2	2	0		1.6
AVERAGE	64	13	85		215	6		٥	0	- Sign	1.6
MAXIMUM	Control of the Contro	11	1	3.0	508	8		0	0		1, 60
NINIMUM	28	10	1 1	0.14	8.8			0	0		1,6
(6)	C	C	+,	C	C	C	-71	G	G	G	C
Mounty	2	30		NU	40.00		1	70 N	30	11 300	1. 1. 1. 1. 1. 1.

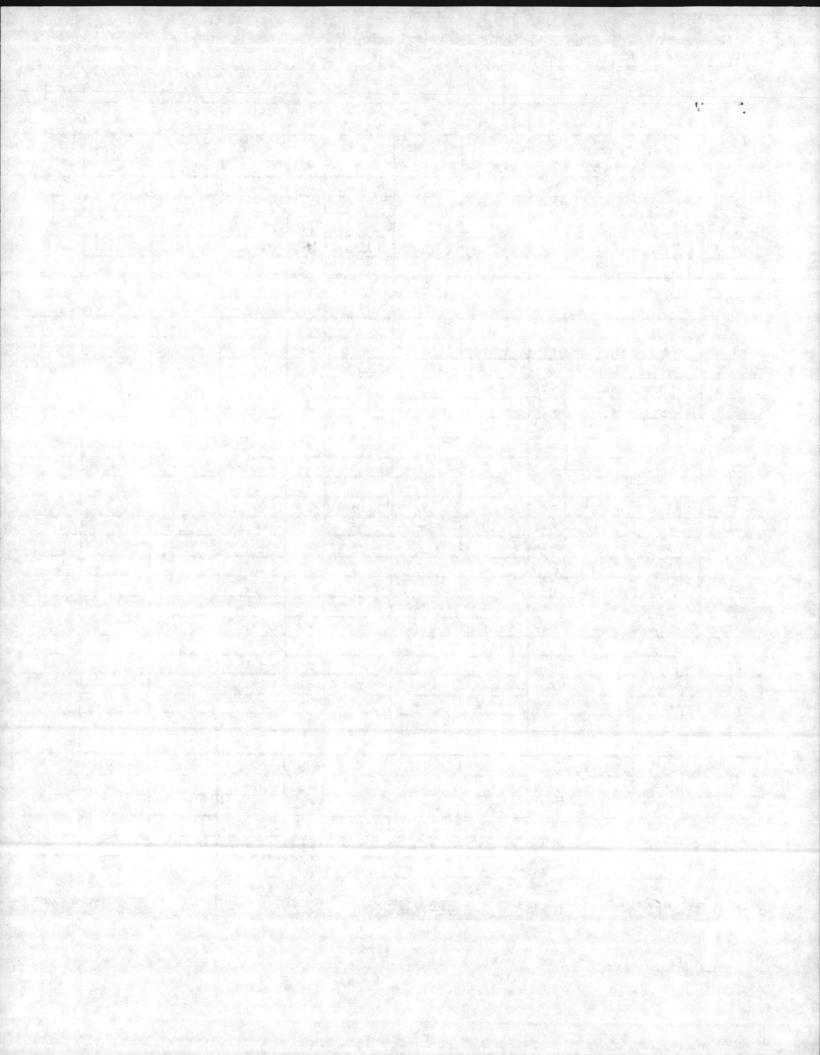


MONTHLY REPORT OF WASTETREATMENT PLANT WATER QUALITY MCBCL 11245/6 (REV. 9-86)

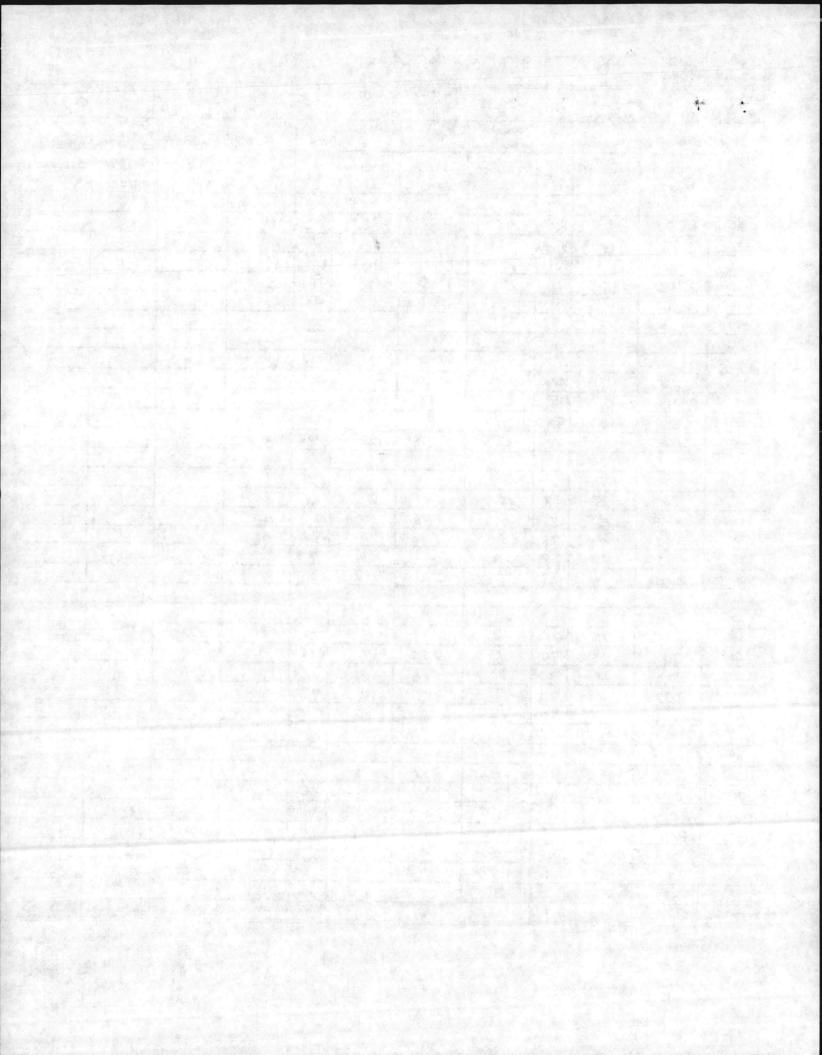
PLANT	ONSLOW	BEACN	/o ₂			TERMIT NO			MONTH FE	/3. Y	1987
	5 DAY 2	0.C 20D		MMONIA	The second secon	0530 ENDED RE	SOUE	COLIFORM	00864 OIL + GEENSE	COLOO TOTAL NITEOGEN	TOTAL PHOOPHORAY
	INFWENT Mg/L	EFFLUENT	%	EMWENT		EFRUEN	%	EFFURNT MF/100 ML	EFFUENT	EFFWENT	
DATE	mg/c	mg/L	118	.113/2	Mg/L	Mg/L	10	/100 ML	Mg/L	Mg/L	Mg/L
2					130		11 00				
3							-		A Property of the Control of the Con		-
4	Agent										
5	108	16	85	0.26	84	6	93	2			
6				0.00	0,		,				
7											976
8							A Tibe				
9					17773147	44			100000000000000000000000000000000000000		
10					F 1250			in the world			
11							`				
12	96	21	(78)	0.21	42	10	76	0			
13						K. F. Land					
. 14											
15											
16											
17											
18			M.								
19	68	/2	82	0.19	29	7	(76)	10			
20					Distributo A		466			15.00	
21											
22							16				
23								7, 7	10000		
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25	871		-	F 2 9			-			1 - 1	
26	228	21	9/	0.43	58	6	90	90	-	1.75	
27			-				71.3		0		
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29			PEPA SI			Facilities.		Tartista No.			
30				53,002,00				1 2 2			
31	-	70		1	213	24	Torus	100		111	-
TOTAL	500	70		1.69		29	CT	-	6,5	1.75	
AVERAGE	125	18	86	0.27	53	7	87		0.25	1.75	-
MAKIMUM	228	21		0.43	84	10		90	0.5	1.75	
MINIMUM Comp (c)	68	12	3. 1.		29	6	1		0	1.75	
cerp (c)	_ c	C	14.5	C	C	C	1.	G	G	4	C



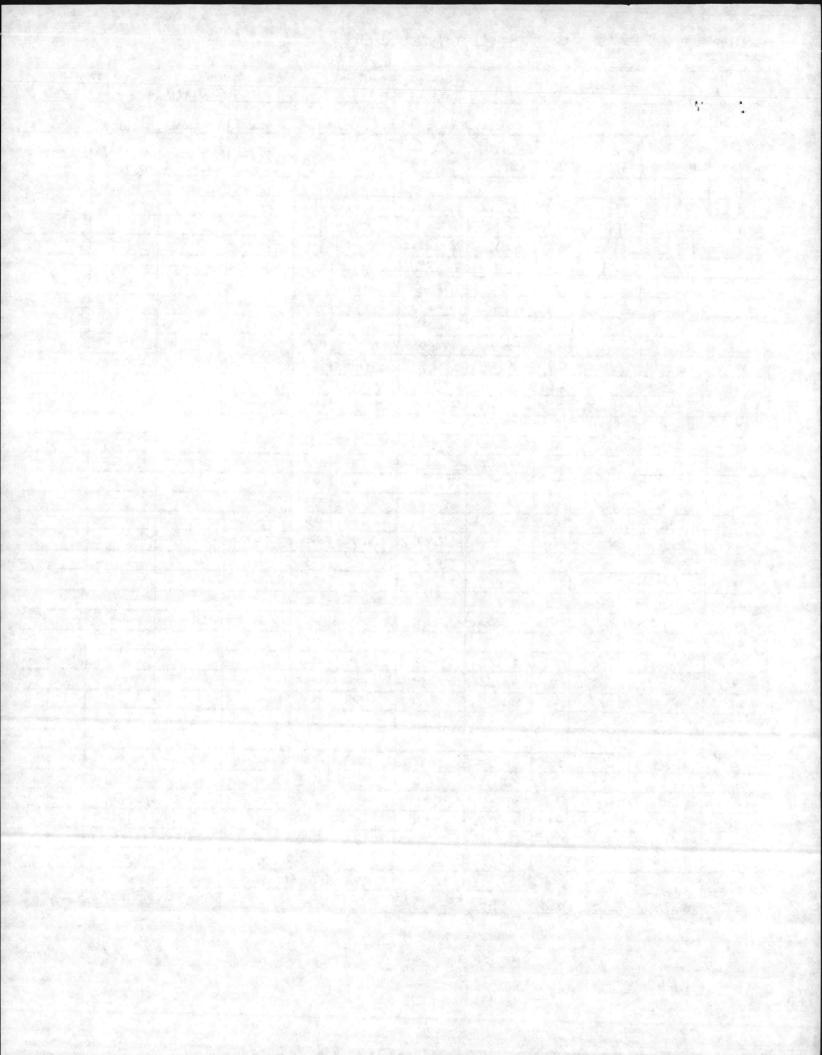
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	MONE	I	10	NT		306306	29		MARCH		1987
	6 00	0.C 20D		Munonia		uded Re	SUE	COLIFIEM	00664 016 • GEENE	COLOG TOTAL NITEOGEN	TOTAL PHOOPHOEAS
	INFLUENT Mg/L	EFFLUENT Mg/L	%	EFFLUENT Mg/L	INPUBLIT	EFRUENT	%	EFFLUE INT	EFFUENT Mg/L	EFFWENT Mg/L	ENLUENT Mg/L
DATE	1119/2	mg/L	10	113/4	Mg/L	mg/L	10	1100 ML		17/2	1.215
2	96	11	89	4.2	106	In	91	0	g w	-	
3	132	11				10	91	0			
			91	4.7	118	12	89	0	No.		
4	120	14	88	5.6	110	Name and Address of the Owner, where the Owner, which is the O	A STATE OF THE PARTY OF THE PAR				
5	136	19	91	5.2	106	8	91	6			
- 6	140	17	86	6.1	112	10	AL	0			
7				10 mm		1 THE R. P. LEWIS CO., LANSING, MICH.					
8					0.0	4,	91	2			
9	116	11	91	4.0	88	8		_	2000 magain		
10	100	13	87	5.6	82	14	83)	10			4.349
- 11	124	14	89		112	10	91	2	0		
16:	112	15	87	6.6	104	8	92	2			4.9
13	132	13	90	4.6	106	13	88	10			
14									THE STATE OF THE S		
15	124	п	-		144.4	7	21-				
16	124		91	3.0	144		95	_			
17	120	15	88	5.8	96	7	93	-			
18	108	11	90	4.5	80	d Commission Name	_	4			
19	164	10	94		104	10	90	0			
20	128	21	84)	3.3	176	1	96	0			
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25	136	/3	88	4.6	132	9	95	C. C	5 B		The same
26	148	12	91	44		D DESCRIPTION OF THE PARTY OF T	90	0			
27		15	90	4.2	170	8	95	2			
28	108	12	07	4.2	07		13	1 8			
29-					7 July 200				11422 47		
	1211	10	92	20	100	8	91	0	100 A	9.98	
30	124	10	_		86	7	95	THE OWNER OF TAXABLE PARTY.		1.10	
31	158	13	90		140		73		2.1	0.00	110
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AVERACE	124	. 13	90	4.8	176	9	92		2.1	9.98	4. 9
MAXIMUM		21		6.7		14		10		9,98	
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(c)	C	C		C	C	30		G	G 30	C	C



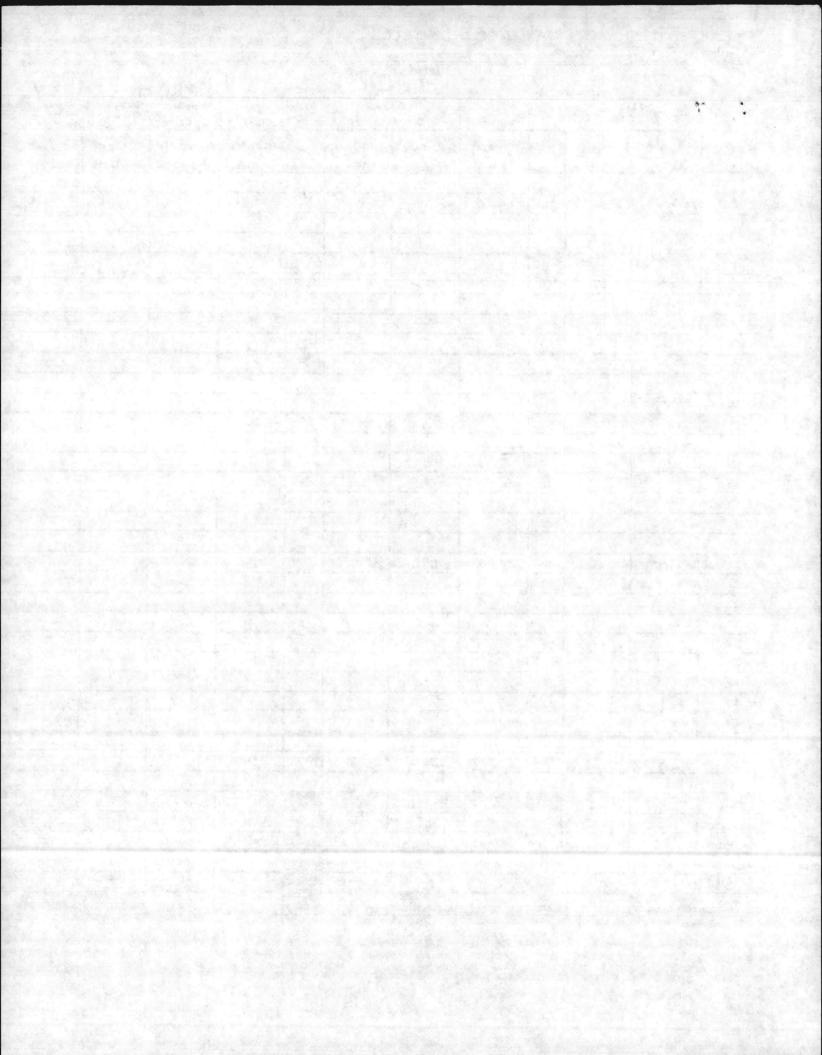
mi		^				TERMIT NO			MONTH	, 1	1987
CA	MP	(FEIGE	38	THE RESIDENCE		00 323	7		MARC	00400	00665
	001	0.C 20D		Amnonia		uded Re	BUE	COLIFIEM	OIL . CEEME	TOTAL	PHOSPHOROUS
	INFLUENT Mg/L	EFFLUENT Mg/L	%	EMPLUENT	INFWENT Mg/L	EFRUENT Mg/L	%	EFFLUE NT	EFFURIT Mg/L	EFFWENT Mg/L	MG/L
DATE		113/2			3,5	2 100	1.00			7 10 10	Mary No.
2	168	21	88	7.1	256	38	85	0			
3	148	26	62	7-9	116	16	86	0		- 1	
4	180	20	89	12.7	108	20	81)	2			Control of the Contro
5	248	11	96	10-6	182	7	96	0			W.
6	180	8	96	11.4	94	14	96				
7	100			1							
8				2.000					Bright of the		
9	188	15	92	10.7	128	9.	93	2			hall the
10	224	14	94	12.8	186	9	95	8			
11	220	8	96	12.3	172	4	98		0		
12	188	10	95	14.7	820	6	97	0			0.5
13	216	18	92	12.4	138	12	91	0			-
14								Marie Land			
15	5.00			4.46			1000				
16	148	5	97	15.1	164	3	98	0		Farm Folig	
(7	244	_25	(82	13.5	258	15	94	0			
18	220	27	88	1.3.5	140	И	192	0			The second
19	180	22	88	12.9	216	16	93				-
20	200	14	93	7.8	176	8	95	0			
21							45.7			144	
22			0.3								
23	184	10	95	12.7	94	12	87	0	6.8		
24	220	13	94	11.9	158	7	96	0			
25	300	10	97		210	2	99	0		1981 50	
26	332	10	97	14.2	186	8	96	0			
27	196	19	90	130	200	12	94	O			
28					· 图2)		100				A CONTRACTOR OF THE PARTY OF TH
29		- 7 1971 - 中党员直接								1 7 71	
30	260	11	96	12.8	290	8	97.	0		18.26	
31	204	11	95		146	6	96	0			
TOTAL	4648	328		245	38/8	,222	1	No.	0.8	18.26	0.
AVERAGE		. 15	93	12,6	174	10	94		0.4	18.26	0-3
Maximon		27	11:46	15.1	258	38	No.		0.8	18.26	0. 5
MINIMUM	148	5	1	7.1	94	2	STATE VALUE		0	18,20	
(c) 649)	C	C	1	C	C	C	1	G	G	C	C
Mourney	32 -	1	14		-	30	Daniel B		30		



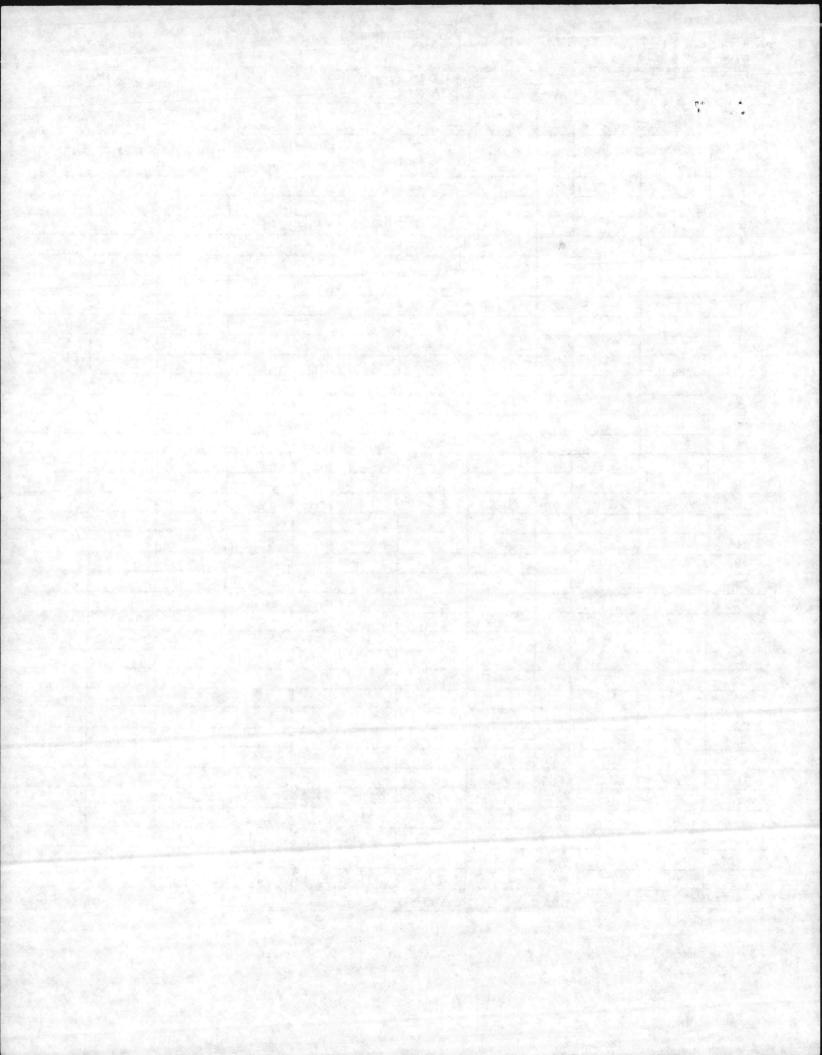
WITA	^	7-	a		and the second s	FERMIT NO			MARC	na filianose	1987
	RAWA	18	RRA	00410		530			00866	00400	00665
		orc BOD		Annonia		ENDED RES	SUA	COLIFORM	OIL . GEENE	NITEOGEN	PHOSPHOE OU
D	INFLUENT Mg/L	EFFLUENT Mg/L	%	EFFLUENT	INFWENT Mg/L	EFRUENT mg/L	%	EFFURNT MF/100 ML	EFFURIT Mg/L	EFFWENT Mg/L	FATWENT MG/L
DATE							-	1,00.00			
2	750	11	99	6.1	1510	6	99	0			
3	156	Li	93		254	9	96	0		N. St.	
4	196	11	94	3.6	184	10	95	2			Carlot Carlo
5	760	111	99	7.8	1084	2	99	0			
6	470	ID	98	5.6	760	2	99	0			
7	1.0		10			A de fin	1	. *			ing a
8							in.	132			Mark .
9	260	10	96	7.1	192	7	96	D	20, 20		
10	264	111	96	5.4	230	12	95	٥	1. 地质		
11	212	13	94	6.1	120	6	95	٥	8.7		
12	344	12	197	6.4	330	9	97	0			6.2
13	3 20	10	97	7.5	755	5	99	0			
14				The state of				a s in d	100		175 av
15									Cartie Con		
16	340	19	99	7.7	2670	14	99	0			
17	324	34	90	8.3	884	8	99	0			
18	272	17	94	5.7	158	13	92	0			
19	216	16	94	8.5	288	12	96	2	A TOTAL		
20	280	19	93	3.2	724	9	99	6			
2.1							2000	Maria de la compansión de			
22						1000					
23	207	16	92	4.4	158	10	74	0	3.4		
24	208	17	92	6.3	152	13	91	0	100		
25	256	14	95	4.5	1182	9	99				•
26	232	14	94		186	8	96	0			
27	288	13	95	9.6	548	9	98	0			
28											
29 -					B 38 - 17 6				55.0		
30	253	14	94		850	10	99	0	The Marian of	14.99	and the second
31	268	12	94	5.9	176	9	92	0			
TOTAL	6876	315	1	129.4	13,335			A SA	4.1	14,99	6. 2
AVERAGE	3/3	. 14	96	5.9	606	9	99	1.16	62.1	14.99	6. 2
MAXIMUM	_	34	;	9.6	2670	13	1	6	3.4	14.99	6. 1
MINIMUM		10		1.3	116	2		0	0.7	14.99	. 6. 2
(c) (42)	C	C		C	C	C	114	G	G	C	C
Mouther	THE YORK	Company of		· No control of	17.1	30			30		



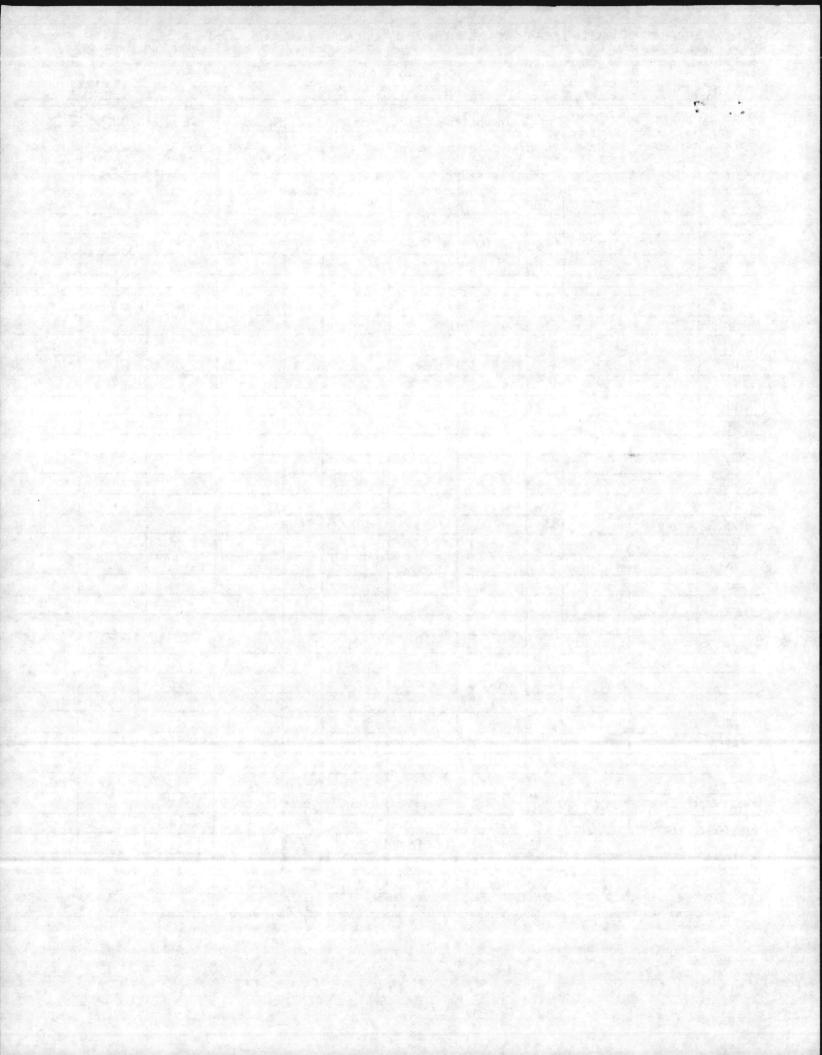
TWIT (THPWENT EPRWENT ER Mg/L %			N		TERMIT NO			MARC	H	1987
•	2 00	310		MMONIA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1530 LND & D RES	SUE	COLIFORM	00864 OIL • GEENSE	TOTAL	TOTAL PHOOPHOEAU
DATE	A STATE OF THE STA		%	EFFLUENT Mg/L	INDUENT MOL	EFRUENT Mg/L	%	EFRUENT NE/100 ML	EFFUELT Mg/L	EFFWENT Mg/L	ENLUGHT MG/L
1											
2	194	16	91	2.4	998	11	95	0	a feet for spin		
3				1978							The second
4											
5	g - 1 - 15	Calgere.						Ballin To			
6	84	17	(80)	4.9	72	6	92	0			
7											
8					48	10.0				- 14	
9	156	13	92	4.3	168	8	85	0	Marine St.	C 10 at 1	
10		•			Part No.						
11.	Shrizhra :								0		
12.			12.00								
13	120	15	88	5.4	48	8	83	0			
14		Alleria	100	14 FF	A di sa	A 18 3					
15							,				
16	116	12	96	5.2	48	6	88	0			
17			15.01			4.65 得一镑					
18											-
19		70.00									
20	145	16	89	5.7	192	6	97	2			
21	184 - F										
22			1-0		26	9			10	B-18-14	
23	56	12	78	4.7	26	/	(65)	0	6.2	1 100	100 TH
25				E SERVE							
26							2 to 1990				
27	124	18	85	7.1	150	7	95	4		A 9. 7.	
28	11	10	100	7. /	100	1	/				
29-		100									
30	236	16	93	6.3	260	8	97	0			
31	4 26	16	10	- 3	170				His di		. 5.
OTAL	1221	135		46.0	1170	69	-		62		6
VERACE	121	15	89	5.1	130	9	93		-		5.
MOMINA		18		7.1	260	11		4	6.2	400	5.
MUMINUM		12		2.4	26	6		STATE OF STREET STATE OF STREET	O	14	5.
(6)	_c	C		C	C	C		G	G	G	C
you with	E STATE	30		and the thermal and				The second second second	30	ليو	



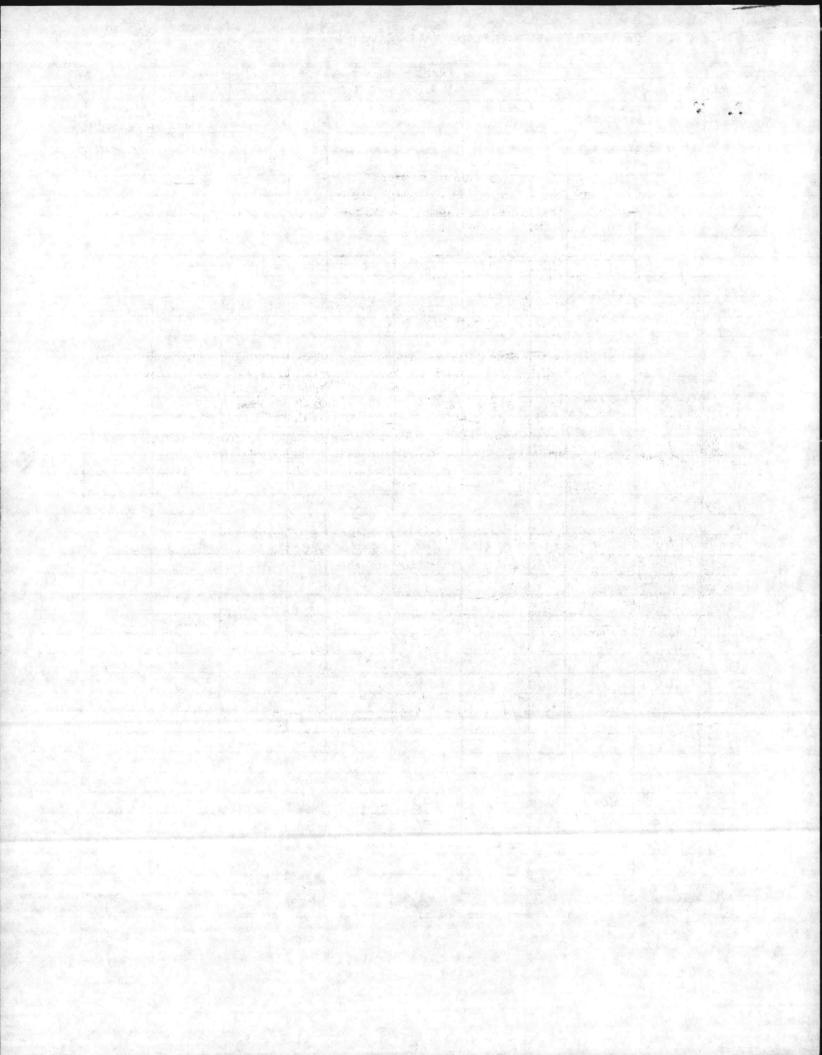
TMI	- 7115	Same all	DA			PERMIT NO			MONTH		1987
	MRT HO		BA	00410		06304	3		MARCH	00400	0045
		0.c 80D		Annonia	A STATE OF THE STA	ended Res	BUE	COLIFORM	OIL . GEENE	TOTAL NITEOGEN	TOTAL
	INFLUENT Mg/L	EFFLUENT Mg/L	%	EMPLUENT	INFLUENT	EFRUENT Mg/L	%	EFFLUE NT MF/100 ML	EFFUENT Mg/L	EFFWENT Mg/L	EFFLUENT MG/L
DATE	my's	W-3/E	1	5/2	Mg/L	MAIL	10	1100 AL	100		312
2	Company of the Compan			N		1000000	Syring				
3	76	7	91	1.1	84	8	98	4			1 195
4		Con Alexander	1. 1645	APPEN TO							
5				200	Parks -		18.3				
6	1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A	The state of				10 To 10		W			
7								Programme and the	dian.		
8				1955 3							
9		(a)					7.6	Mark Activity	1525	4-14-14	
10	60	8	87	2.1	78	8	90	0	100	1000	
11					ALL BUTTON				0	1000	
12 .				11.5			0.8				人 表示
13	The first state										
14		Mat I		1 1000		inter-					
15											
16						ar na					
17	104	10	90	1.5	58	6	90	0			
18											FINANCE.
19		A STATE OF		100							
20											
21											
22											
23								1.00	6.0	The same	
24	64	8	88	2.2	42	6	86	0			
25		Control of						A			
26											
27	•						12.55				4
28								20-20-78		-	
29 -					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						4 - 100
30	The second	de de files	-	1 2 2 2				THE REAL PROPERTY.		1	-
31	144	24	183		70	7	90	0			
TOTAL	448			8.1	332	35			6.0	1	
WEENCE		11	88	1.6	66	17	89		3.0	1 1 9 1 1	1
navimina		24		2.2	84	8		4	6.0		
MUMINUM	60	7		1.1	42	6	200	٥	0		
(2) (4)	C	C		C	C	C	100	G	G	C	C
Mounta		2 2		· And the second		30			30	12 12	1 176



mu P	IFLE	PAN				TERMIT NO			MANTH	Y	987
		RANG	10	00410		530	3/	1	MARCH	00400	0046
	5 MY 2	0.C 20D		Amonia	100	ended Re	BUG	COLIFOEM	OIL . CEENE	TOTAL	TOTAL
	INFLUENT	EFFLUENT	0,	EFWENT	INFWENT	EFRUENT		EFRUE NT	EFUENT	EFFWENT	March Control of Control of
DATE	mg/L	mg/L	%	mg/L	Mgd	mg/L	%	M5/100 ML	Mg/L	Mg/L	Mg/L
1		37,539	200			3.8					
2			-								
3	73	-	Oh	1 111	2011	15	01	4			
5	13	7	90	0.41	284	10	96	0			
6							1000				
7							1. St. 1. St. 1.				
8	Mark Toronto			•							
9	58 S S S S S S S S S S S S S S S S S S S		2000			10.0	128				
10				866882							
11	88	1	93	0,39	253	6	98	12.500	0		
12.	00	6	13	0,39	235	-	10	16,000	0	2.79	
13											
14				3							
15	1000			Legis .							
16	1	1 - 1 - 1 - 1 - 1									
17											
18	88	6	23		136	8	94	0		1 1 1 1 1	
19		111		0.21							
20				0.70							
21			100								
22											
23		/	16						0.5		
24					- 多基位						
25	240	8	97		3190	6	99	0			330
26	10 1 F , 12 - 1		4 1	0.26	10000						
27											F-88 F-73
28											
29-	1997	100	1							1774	
30	A Confidence of	Li resita de		P. Ching		B. 11 S. O.				1 mg 1 mg	
31					10000000000000000000000000000000000000	NATE STREET	Marin de la companya				1000
OTAL	489	27		1.27	3 863	30			0.5		
VERACE	122	7	94		966	.8	99	10.579	The Real Property lies and the least of the		7 7
MUMINA	240	8	100	6.41	3190	10.		12500	0.5		
MUMINUM	73	6		15.0	136	6			0		
(3) (4)	C	C		C	C	C		G	G	C	C
HOUTHEY	W. A.					30			30		1. C. E.



THE		D				TERMIT NO		3.43	HTHOM		LAR
	NSION) B	EAC	H		06305	3		MARC	4	1987
	5 DAY 2	0.C 20D		Amonia	The state of the s	ended Re	BUE	COLIFOEM	OUF . CEERE	COLOGEN TOTAL NITEOGEN	COLLES TOTAL PHOOPHORAL
	INFWENT	EFFLUENT	%	EFFWENT	INPUBLIT	EFRUEN	0,	EFFLUENT MF/100 ML	EFFUENT	EFFWENT	EMPLUENT
DATE	mg/L	mg/L	/*	mg/L	Mg/L	Mg/L	%	/100 ML	Mg/L	Mg/L	Mg/L
2		2	1		\$200 miles	1945 M					
3											
4	70	1	00	1 1/4		-	01				
5	72	6	92	0.40	14	3	86	10			
6									1.46		
7			-	g of Atlanta	- Comband						
8				The second	-1785.4	4.0		1.08	200000		
9										STATE OF STA	
10				3 43							
11	100	1	011	6.00	51	0	107A	_	0		
12	152	6	96	6.23	56	9	94)	0			1.4
13											
14								46			
15											
18					•						
19	128	9	93	4 71	72	9	88	2		mer ye s	200
20	128	7	13	0.21			100	-			
21											
22			10.45						79. 1		
			100	110					0.6	60年3月 大水 万元48	
23									-		
25											
26	164	6	96	0.26	80	8	9/	0	7.00		9-7-
27		9	1	0.20		- 6	1"				1939
28			-	3			1			W 1.5	
29-				8							
30					150 00000		18.119				
31		· production									
TOTAL	516	27	511	1.1	222	29		and the stand	0-6	A Hope	14
	129	. 7	95	0.28	56	7	88		6.3		1.4
HAXIMUM	164	9	1	0.40	80	9	00	10	0.6		14
LINIMUM	72	6	1	0.2/	14	3			0		1.4
000 (C)	_ C	C			C	C		G	G	4	C
formy	1100			27.34 . 1 . 1 . 1 . 1			19		30		





From: 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 Teatment Plant Water Quality

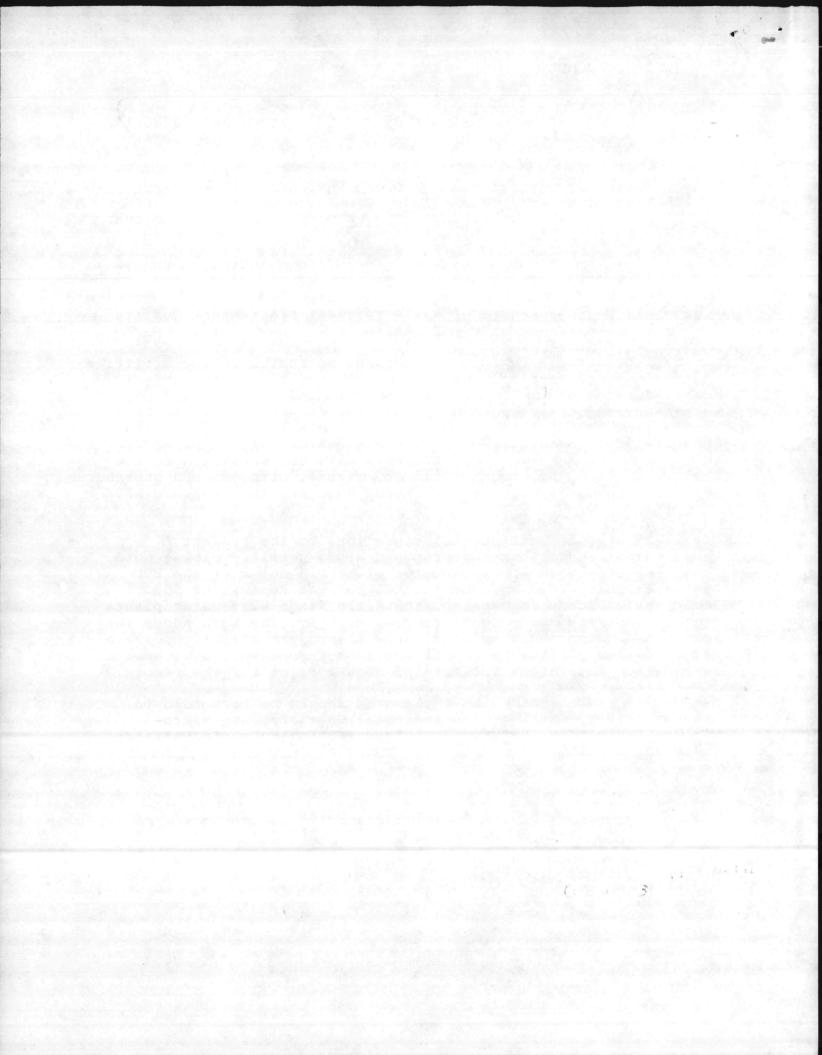
(2) Violations of NPDES Limits

- 1. It is requested that the enclosures be routed to the Utilities Systems General Foreman. Enclosure (1) summarizes 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 January 1987. Presently, only the Biochemical Oxygen Demand (BOD), Total Suspended Residue, and Coliform data are submitted to the EPA and State. The ammonia, oil and grease, nitrogen and phosphorus data is being generated as background data for the proposed NPDES permit.
- 2. Enclosure (2) outlines the violations to the present NPDES permit as well as the proposed NPDES permit. Please note that the Tarawa Terrace wastewater plant did not meet the BOD effluent limit of 30 mg/L or the BOD percent removal of 85%. Hadnot point, Camp Johnson and the Rifle Range Wastewater plants did not meet the BOD percent removal of 85%. The data shows that for Camp Johnson and the Rifle Range plants the violations are a result of low BOD loading. The Laboratory, however, will need an explanation for Tarawa Terrace and Hadnot Point for the record.
- 3. 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:

ECML (2)



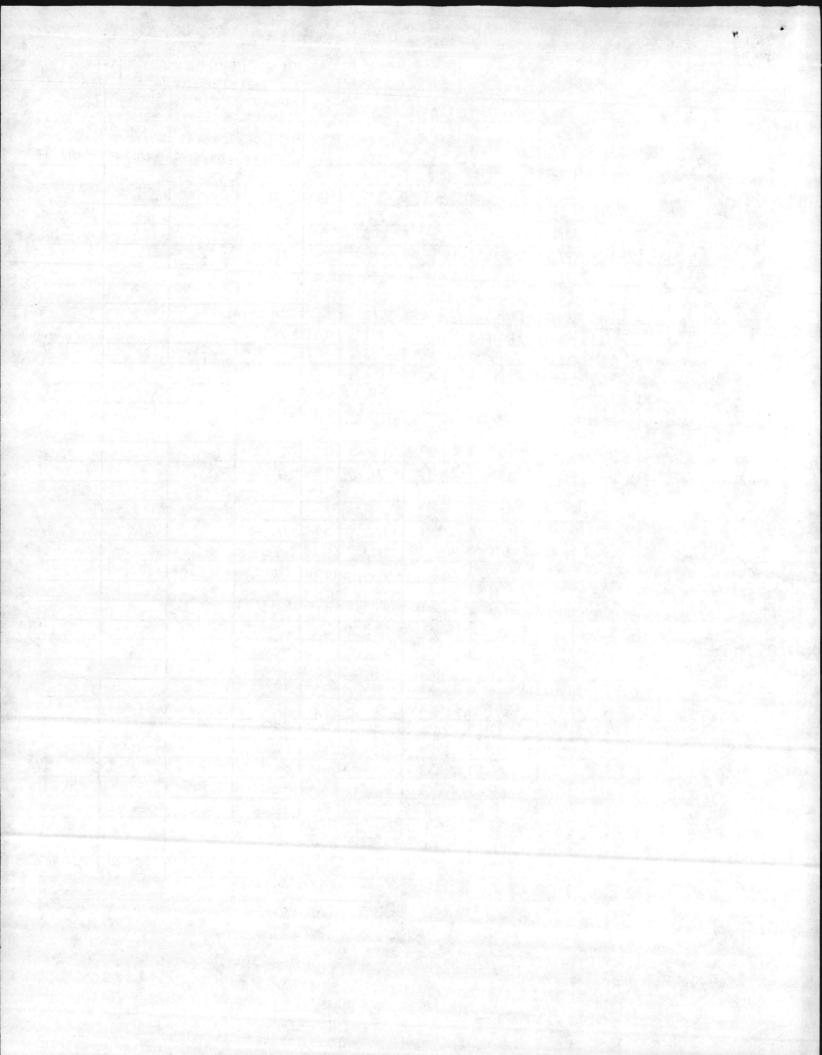
MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY MCBCL 11845/6 (REV. 9-84)

Trus	CAMA	Acias				TERMIT NO		North a	MONTH		EAR
		GEIGE	SR_	00410	INC	500323	9		Janua	RY	1987
		TO.C BOD		Annonia		ended Re	SOUE	FECAL	00864 OIL + GEENSE	TOTAL NITEOGEN	TOTAL PHOOPHOED
DATE	INFLUENT mg/L	EFFLUENT Mg/L	%	EFFWENT Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	EFFWENT MF/100 ML	EFFUENT Mg/L		
1	88	7	92		80	13	(84)	2		1.31.0	3/2
2	84	13	85		43	12	Ma	0	L w hardened		
3						100	148				
4											
Б	128	5	96	6,4	60	9	85	0			
6	124	5	96	7,6	62	4	94	D			
7	140	10	93	8.8	88	5	94	0.			
8	140	11	92	11.0	66	4	94	2			
9	124	11	.91	8.5	80	13	07	D	er a bigarkingse		
10		- 44		8.5	90	13	S V	0			
11							Programme 1	State State State			
12	144	9	94	8.1	106	8	92	2			
13	112	12	89	8.7	90	4	96	0			
14	116	7	94	8.4	88	5	94	0			
15	124	5	96	٣.8	93	4	96	0			
16	192	15	92	1D. D	72	8	89	2			
۱۲		1		10.0	IL	-	01				a supplied
18		2 22000						The state of the s			E LONGWING COM
19	68	5	93	5. D	58	4	93	^			<u> </u>
20	88	13	85	8.7	44	15	46	2			
2.1	92	9	90	8,3	40	7			100000000000000000000000000000000000000		
22	72	21	(7)	8.6	54		(83)	0			
23	68	8	88	5.6		15	TO TO	2			
24	100	9	00	3.6	40	13	(83)	0			
25									1400	Le Suexe	
24	92	6	93	5.6	108	4	9/	_			
27	80	23	70	9.1	. 26	10	96	0	1000		
28	108	13	88	8.6	66		85				
29	104	7	93	9.2	120	2	98	2			
30	112	13	88	9,0	74	4	95				
31	116	13	00	1,0			15	ID			
TAL	2400	855	No.	163	1550	173	MAN.				
	109	10	91	8.2	1558	8		1.50			1
PERACE	192		Se Was	11.0	120		89	1.38			
KIMUM	48	5				75		10			
10 (c) 10 (c)	C	2	17	5.D	24	2		0		 :	
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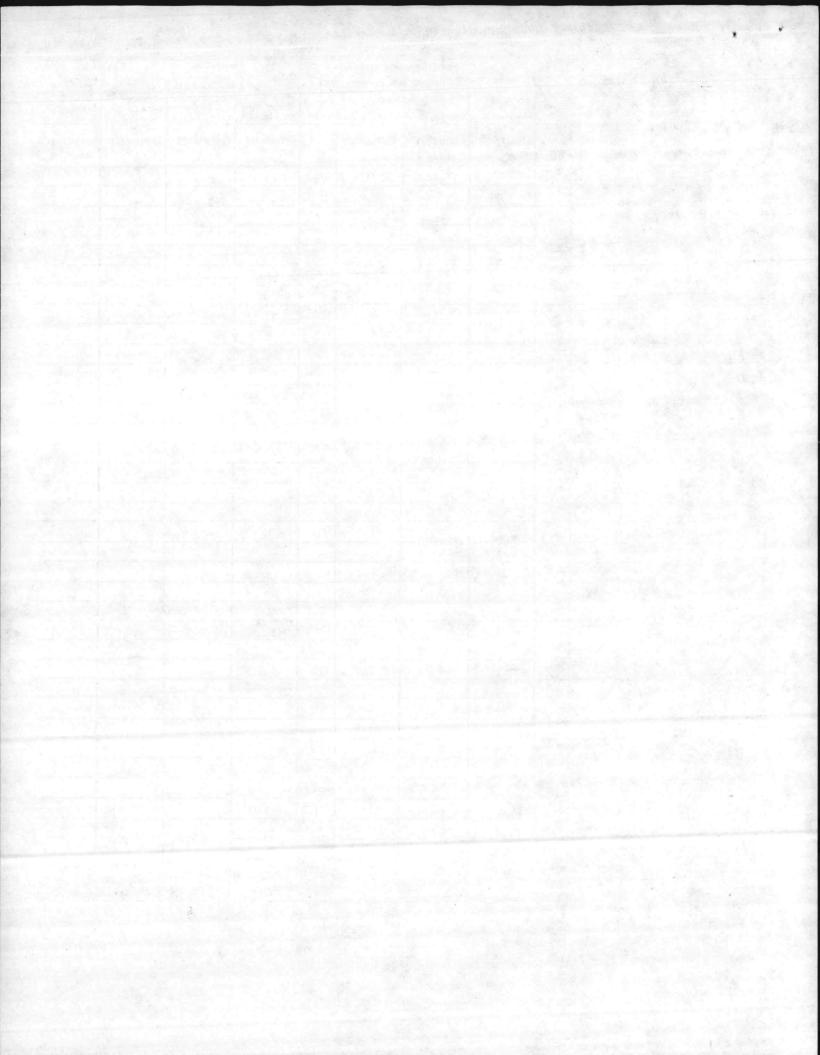
		M	E			

MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY MCBCL 11845/2 (REV. 9-86)

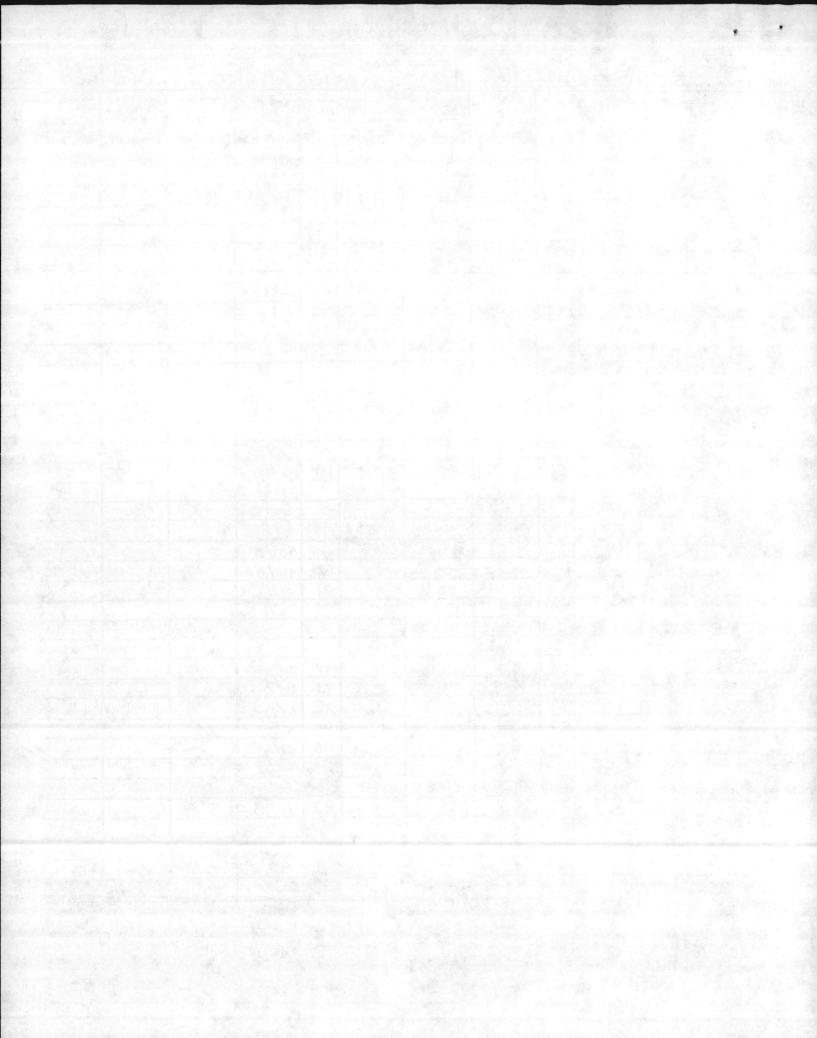
TMI	Time	T-0			V. 750	TERMIT NO		MANTH		YEAR	
	ARAWA		00410		530	1		Januar	1987		
		0.C 20D		Annonia		ENDED RE	SUE	FECAL	EFFWENT	COLOG TOTAL NITEOGEN	TOTAL.
	INFLUENT Mg/L	EFFLUENT Mg/L	%		INFLUENT Mg/L	EFRUENT Mg/L	%	EFFWENT MF/100 ML		EFFWENT Mg/L	
DATE	192	(39)	80	5/6		33	74	2	,,,,,,,	113/4	11.3/6
2			700		126		-				
3	132	(4)	69)		258	25	90	0			
	-										
4	101	(0)	100	0.7	10%	14	0-				
5	136	(38)	72	2,7	185	10	90	0			
6	136	(35)	74	3.3	290	22	92	0	10.		
7	200	(45)	03	2.6	10-2	29	<u>7</u>	0.			
8	160	30	3	3.8	60	13	78)	0		1000	
9	192	38	89	3.6	90	13	86	0			
-10	43.46		-			0.00				-	
-11	1 1 2	0	43		1.70	0.0					
12	148	(38) (32)	(74)	2.7	152	22	86	0			
13	140		T		573	111	98	2			
14	200	28	86	3,1	173	12	93	0			
15	188	27	86	2.8	116	111	91	2	i i	· ·	
16	346	(40)	88	3.7	305	8	97	0			
17						100000					
18			10			0.000					
19	108	25	97	2.6	125	11	91	16			
20	204	(56)	73	8.9	145	27	(81)	0	-		
21	194	62	67	7.2	104	24	F	4			318,000
22	114	(41)	45	3.6	230	11	95	2		315	-
23	168	36	(9)	5.5	115	16	86	0			
24				11.0						-	
25	The second		-							100	
26	116	30	74	5.5	183	14	92	0			100
27	156	29	(8)	5,5	106	8	92	4	9.		-
28	175	25	186	4.7	194	8	96	6			
29	192	19	190	4.2	204	5	98	2			
30	212	25	88	4.2	240	5	98	D			
31					1.40 50%			a negativitation in	- ANTERNATION		
OTAL	3807	790	4.0	84.2	4073	346	沙流				
YERACE	173		(80)	4.2	185	16 .	91	1.63		1000	1,0180
MUMIXA	340	54	100	8.9	573	হ্র		16			1.3
MUMINUM	108	19		2,6	60	5	1. ang	D			
11. p (c)	C	C		C	C	C		G	G	G	C
4:11	490	30_	4. N.		100 100	30	200	200	30	14.14	340



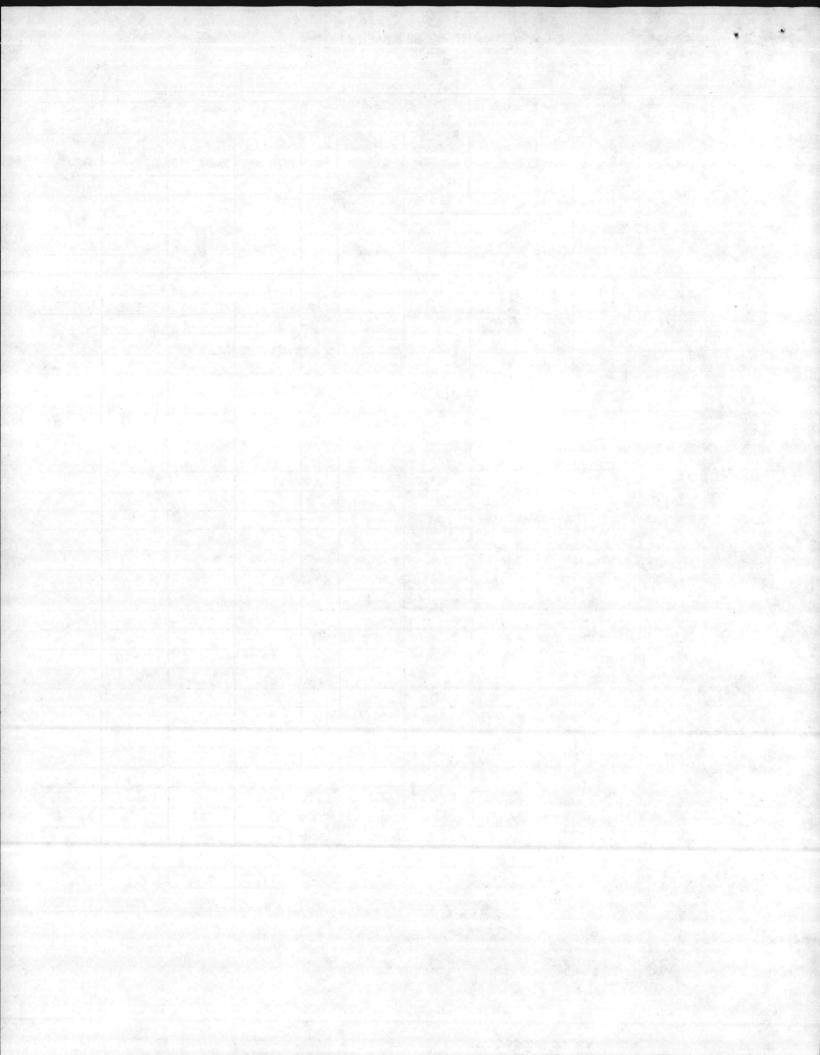
PWT	CAMP	JOH	1150	•1	The state of the s	TERMIT NO		Janua		YEAR 1987	
	003	10		00410	I NC	00032	37_	FECAL	00064	00100	MAKE .
	5 DAY 20°C BOD			AMMONIA	TOTAL SULP	ENDED RE	BUG		OIL . CEENE	TOTAL NITEOGEN	PHOOP HOE OU
DATE	THPWENT Mg/L	Mg/L	%	EFFWENT MAL	INFWELT Mg/L	EFRUENT Mg/L	%	EFFWENT MF/100 ML	EFFWENT Mg/L	EFFWENT Mg/L	
- Partie	64	10	184		154	17	89	0	5.0		
2											
3							7.5			and the Gay to	
4							0.00		Park at the	6.28.3	
5		7236	-,130	197			9245				
6	28	16	(50)	The state of	22	6	03	4			
7				100					See a see		
8	84	15	(82)	5.0	130	u.b	98	0			
9			•								
10					1.						
- 11										NO.	
12							15				
13	128	18	86		92	6	93	0			
. 14	1036	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									
15	80	15	(81)		38	6	84)	0			
16							P SE			Notes -	
۲۱						10 AL	1000				
18											1
19	96	15	84)	1.0	230	9	96	0			
2.0											
21								1034			
22		1970	-		2586	6 15 1					
	76	18	(76)	4.8	114	10	95	4			
24											-
25				0.0		-		,			
26	208	17	92	3,9	516	16	98	6			-
27											
28	50.00 P										
29	Oil	07	1	. 5 .	2.	10	60			-	
30	84	27	(3)	5,6	36	8	08)			-	-
31	9 110	151	1030	DN n	1220	100				 	1
TOTAL	848	151		20.3	1332	78	94	-		-	
LYERACE	94 1	17	(82	4.1	148			1,77		-	
Maximum	208	27		5.6	516	17		6			
MINIMUM COMP (C)	28	10		1.0	22	6		0	-	-	-
(c) (c)	C	30	-	C	C	<u>C</u>		200	G 30.	C	C



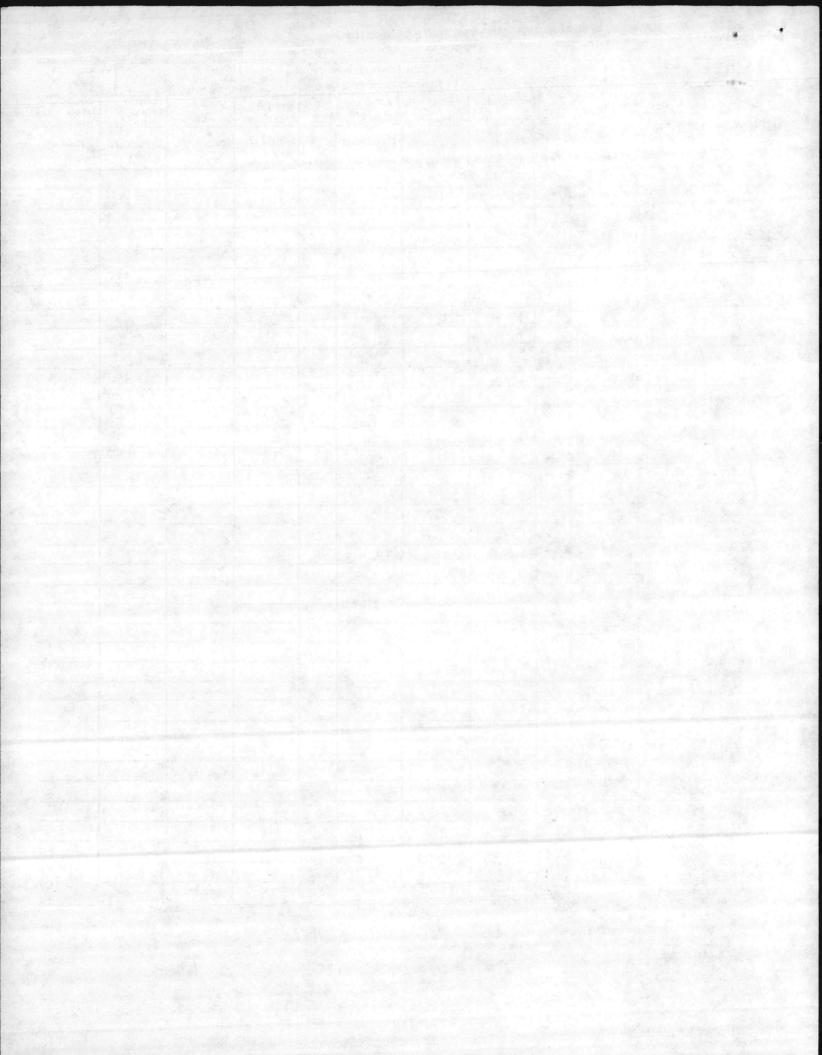
TWI	1 1 1	. n.		1160	1	TERMIT NO		HTMOM	YELR		
	FOURDA	310	Tui	1 401 10	1 NC	0003	239	January		1987	
	5 MY 20°C BOD			Amonia	TOTAL SUSPENDED RESOLU		SOUE	T/F COLIFORM	016 - CEENE	COLOGO TOTAL NITEGERN	TOTAL PHOSPHORAS
DATE	INFLUENT mg/L	Mg/L	%	ENFLUENT MAL	INFWENT Mg/L	EFRUENT Mg/L	%	EFFLUE NT MF/100 ML	EFFWENT Mg/L	1	EMPORNI
1	100	18	(2)	11 (2)	94	8	91	30/0	יישוב	My/L	Mg/L
2	108	19	82		65	7	89	10	400		-
3			105		6		01	10			
4	Tanaha a	La Vengi		Spirit Spirit and							
5	132	17	87	4.2	88	9	90	610	dispetation in the		
6	108	17	89	4.0	120	7	94	6/0			-
7	140	16	89	1.9	90	5	941	10/.0			
8	120	16	87	5.0	90	عر	98	2/0			
9	148	24	(84)	5.5	116	6	95	0/0			
10					de la como		-	010			
11			M Kar - 1				g AND				
12	108	19	(82)	2,9	76	9	88	10/4			1. 15
13	120	19	84)	3.7	94	1.	94	6/0			
14	112	17	85	4.4	85	6	93	6/2			
15	136	22	39	5.1	84	6	89	30/6			
16	128	25	80	4.7	74	7	91	20/2			610
17								2012			
18								Contraction (
19	72	22	(9)	2.8	58	13	08)	4/0	5		
20	108	21	60	3.8	116	14	88	50/0			
21	124	20	64)	4.1	801	9	92	14/0			
22	120	19	84)	4.4	80	7	91	26/0	• •		
23	108	25	(44)	43	128	15	88	10/0			at the sign
24								10.0			
25											W- W
26	140	17	88	3.7	140	11	92	010			
27	120	31	(8)	8.9	92	13	86	2/0			
28	168	22	87	6.9	132	11	92	6/0			
29	141	22	87	7.1	90	5	94	0/0			
30	108	36	67)	6.9	80	8	90	6/0			MOST SECTION
31			Carlo de		open de la compa	Control State					entropy had
TAL	2692	464	es tr	96,3	2100	184					
ERACE	122	21.	83	4 8	95	8	92	6.70	- N		- Y
MOMIX	168	36		8.9	140			50		-	
MUMIN	72	16	14	1.9	58	2		0			
10(c) 10(c)	С	C	14	C	C	C		G	G	Ç	C
אינוני	" France"	Agentalia - Agen	4. 1	e difference di pro-	Consultation	30		and a strong of the st	30	A 18 30%	A CONTRACTOR



PLANT		٥.				TERMIT NO		MONTH	EAR		
	IFLE	RANG		NCO	00323	39	TOTAL	Januar	1987		
	5 DAY 20°C BOD			Amonia		Total Suspended Resour			OIL + CEEME	TOTAL	TOTAL PHOOPHOEOUS
DATE	INFWENT Mg/L	Mg/L	%	MAL	INFWENT Mg/L	EFRUENT Mg/L	%	EFRURNT MF/100 ML	EFFURIT Mg/L	EFFWENT	EARLORNT Mg/L
1		100			3/2	ndie.	10	1 100 ML	1.3/2	Mg/L	1.21
2		Fare de la colonia	Acres 16								
3			Lan								100
4	27 H.2542										
5	27.07										
6	40	6	90		16	4	93	0			
7			1							5.09	1,315
8	36	8	(78)	0.08	7	2	CD	0			
9					100						3 3 4 4 5
10											
11						18 1 2 1 1 1 1 1					La sales
12							16.7				
13	32	8	(75)		10	2.	(80)	0			
. 14											
15	56	8	86		28	3	89	٥			
16											•
۲۱	110000000	5- 岩棚									
18									128		
19								100			
20							(2)				
21	56	7	88		23	4	83	0			The state of
22				`.		740				•	
23											
25											
24											
27							- Table 8-1			•	
28	80	10	88	0.26	1/4	7	96	ď			
29	30	10	0X	0.16	163		76	0			
30	or Carlotte Da										
31											
TOTAL	300	47	. (2)	0.34	246	22	20024		Tables of the same		
LYERAGE	50		(84)	0.17	41	4'	90	. 0			1. 11
MAXIMUM	80	10	1000	0.26	162	7					of the State of
MUMINIA	32	6		0.08	7	2		0			
(a) (a)	C	C	M. N.		C	C		G	G	G	C
Hornita	440	30				The Real Property lies and the least lies and the lies and the least lies and the lies and the least lies and the lies and t	1	70	30	To the Section	

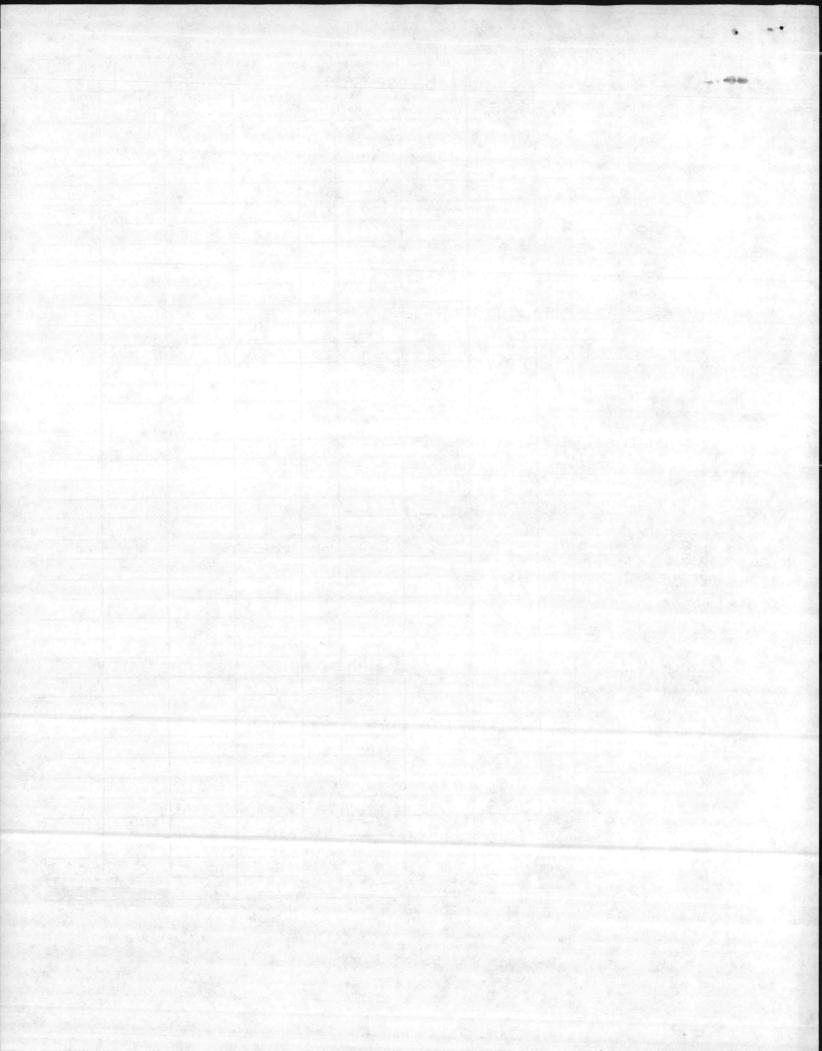


TMI	CourT	House	BA	у	NCO	TERMIT NO		Janua	1987		
	00	0.C 20D		MMONIA EFFLUENT		1530 ENDED RE		TOTAL	COMEL	TOTAL NITEOGEN	TOTAL PHOOPHOENS
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%		INPUENT Mg/L	EFRUENT Mg/L	%	EFFLUE NT MF/100 ML	EFFWELLT Mg/L	EFFWENT Mg/L	Land Street
- 1	-1-1-1		and the								Free Dis
2		445	100	edike i ka							
3								The S			
4								1 Tribunit			
5						100			niler saturb		
6	216	12	94		195	10	95	16	100		1.11.00
7				V . 10	and the second	e de la lace					
8	32	14	(56)	1.09	110	7	94	20			
9				1.09							
10				T T				-385.30	Special Little Co.		
11											
12					And the second				1000		
13	124	13	90		98	6	94	10			
14									- A-		
15	80	13	84		48	6	88	18			
16										GEL TO	
١٦					F out property						
18							5000				
19											
2,0	208	9	96	1.20	220	5	98	34			
2.1				1.20				4.00			
22			18.0								2 10 10 1
23											
24											
25											
26											
27	148	16	92		156	7	96	30			
28											
29	1.4										
30							ni Agree				
31	Market Control				Property Carlo	THE RELIGION OF					1
OTAL	808	77	350	2,29	827	41	111				
YERACE	135	13	90	1.15	138	7	95	19.7		•	U SI CLASS
MUMIXA	216	14	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1.20	220	10	1147	34			
MUMINU	32	9		1.09	48	5		10			1
(c) (c)	C	C.	Tir.	C	C	C		G	G	G	C
Surry Y	15 72 34	30	1.1		14.90	30	10	70	30		



MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY MCBEL 11845/6 (REV. 9-86)

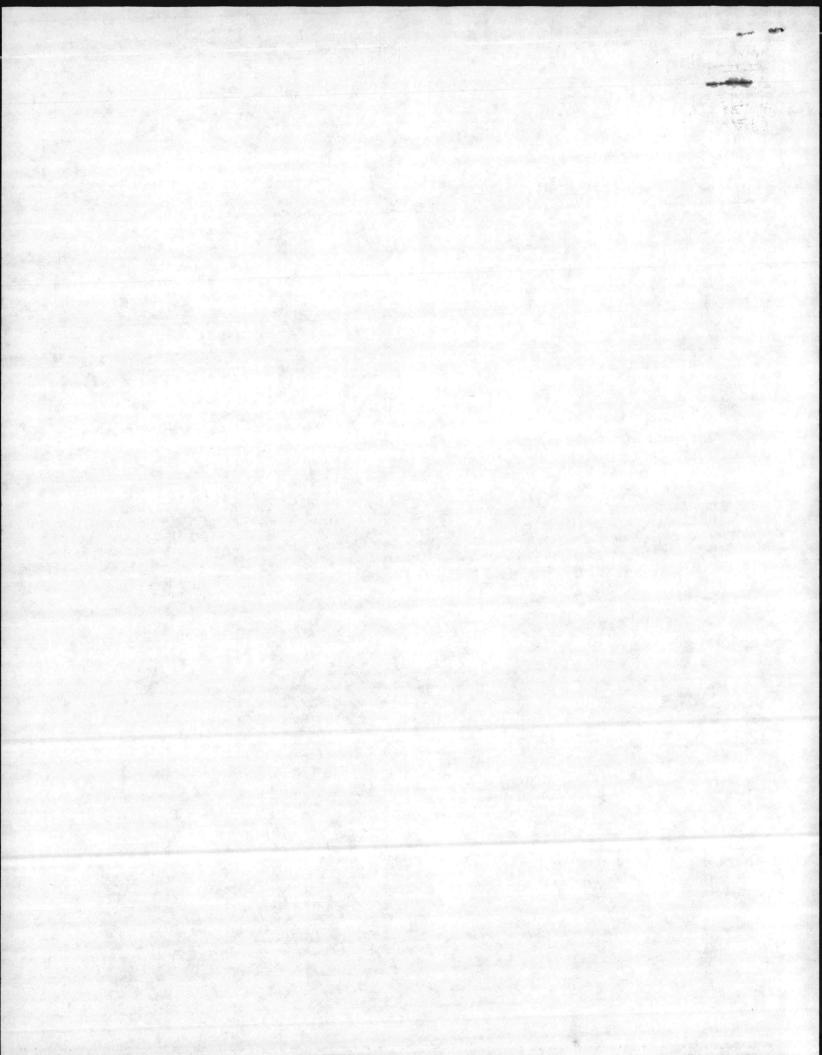
PLWT	Ouclas				TERMIT H		HTHOM	EAR.			
- all 600 /	ONSlov	V Bz	00410	-I NC	000323	39	Januar	1987			
	5 MY 20°C BOD			Munonia		TOTAL SUSPENDED RESOUTE			016 + CEENE	COLOG TOTAL NITEOGEN	TOTAL BURE
	INFLUENT Mg/L	EFFLUENT Mg/L	%	EFFLUENT	IMPURNT	EFAUENT		EFRURIT	EFFUENT	EFFWENT	EMPLUENT
DATE	1 ".3/-	Mg/L	1.	mg/L.	Mg/L	mg/L	%	MF/100 ML	Mg/L	Mg/L	Mg/L
2									and should have all the	12. 12. 18	
3									- 10		
4											
5									,,		
6	164	22	87		2/	5	01				
7	101	aa	01		36	3	86	6			
8	152	10	93	D.26	92	2	90	1			
9		10	, 12	0.66	72	2	98	6		Control of	
10											
11			•								
12	9		MA.	elle Allen			Sec.				
13	84	10	88		68	5	93	0			
. 14					- 00	<u> </u>	13				
15	156	14	91		64	9	92	2	- 4		
16					A						
۲۱											
18								4.			
19											Coleman
2,0	208	4	94		220	\$	28	34			6.40
21		Ÿ	_								
22	40	13	(83)		46	1.	87	2			
23				11.	ter and To						
24											
25											The state of
26											
27											
70	1011	10	0								
29	124	13	90	0.30	150	3	98	4			
30			1100			170.00					
31	rie e	02		Λ	1:						40.00
TOTAL	720	82	20	0.56	426	30	26				
VERACE	120	1/4	88	0,28	7/	5	93	2.88			
MUMIXAL	164	22		0.30	120	9		b			e estat Set
WOWINI	40		1.0	1.26	36	2		0			
(c)	C	30	2 V 3	C	C See See	30		70	G	C	C



VIOLATIONS OF NPDES LIMITS

(1) PRESENT PERMIT LIMITS

PLANT	PARAMETER	LIMIT	VALUE
Tarawa Terrace	BOD-EFF	30 mg/L	35 mg/L
Tarawa Terrace	BOD % removal	85%	80%
Hadnot Point	BOD % removal	85%	83%
Camp Johnson	BOD % removal	85%	82%
Rifle Range	BOD % removal	85%	84%
(2) PROPOSED PERMIT	LIMITS		
Tarawa Terrace	BOD-EFF	30 mg/L	35 mg/L
Courthouse Bay	Temperature	monitoring	no valves





UNITED STATES MARINE CORPS

Natural Resources and Environmental Affairs Division Marine Corps Base Camp Lejeune, North Carolina 28542

IN REPLY REFER TO:

6286/1 NREAD 15 Jan 87

From: 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 Teatment Plant Water Quality

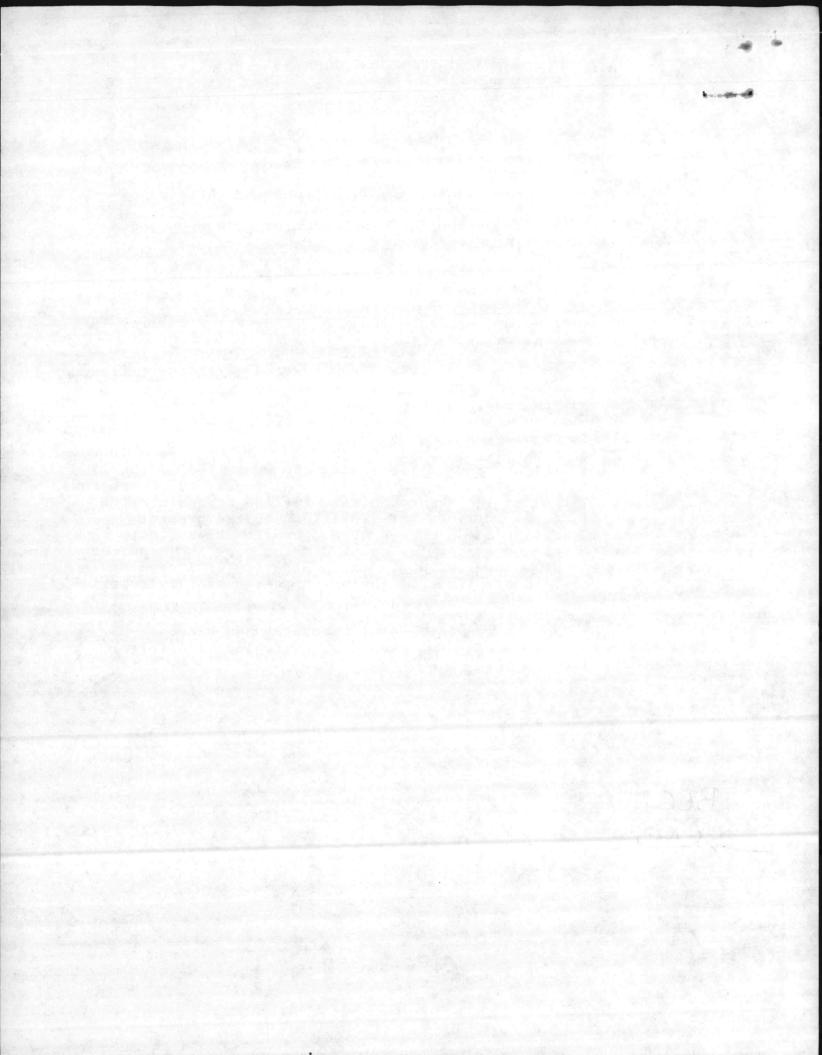
(2) Violations of NPDES Limits

1. It is requested that the enclosures be routed to the Utilities Systems General Foreman. Enclosure (1) summarizes 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 December 1986. Presently, only the Biochemical Oxygen Demand (BOD), Total Suspended Residue, and Coliform data are submitted to the EPA and State. The ammonia, oil and grease, nitrogen and phosphorus data is being generated as background data for the proposed NPDES permit. Enclosure (2) outlines the violations to the present NPDES permit as well as the proposed NPDES permit. Please note that the Tarawa Terrace wastewater plant did not meet the required monthly BOD percent removal of 85%. The laboratory will need an explanation by 21 January 1987 for inclusion in the monthly report.

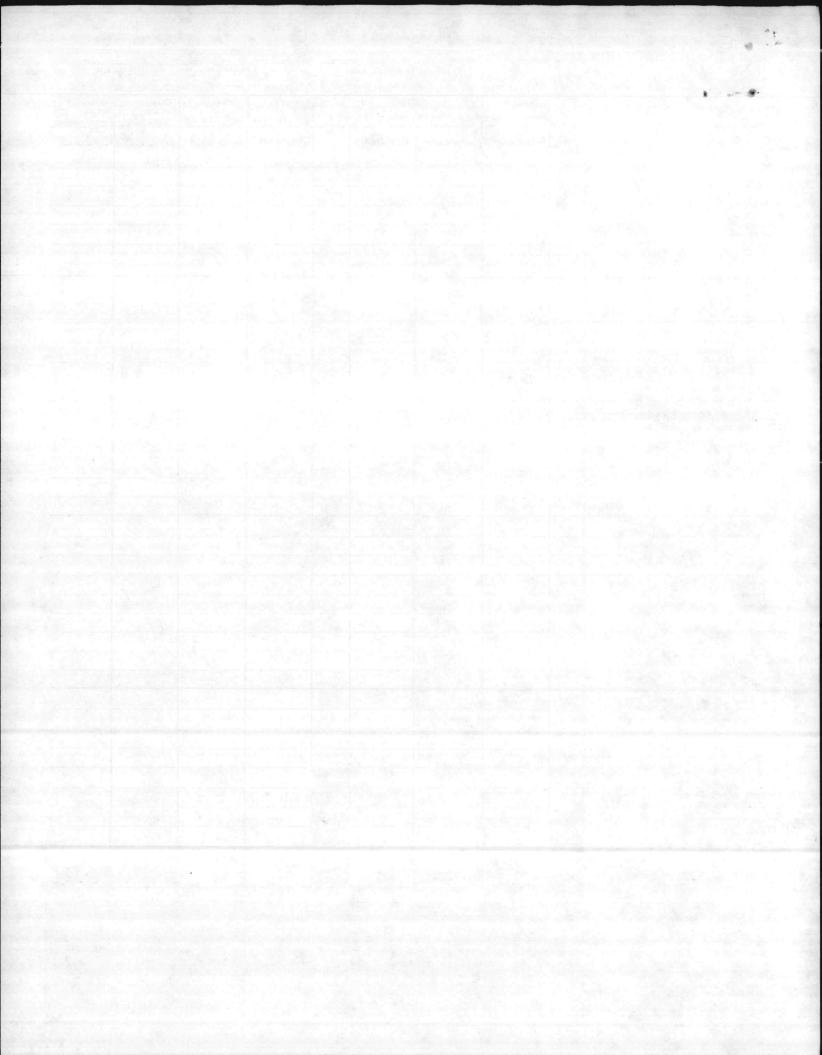
2. Questions regarding the enclosures should be forwarded to the Supervisory Chemist, Environmental Chemistry and Microbiology Laboratory, Natural Resources and Environmental Affairs Division, x5977.

J. I. WOOTEN

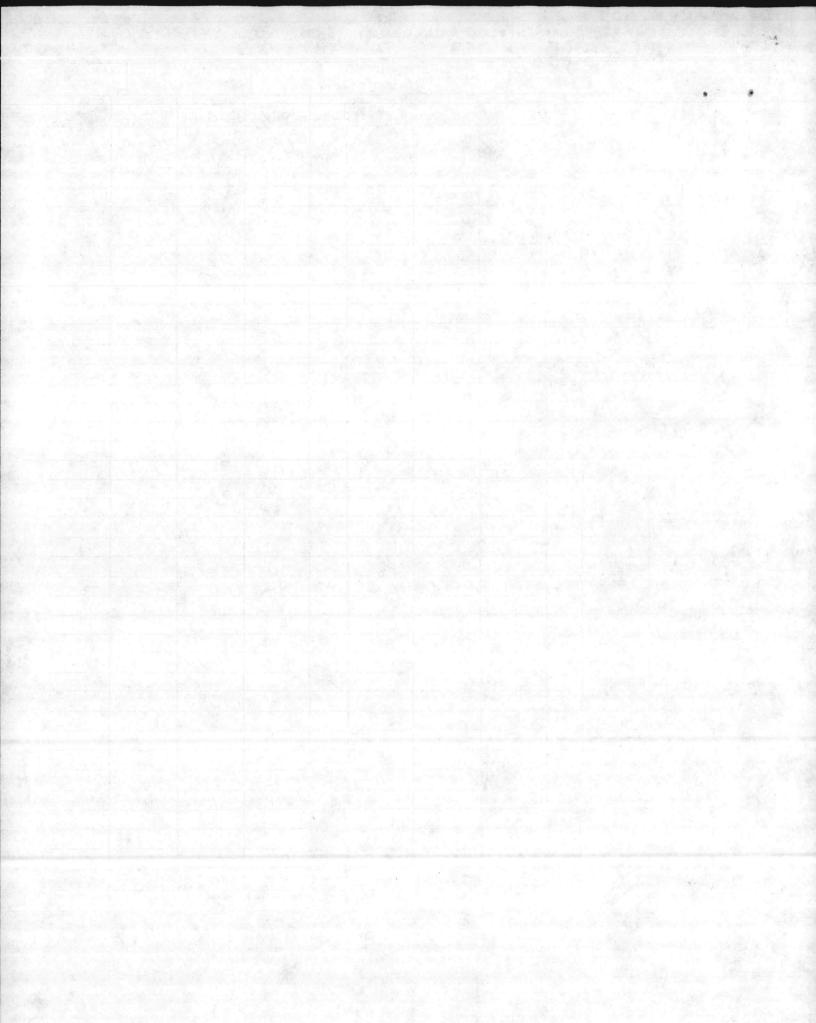
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TANT	N SLOW	s BE	ACH			PERMIT NO			MONTH		LAR
-			71 -74				3 < 3		DECEN		1986
	5 My 2	0°C 50D		Ammonia	8	1530 ENDED RE	BUE	COLIFORM	OIL + GEENSE	COLOO TOTAL NITEOGEN	TOTAL PHOPHOEOX
DATE	INFWENT Mg/L	Mg/L	%	EFFLUENT Mg/L	INFWENT	EFRUENT	%	EFFLUE NT MF/100 ML	EFFWIENT Mg/L		EFFLUENT Mg/L
DATE		11312	18	."5/4	Mg/L	mg/L	10	/100 ML	11476	Mg/L	113/2
2	248	16	94		56	7	88	4			
3	70	10			36	-	100				
4	260	12	95		. 52	,	98	0			La de Calada
5	1 000		10			-	1,0		0-8		
6					 			The second	0.0	<u> </u>	N. 52
7	2.252	790									
8						—				1.000	
9	188	12	94		70	7	90	10			
10	1		1			-	,				
11	140	10	93		92	6	93	40			
12	10400000						1	170.5			
13				CAN S				1/4 1-			
14								912			
15											
16	148	9	94		268	1	100	0			
17										State of the state of	
18	LAB	E RRUR	-		48	4	94	0			
19											
20							1	12 8 12 12			
2.1											
22	84	9	89		30	1	97	2		Filmon i	
23										1.00	
24											
25											
26					a tardys -						
27			` `								
28	M. H. San		34.5	14 S. F.							
29											
30	20	7	65		10	3	(70)	2			
31	e Audio Tales					- 15 AM				100	
OTAL	1088	75	- 44		646	30	The Figure		0.8	de la constant	
VERAGE	155	11	89		81	4	91	1.10 G			
MUMIXA	240	16			268	7	44	40	0.8		
MUMINI	20	7	7		30	1		0	0, 8		
eap (c)	C	C	1	C	C	C	Level	G	G	C	C
PARTIES .	100	30	2	-	00000	30	學學	70	30	18 19	2 7 1

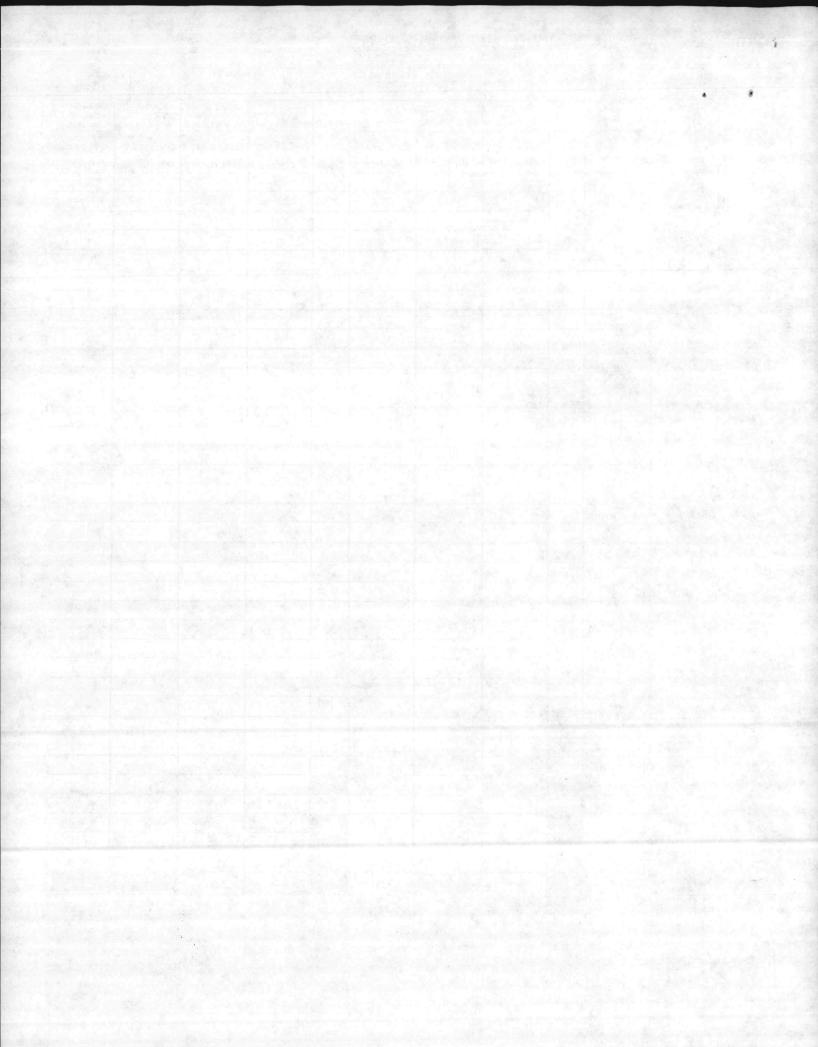


ZMI C	COURTHOUSE BAY					PERMIT NO		9	MONTH DECEM	BER	1986
	5 DAY 20°C BOD			MMONIA				TOTAL	OIL + GEENE	ODBOO TOTAL NITEOGEN	TOTAL PHOOPHORAL
DATE	INFWENT Mg/L	EFFLUENT Mg/L	%	EFFLUENT Mg/L	INFLUENT Mg/L	EFRUENT Mg/L	%	EFFWENT MF/100 ML	EFFWENT Mg/L	EFFWENT Mg/L	EMLUMNT MG/L
1				1000			10 To 10	1 2 1 1 2 1		-	
2	132	13	90	April 1	45	8	82	4			
3				100		Service Political		Section 1			
4	48	11	(77)		. 30	7	(57)	0	of delayers	Mary William	Application of the second
5			1				1		7.0	5.1.	
6											
7											
8						194,					
9	76	10	87		30	11	63	0			
10		and the same		e edit e a	Tel-1		1				
11	276	9	97		232	2	59	0			
12							-				
13											Transfer
14			Laure								
15							Mar 1		-0-230-00		
16	108	8	93		184	1	99	0			
۲)									40 2 3		
18	LAB	ERROR	-		16	1	94	0			
19			C. Lak		and the						
20											5.46
2.1		April 2 To									
22	80	10	88		240	8	97	12			
23	1 2 35										
24											
25							200				
26											
27		THE PARTY OF									
28											
29			1000	en der de							
30	60	8	87		80	7	91	2			
OTAL	780	69	448		857	45	100		7.0		
VERAGE	111	10	88		107	6	88	1.77 GM			
MUMIXAL	276	13	47		240	11	08	12	7.0		
MUMINI	48	8			16	1	* 50	0	7.0		
eap (c)	C	C		C	C	C	1.30	G	G	C	C
PATTING!	1	30						70	30 -		

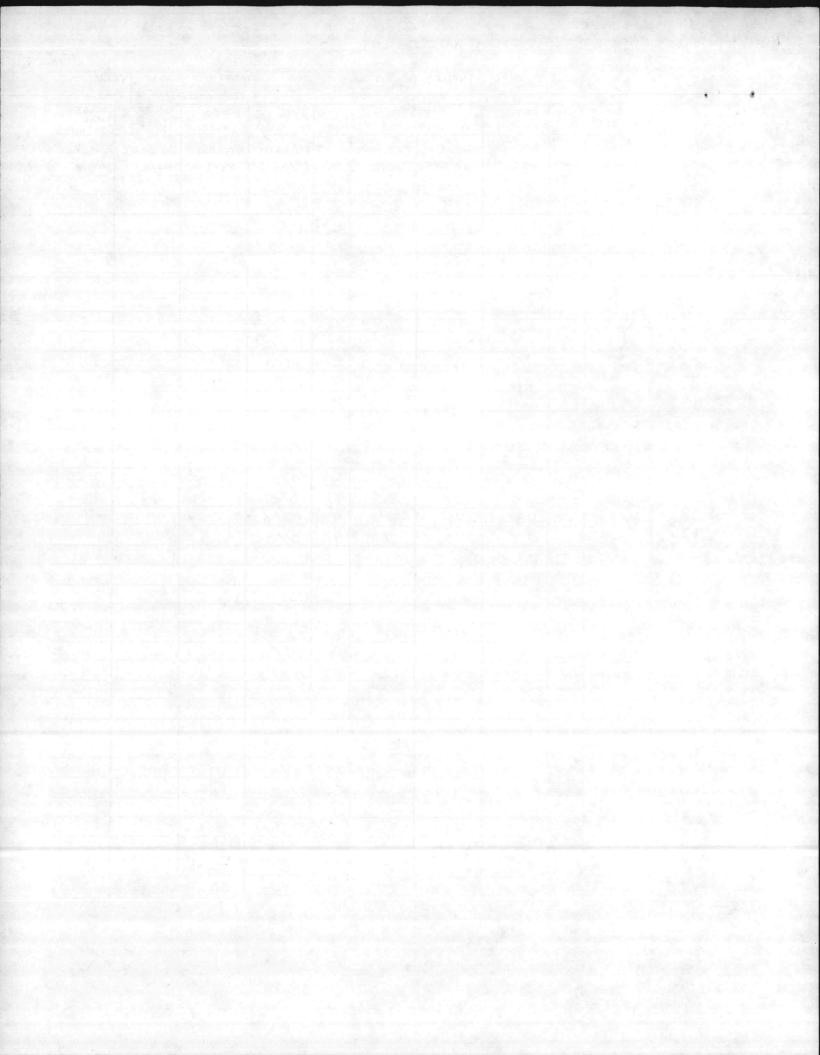


MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY MCBCL 11845/6 (REV. 9-86)

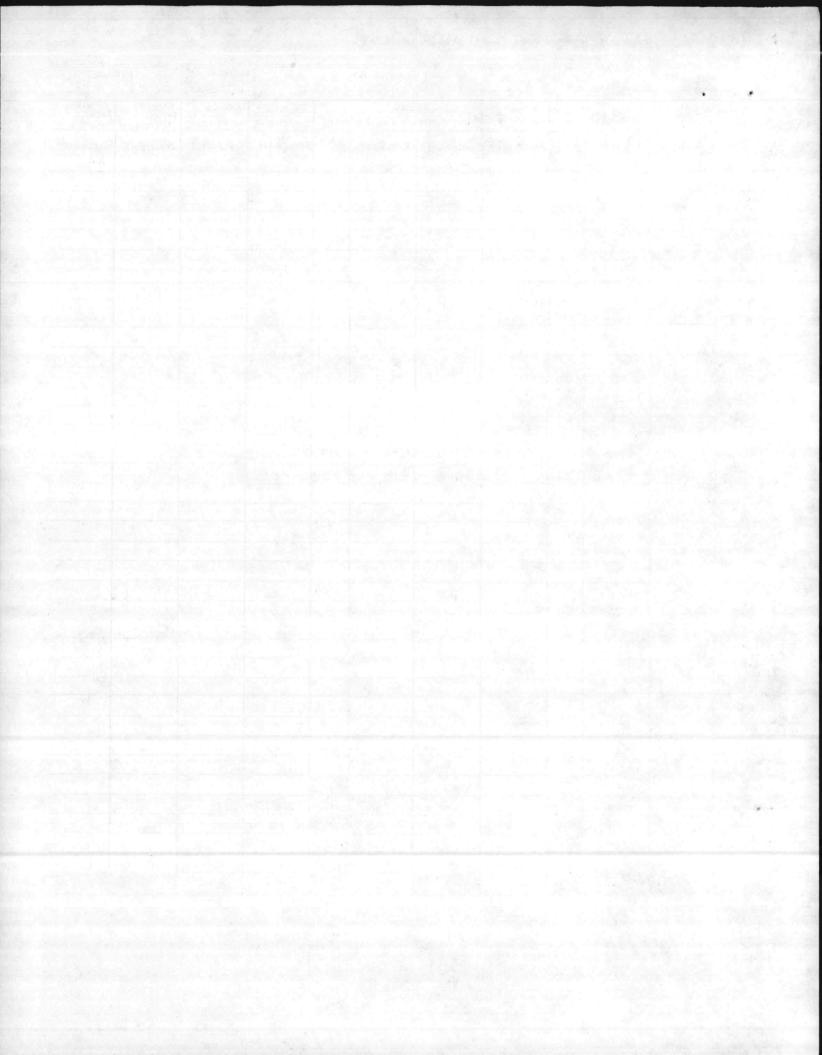
TMAS	RIFIE	RANG	<i>i=</i>			PERMIT NO			MONTH DECE N		1986
	00	310 0°C BOD	<u> </u>	MMONIA	0	0530 ENDED RE		TOTAL	00864 OIL + GEENSE	00600	TOTAL PHOOPHOEAS
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EFFLUENT Mg/L	INFWENT Mg/L	EFRUENT mg/L	%	EFFLUE NT MF/100 ML	EFFURIT Mg/L	EFFWENT Mg/L	
DAIL		3/2			315	India.	10	1100 MC		1.5/2	3,12
2	60	6	90	24-11-14-15	54	3	94	2			# 1-15 A.S.
3		14.00	,,	94.20	1.		-	-	The Brake St. of		
4	72	10	86		. 68	4	94	٥			
5	/ ~	/0	-				-		0		196
6									0		
7						PERSONAL PROPERTY.		4 5			100
8	A 18 0 0 0 0 0 0								4.0		
9	40	6	90		20	4	(80)	0			
10	70	0	70			7	(00)				
11	32	6	(8)		12	3	(75)	0			
12	30	-	(0)	grade and the		-	(0)				10 A 10 A 10 A
13											
14											
15							2.284				
16	20	5	(75		88	3	97	0	PER 1		A Sec.
17			7.5		eduction of	1040 and a	1				
18	LAB	ERRUR	-		40	1	98	0			
19	-/10	CTACGIC							2.49		1
20			Tag-								
2.1	1000										1
22	44	5	89		30	2	93	0			
23	1980		-/			-	1				
24											April 1
25									F All S		
26											1 2
27											
28		Charles and					二城				
29					11/0						
30	24	5	79		5	2	60	0			
31		Mark Stranger					0		Contract of	E A SECTION	
TOTAL	292	43	9000		317	22	THE P		0		
AVERAGE		6	84		40	3	86	1.09 4 GN	-		
Maximum		10			88	4	174 Mai		0		1,242
ninimum	20	5			12	1		v	0		100000
comp (c) GEAB (G)	C	C		C	C	C	1,134	G	G	C	C
Mounty	No Particular	30	1		(福) (高)	30			30		CALL THE



PLANT	HADNOT	POINT		Type of a page on		Permit No 3003239			MONTH DECEMBI		1986
* x	5 MY 2	310		Mmonia		0530 ENDED RES	ME	T/F COLIFORM	OIL + GEENSE	OOGOO TOTAL NITEOGEN	TOTAL PHOOPHORAS
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EFFLUENT Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	EFFWENT MF/100 ML	EFFWENT Mg/L	EFFWENT Mg/L	EARLURNT Mg/L
1	200	18	91	3.8	140	12	91	4/2			
2	188	19	90	4.3	132	12	91	66/14		A CONTRACTOR OF	n Bar Brit.
3	124	16	87	5.1	112	6	95	6/0			
4	124	23	81	4.8	98	5	95	10/0			
5	148	22	85	4.2	108	8	93	8/2	0.2		
6								60.04			
7							8.7				
8	112	16	86	3.5	96	6	94	10/0			A Section 1
9	194	17	96	4.7	213	9	96	10/0			
10	128	16	88	5.6	106	10	91	10/0			
11	156	/8	88	4.6	138	8	94	60/0			
12	152	26	83	5.9	/38	5	96	30			
13	102		1								
14											and the contract of
15	104	17	84	4.1	72	7	90	20/4			· In an
16	144	zz	85	5.3	58	12	79	4/2			
17	186	24	82	6.4	//8	10	92	0/0			10.00
18	LAB	ERROR	1	6.2	96	8	92	16/0			
19	LAB	ERROR	L.	5.9	70	7	90	0/0			
20											
21			145.05		-565						Security 1
22	100	19	81		66	9	86	12/0			
23	108	21	8/		83	10	88	4/0			
24	100	20	80		117	9.	92	20/0			
25	104	13	88		96	6	94	10/2			
26		ERROR	_		94	11	88	550/0			
27							of still so				
28											
29	128	16	88		132	12	9/	20/0			
30	128	19	85		54	8	85	80/0			
31	92	/8	80		64	8	88	2/0		The State of the S	
TOTAL	2672	380	4.4		2401	198	Sec.		0,2		
AVERAGE	/	19	85	5.2	104	9	91	11.85/1.50			
MAXIMUM	3	26	THE REAL PROPERTY.	6.8	213	12			0.2		
HINIMUM		13		3.5	54	5		0/0	0.2		The foundation
COMP (C) GEAB (G)	C	C		C	C	C		G	G	C	C
Monthan	1000	30		19.0	14 - 14 M	-		70	30	19-20-	

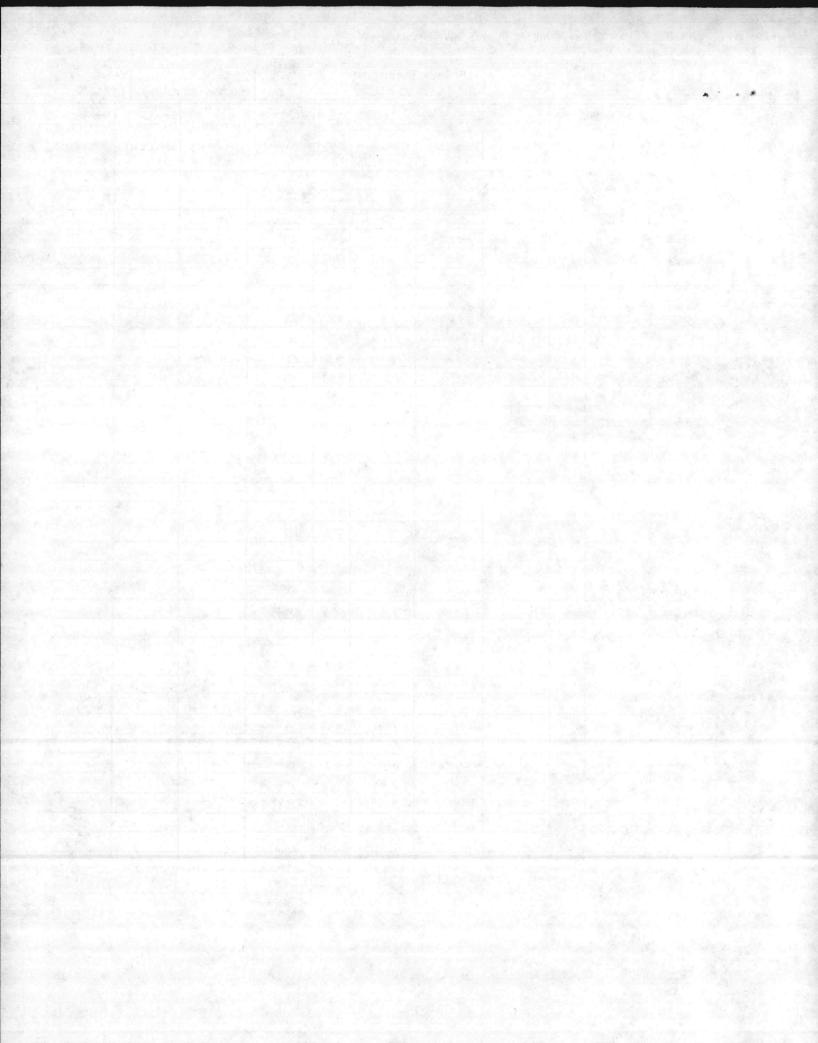


PLANT C	AMP JO	MOSON			N	PERMIT NO			MONTH DECE	MBER	1986
- 7	5 My 20°C BOD			00410 Ammonia					OIL - GEENSE NITEOGEN		TOTAL PHOOPHOROUS
DATE	INFLUENT Mg/L	Mg/L	%	EMPLUENT Mg/L	INFWENT Mg/L	EFFLUENT Mg/L	%	ME/100 ML	EFFURNT Mg/L	The sales of the sales	EATLURNT Mg/L
1						The state of					
2	108	18	(83		76	10	87	2			
3						4 To 10		1.1			2 potent
4	160	11	93		. 32	a	94	0		Art 17 Jan	make a
5				in the second			go tooling	den year ge			ed-tudostiv.
6									1 × 1 ×	bre de	
7											
8											
9	140	12	91		82	4	95	0			
10		4256								Barbara Maria	
11	84	7	92		28	1	96	0			
12											
13											
14							19.				
15		The Park									
16	88	7	92		40	1	98	10			
17											
18	LAB	ERROR	-		20	1	95	12			
19											
20		Sec. 25		Entert in							
21											
22	48	10	79		30	6	80	6			
23	108	12	89		48	4	92				
24	, , ,		10/	Silver Succession						L.C.	
25											
26										4.0	Market Street
27		As an a									
28											
29						As Flance					
30	56	8	86		33	4	88	2		Part Control	
31											
TOTAL	792	85	150		389	33	100		147		
AVERAGE	00	11	89		43	4	92	2.836	۹.		
MUMIXAM	160	18			82	10		12		1	
NIKIMUM	48	7		Nage of Secretary	20	1	· V	0			· Pro-Manager
COMP (C) GEAP (G)	C	C		C	C	C		G	G	C.	C
Worthand	100 St.							200	30	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Marina?

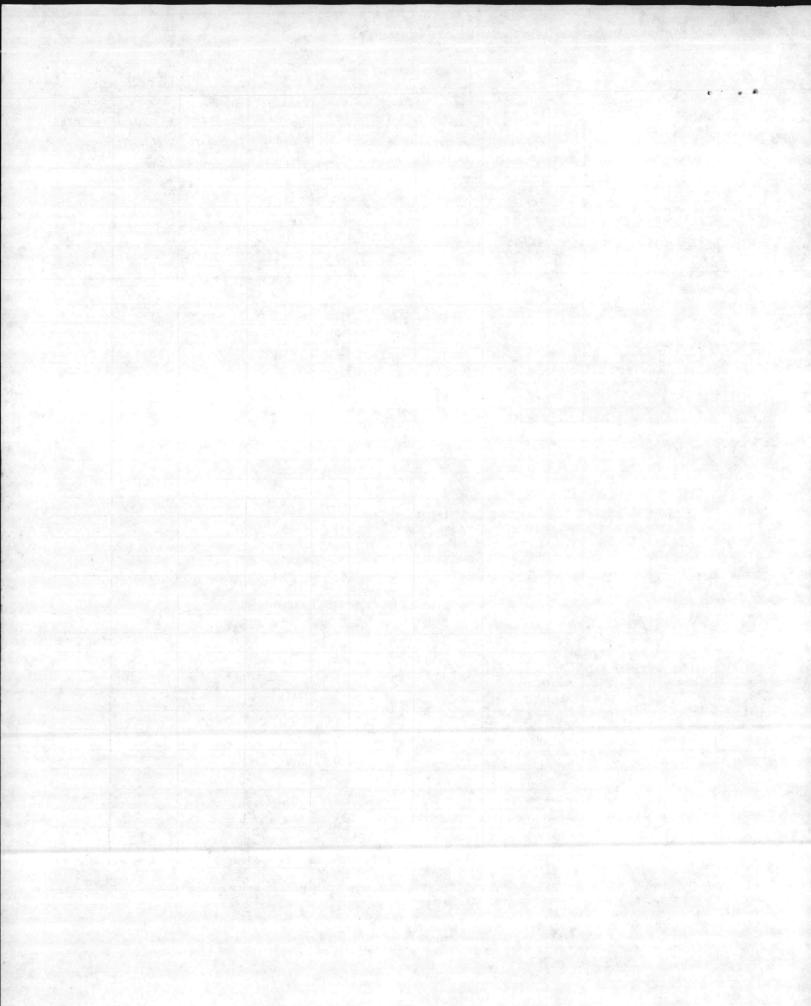


MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY MCBCL 11345/6 (REV. 9-66)

TM	TARAWA	TERRA	Œ			Permit No 1003239			MONTH DECEMBE	e 1	186
		00°C BOD		MMONIA		0530 ENDED RE	SOUE	FECAL COLIFORM	00064 OIL • GEENE	OOGOO TOTAL NITEOGEN	OOGGS TOTAL PHORPHOROUS
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EFFWENT Mg/L	INFWENT Mg/4	EFRUENT Mg/L	%	EFFWENT MF/100 ML	EFFURNT Mg/L	EFFWENT Mg/L	EARLUANT MG/L
1	120	27	78)	3.3	296	16	95	26			
2	128	24	(8/)	6.7	134	9	93	8			
3	144	19	87	3.4	130	7	95	(70)	The state		
4	220	22	90	2.9	176	4	48	6			
5	176	27	85	3.9	78	8	90	Z	1.5		
6											
7								Maria .			
8	188	25	87	3.5	94	12	87	2			January 11 Town
9	192	25	87	4. 2	138	11	92	2	7/1 7/1 7/1 7/1 7/1 7/1 7/1 7/1 7/1 7/1	1 100	100
10	184	37)	(80)	5.6	118	16	86	0			
11	168	32	(81)	5.5	120	10	92	0			
12	204	28	86	3.6	310	9	97	4			
13	207	20	00	3.0	370	-	1/				1419
14	204	28-	86		310	9	97	4			
15	200	29	86	3.3	92	9	90	0			
16	174	(31)	(82)	7.2	194	7	96	0			
17	180	29	84	4.9	94	7	93	0			
18		PROR.	107	3.9	48	8	88	0		, 60 A	10.00
19		PROR -		3.7	130	9	93	10			
ZO.	410 0			0.7	150	1	13	1.0			
2.1										 	
22	140	(34)	74)		140	14	90	0			
23	188		86		108	13	88	0			
24	100	27	100	b SAMP		1 (-5	XA	1			1000
25			TN		Parameter Contract of the Cont	+		—			
26	IAA F	PROR -	1.		196	15	92	4	1		
27	210 2				110	1	1-	1			
28											129
29	140	29	(79)		97	19	80	0			
30	172	30	83		272	14	95	40			
31	160	(42)	74		98	19	81	0			
TOTAL		519		64.6	3085	236	01	_	1.5		
	171	29.	(33)	4.3	147	11	11. 1999	2.88° G W			
MAVINIA	220	42	03	7.2	3/0		THE PARTY OF THE P	70	15	100	
MUMINIM	120			2.9	78	19.		0	1.5		3.30
COMP (C)	C	19							-		10
Mountly (C)		30			C	30		200	30	135 SO 105 S (104)	C



PLANT	AMP G	EIGER				Permit No 203239		- 2	MONTH DECEMBE		1986
	00	0°C 50D		MMONIA	0	0580 ENDED RE		FROAL	00864 OIL + GEENSE	00600 TOTAL	TOTAL PHOOPHOENE
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EFFWENT Mg/L	INFLUENT Mg/L	EFAWENT Mg/L	%	EFFWENT MF/100 ML	EFFURENT Mg/L	B. 6 32.49	EARLURNT MG/L
1	148	4	97	11.6	110	2	98	4			
2	172	12	93	9.9	134	6	96	2			
3	104	10	90	8.7	56	5	91	2	第二次的 2000		1000
4	172	8	95	8.4	130	1	99+	0			
5	128	11	91	9.2	94	7	93	0	0		Alley Sheep
6											
7											
8	196	9	95	9.4	180	1.11	94	0			
9	148	10	93	10.2	100	8	92	0			1 1 2 2 2
10	234	12	95	9.5	94	6	94	0			
11	136	16	88	9.2	84	8	91	6			
12	156	17	89	12.1	98	4	96	30			
13	100		-				1.0	30			
14							Hermin				
15	120	16	87	8,2	50	4	92	0			
16	108	10	91	9.8	52	1	98	0			
17	160	10	94	9.0	76	4	95	0			100
18	District Control of the Control of t	EROR -		10.5	90	3	97	40			
19		PROR-	_	10.5	68	6	91	0			
20				A	00				1988		
21											100
22	88	7	92	40	60	3	95	0			
23	108	5	95	90	82	7	91	18			
24	100	A NOTE OF	75	NO 54	MPLE		1 1959				
25				NO SA							100
26	LAB E	eene -	_	+	42	10	76	0			
27	ZHR Z	7202				10			E. S. San St.		
28			100								
29	156	8	95		183	9	95	0			
30	108	5	95		120	2	98	0			
31	124	9	93		82	6	93	0		7.74	200
TOTAL	2568	179	Table 1		1987	113			U	1 1 1 1 1 1 1	11/1/2012/14/15
AVERAGE	143	10	93	9.7	95	5	94	2.04 GW	-		
MAXIMUM	236	17	and were	12.1	183	11			0		
NIKIMUM	88	4		8.2	42	1 1		O	0		
COMP (C)	C	1		C	C	c	No.			C	C
Mountly		30		4.0				200	G 30		THE RESERVE OF THE PARTY OF THE



VIOLATIONS OF NPDES LIMITS

I. Present NPDES Permit Limits:

PLANT	DATE	PARAMETER	VALUE	LIMIT
Tarawa Terrace	Dec 86	BOD % Removal	83%	85%

II. Proposed NPDES Permit Limits:

PLANT	DATE	PARAMETER	VALUE	LIMIT
Camp Geiger	1-6 Dec 86	Ammonia	9.6 mg/L	4.0 mg/L
H	7-13 Dec 86		10.1 mg/L	H .
an and an analysis of the	14-20 Dec 86	H .	9.6 mg/L	U .
"	December 86	u .	9.7 mg/L	3.0 mg/L

