20 DEC 1984

Mr. Robert F. Helms, Director Division of Environmental Management NC Department of Natural Resources and Community Development Post Office Box 27687 Raleigh, NC 27611

Dear Sir:

In accordance with requirements of National Pollutant Discharge Elimination System (NPDES) permit number NC 0003239, Discharge Monitoring Reports (DMRs) for the period September, October, and November 1984 are submitted:

Incomplete data is provided for the week 9-15 September 1984 due to the impact of Hurricane Diana on utilities and laboratory operations. After 9 September, the Biochemical Oxygen Demand (BOD) or Total Suspended Solids (TSS) were not run for the seven wastewater treatment plants. Also, the BODs reported for 6 September were seven-day BODs and the BODs for 7 September were six-day BODs, due to the laboratory being secured on 12 and 13 September 1984.

Rifle Range Wastewater Treatment Plant violated the NPDES permit requirement for monthly BOD percent removal average for October 1984. The violation is attributed to the low BOD loading. Influent and effluent monthly averages were 33 mg/l and 5 mg/l respectively.

Courthouse Bay Wastewater Treatment Plant violated the NPDES permit requirement for TSS percent removal average for November 1984 with an 80.4 percent. The violation is attributed to a faulty bearing in the center column of the trickling filter. The bearing has been replaced.

The storm drain violation depicted by the enclosed table may be correlated with base geography and facilities by referring to maps with numbered storm drain monitoring points that have been previously provided to your agency. Storm drains that have no values reported for the guarter were checked; however, each time they were checked they were either dry or had no flow. The base environmental staff is continuing to work on operational control methodology to reduce oil and grease and suspended solids discharges. 20. DEC 1984

SALL THE STATE

Nan Argina Adha Casaing Ang Ang Ang

For further pertinent details on any of the above, you may contact Mr. Julian Wooten, Director, Natural Resources and Environmental Affairs Division at (919) 451-5003/2083.

Sincerely,

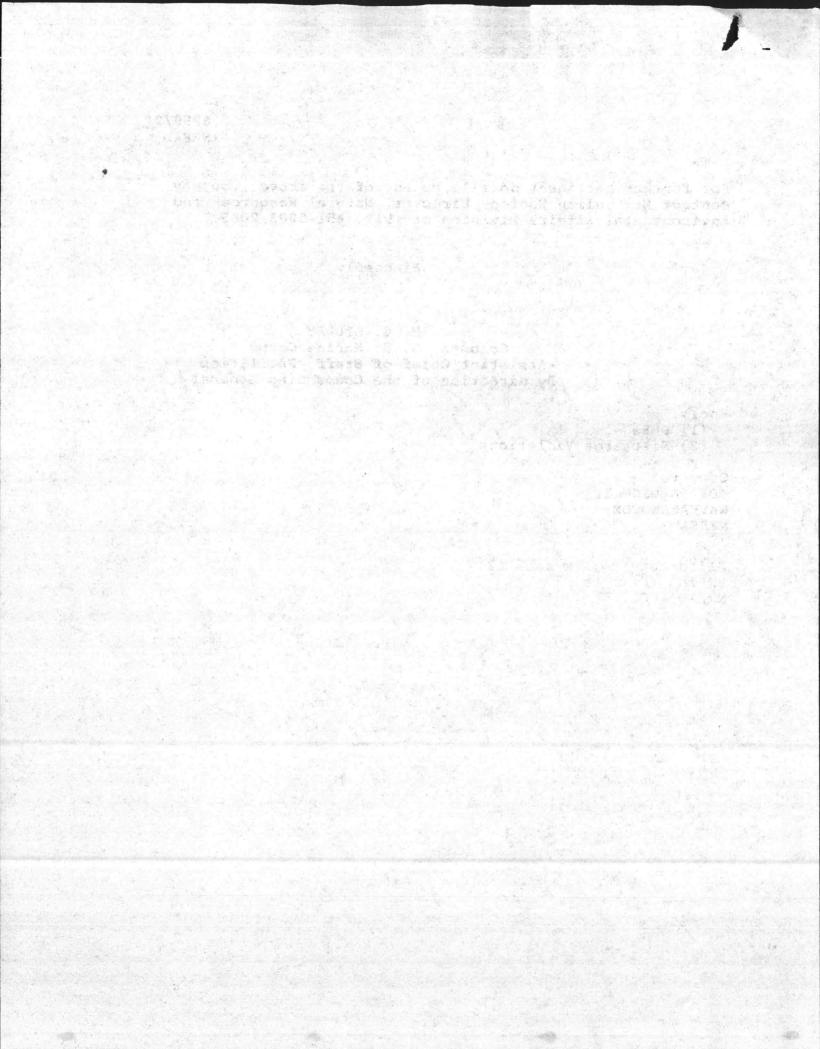
M. G. LILLEY Colonel, U. S. Marine Corps Assistant Chief of Staff, Facilities By direction of the Commanding General

Encls:

DMRs
 Discharge Violations

Copy to: EPA, REGION IV NAVFACENGCOM NEESA

Blind copy to: (w/encl (2)) BMAIND (Util Br) NREAD (OCL)



NPDES PERMIT NO. NC000	3239 VIOLATIONS FO	R THE PERIOD	September, October	, November 1984
Monitoring Station or Storm Drain No.	Parameter	Parameter <u>Limits</u>	Value	Date
SS 05	BOD% Removal	85%	84.8%	October 1984
SS 06	TSS% Removal	85%	80.4%	November 1984
SD 69	рН	6.0-9.0	5.1	9 September 1984
SD 28	рН	6.0-9.0	9.1	26 November 1984
SD 42	TSS	50 mg/1	295.2	26 November 1984
SD 90	рН	6.0-9.0	5.8	27 November 1984



20 DEC 1984

Mr. Robert F. Helms, Director Division of Environmental Management NC Department of Natural Resources and Community Development Post Office Box 27687 Raleigh, NC 27511

Dear Sir:

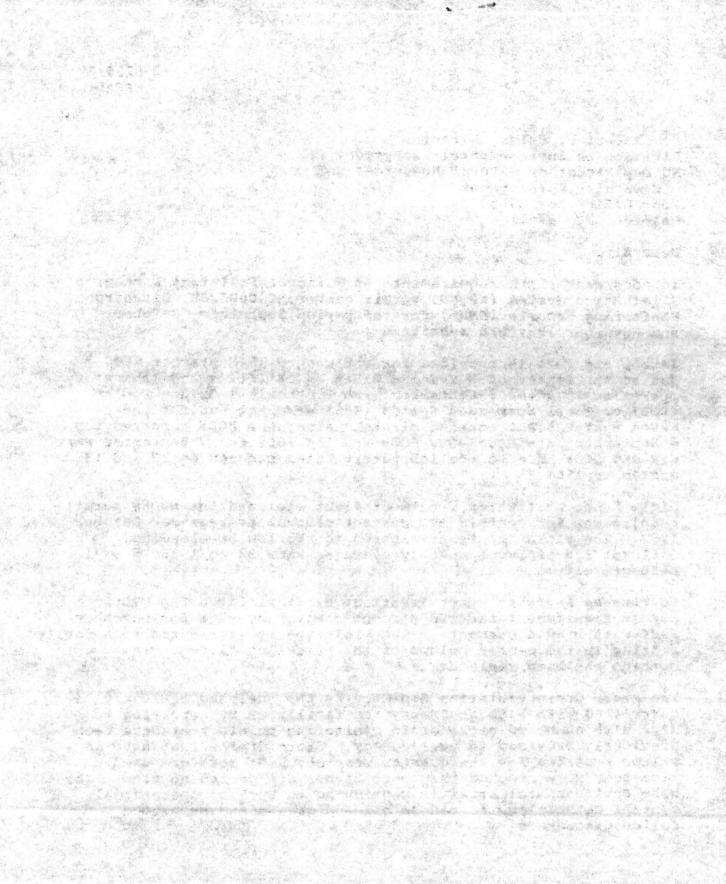
In accordance with requirements of National Pollutant Discharge Elimination System (NPDES) permit number NC 0003239, Discharge Monitoring Reports (DMRs) for the period September, October, and November 1984 are submitted:

Incomplete data is provided for the week 9-15 September 1984 due to the impact of Hurricane Diana on utilities and laboratory operations. After 9 September, the Biochemical Oxygen Demand (BOD) or Total Suspended Solids (TSS) were not run for the seven wastewater treatment plants. Also, the BODs reported for 6 September were seven-day BODs and the BODs for 7 September were six-day BODs, due to the laboratory being secured on 12 and 13 September 1984.

Rifle Range Wastewater Treatment Plant violated the NPDES permit requirement for monthly BOD percent removal average for October 1984. The violation is attributed to the low BOD loading. Influent and effluent monthly averages were 33 mg/l and 5 mg/l respectively.

Courthouse Bay Wastewater Treatment Plant violated the NPDES permit requirement for TSS percent removal average for November 1984 with m80.4 percent. The violation is attributed to a faulty bearing in the center column of the trickling filter. The bearing has been replaced.

The storm drain violation depicted by the enclosed table may be correlated with base geography and facilities by referring to maps with numbered storm drain monitoring points that have been previously provided to your agency. Storm drains that have no values reported for the quarter were checked; however, each time they were checked they were either dry or had no flow. The base environmental staff is continuing to work on operational control methodology to reduce oil and grease and suspended solids discharges.



For further pertinent details on any of the above, you may contact Mr. Julian Nooten, Director, Natural Resources and Environmental Affairs Division at (919) 451-5003/2083.

Sincerely,

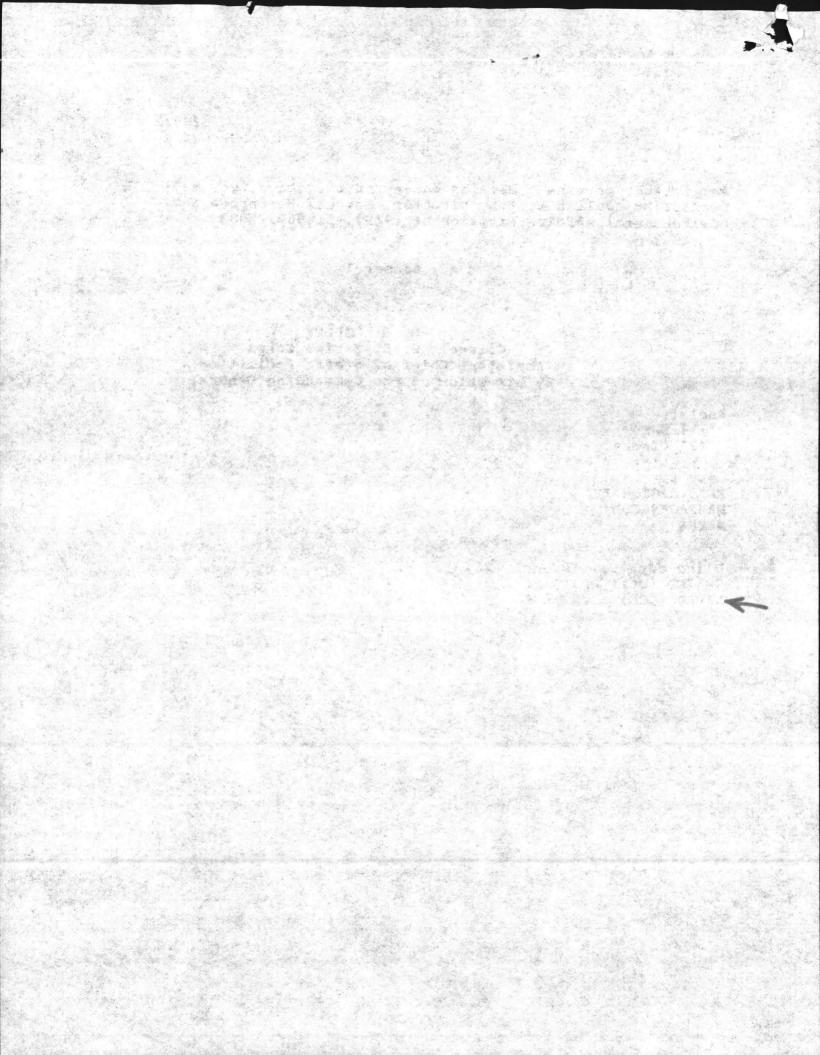
M. G. LILLEY Colonel, U. S. Marine Corps Assistant Chief of Staff, Facilities By direction of the Commanding General

Encls:

(1) DMRs
(2) Discharge Violations

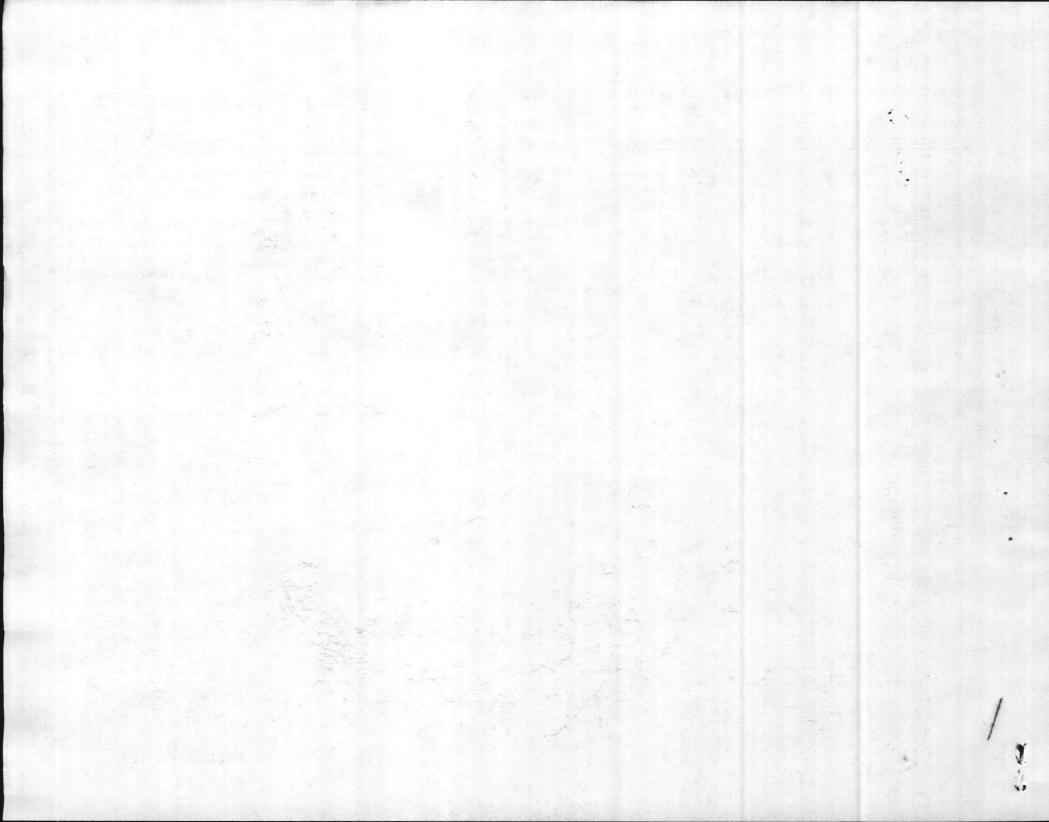
Copy to: EPA, REGION IV NAVPACENGCOM NEESA

Blind copy to: (w/encl (2)) BMAIND (Util Br) NREAD (QCL)



NPDES PERMIT NO. NC000	3239 VIOLATIONS FO	R THE PERIOD	September, October	, November 1984
Monitoring Station or Storm Drain No.	Parameter	Parameter <u>Limits</u>	Value	Date
SS 05	BOD% Removal	85%	84.8%	October 1984
SS 06	TSS% Removal	85%	80.4%	November 1984
SD 69	рН	6.0-9.0	5.1	9 September 1984
SD 28	рН	6.0-9.0	9.1	26 November 1984
SD 42	TSS	50 mg/1	295.2	26 November 1984
SD 90	рН	6.0-9.0	5.8	27 November 1984

11



Regional Administrator Region IV, Water Enforcement Branch 345 Courtland Street Atlanta, Georgia 30309

Dear Sir:

In accordance with theuirements of National Pollutant Discharge Elimination System (NPDES) permit number NCOOO3239, Discharge Monitoring Reports (DMRs) for the period September, October, November 1984 are submitted.

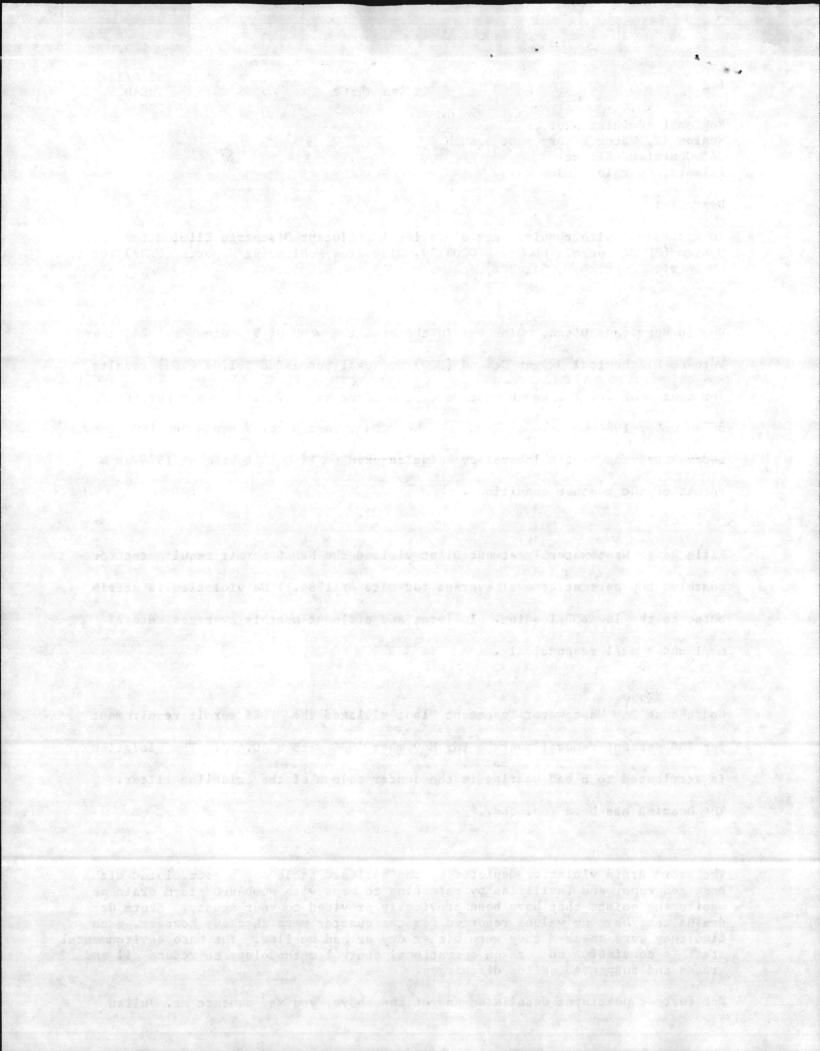
Due to Hurricane Diana, which was in the area the week of 9 September 1984, there were no Biochemical Oxygen Demand (BOD) or Tokal Suspended Solids (TSS) results for that week for the seven wastewater treatment plants. The BODs reported 66r 6 September 1984 were 7-day BODs and the BODs reported for 7 September 1984 were 6-day BODs, due to the laboratory beign secured on 12 & 13 September 1984 as a result of the weather conditions.

Rifle Range Wastewater Treatment Blant violted the NPDES permit requirement for monthly BOD percent removal average for October 1984. The violation is attrib buted to the low BOD loading. Influent and effluent monthly averages were 33 mg/1 and 5 mg/1 respectively.

Courthouse Bay Wastewater Treamment Plant vidiaedd the NPDES permit requirement for TSS percent removal average for November 1984 with a 80.4 %. The violation is attributed to a bad bearing in the center column of the trickling filter. T The bearing has been replaced.

The storm drain violation depicted by the enclosed table may be correlated with base geography and facilities by referting to maps with numbered storm drain mo monitoring points that have been previously provided to your agency. Storm dra drains that have no values reported for the quarter were checked; however, each time they were checked they were either dry or had no flow. The base environmental staff is constating to work on operational control methodology to reduce oil and grease and suspended solids discharges.

For further pertinent details on any of the above, you may contact Mr. Julian



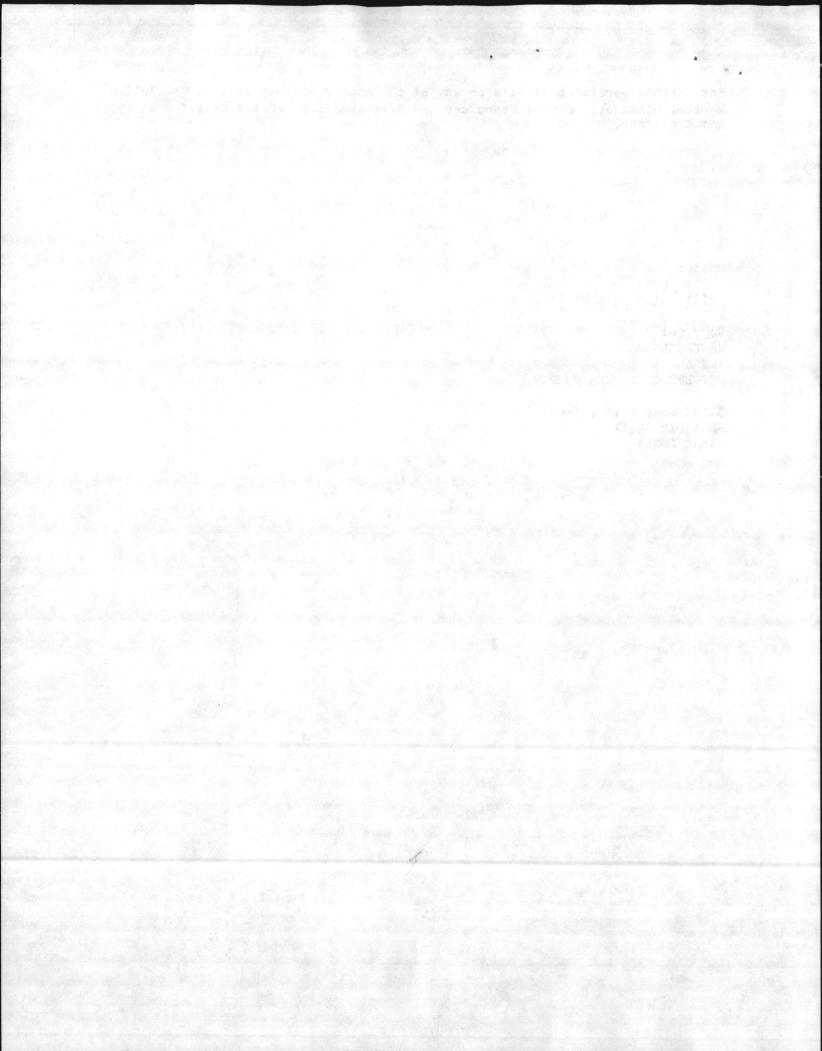
For further pertinent details on any af the above, you may contact Mr. Julian Wootem, Director, Natural Resources and Environmental Affairs Division at (919) 451-5003/2083.

Encls:

- (1) DMRs
- (2) Discharge Violations

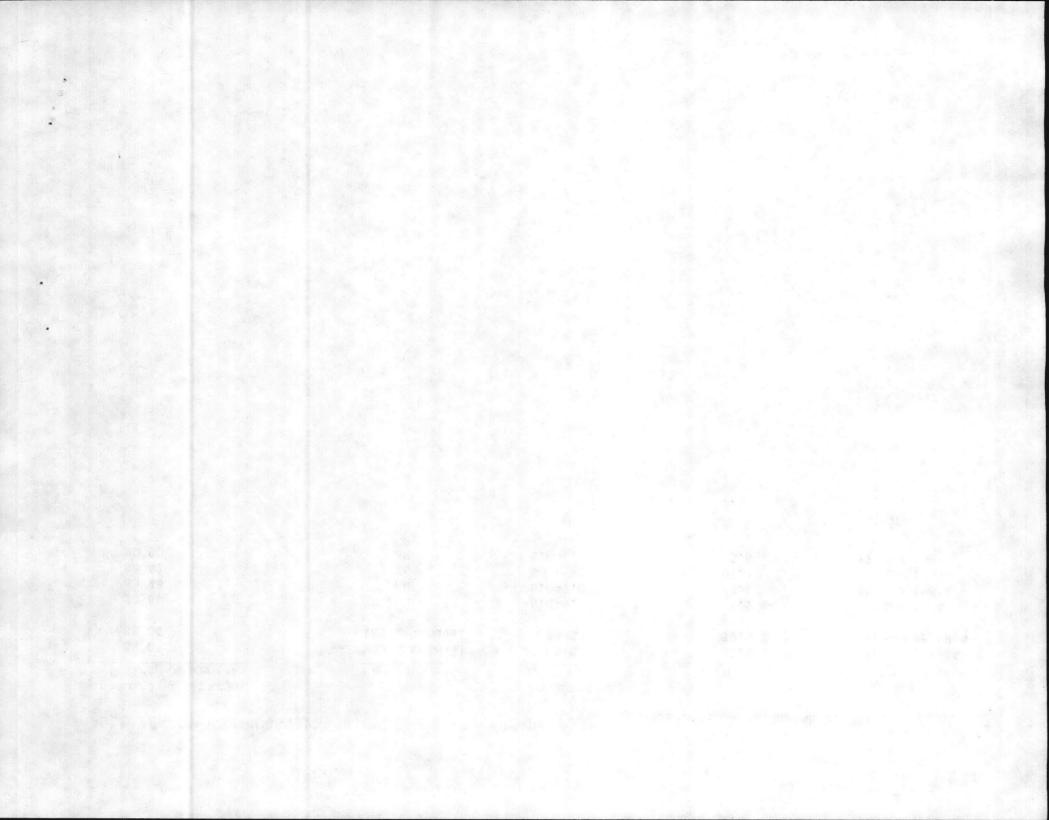
Copy to: NAVFACENGCOM NEESA NC DEPT OF NATRES&COMDEV

Blind copy to: (w/Encl (2)) BMAINDIV (Utli Br) NREAD (QCL)



NPDES PERMIT NO. NC0003239 VIOLATIONS FOR THE PERIOD ______ September, October, November 1984

Monitoring Station Parameter Parameter Limits . Value Date or Storm Drain No. October 1984 84.8 % 85 % BOD % Removal SS 05 November 1984 80.4 % TSS % Removal 85 % SS 06 .9 Sep 1984 6.0-9.0 5.1 pH SD 69 9.1 26 Nov 19884 6.0-9.0 pH SD 48 295.2 26 Nov 1984 50 mgg1 SD 42 TSS 27 Nov 1984 5.8 6.0-9.0 pH SD 90





UNITED STATES MARINE CORPS Base Maintenance Division Marine Corps Base Camp Lejeune, North Carolina 28542

IN REPLY REFER TO 11345.1 MAIN 13 Dec 84

From: Sewage Disposal Plant Operator Foreman To: Director, Utilities Branch

Subj: NPDES PERMIT VIOLATION, BB-4

1. The Courthouse Bay Wastewater Treatment Plant, Building BB-4, violated the parameter for percent removal of SS for the month of November 1984, parameter being 85% removal. Removal for November was 80.4% SS.

2. The center column bearing on the trickling filter became very tight due to excessive wear. When this happened, the filter arm would not turn with normal flow. To get the arm to turn, the operator put on more pumps to force the arm to turn, causing an excessive hydraulic loading on the filter media.

3. The situation was corrected by replacing the bearing and repairing the center column.

M. D. DAVIS, JR.

11345 MAIN 13 Dec 84

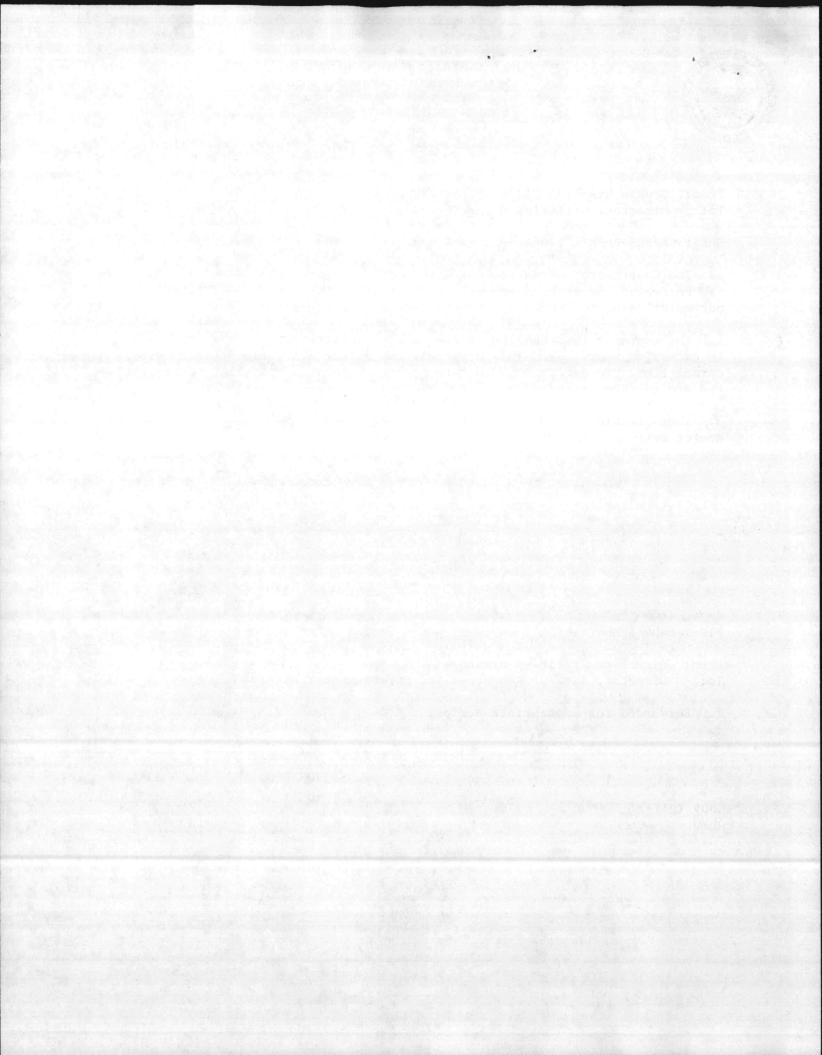
FIRST ENDORSEMENT

From: Director, Utilities Branch To: Director, Natural Resources and Environmental Affairs

1. Forwarded for appropriate action.

B. S. Johnson . Jr. G. S. JOHNSON, JR.

Copy to: ABMO



BASE MAINTENANCE DIVISION

Marine Corps Base Camp Lejeune, North Carolina 28542

> 11345.4 MAIN 14 November 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES PERMIT VIOLATION, RR-92

1. The Rifle Range Wastewater Treatment Plant violated the parameter for percent removal of BOD for the month of October 1984, parameter being 85% removal. Actual BOD removal for October was 84.8%.

2. The average monthly influent BOD loading was 33 mg/l and an effluent average of 5 mg/l, with a high of only 53 mg/l influent and 9 mg/l effluent.

3. The permit violation is attributed to the low BOD loading recorded during the month.

W. R. PRICE

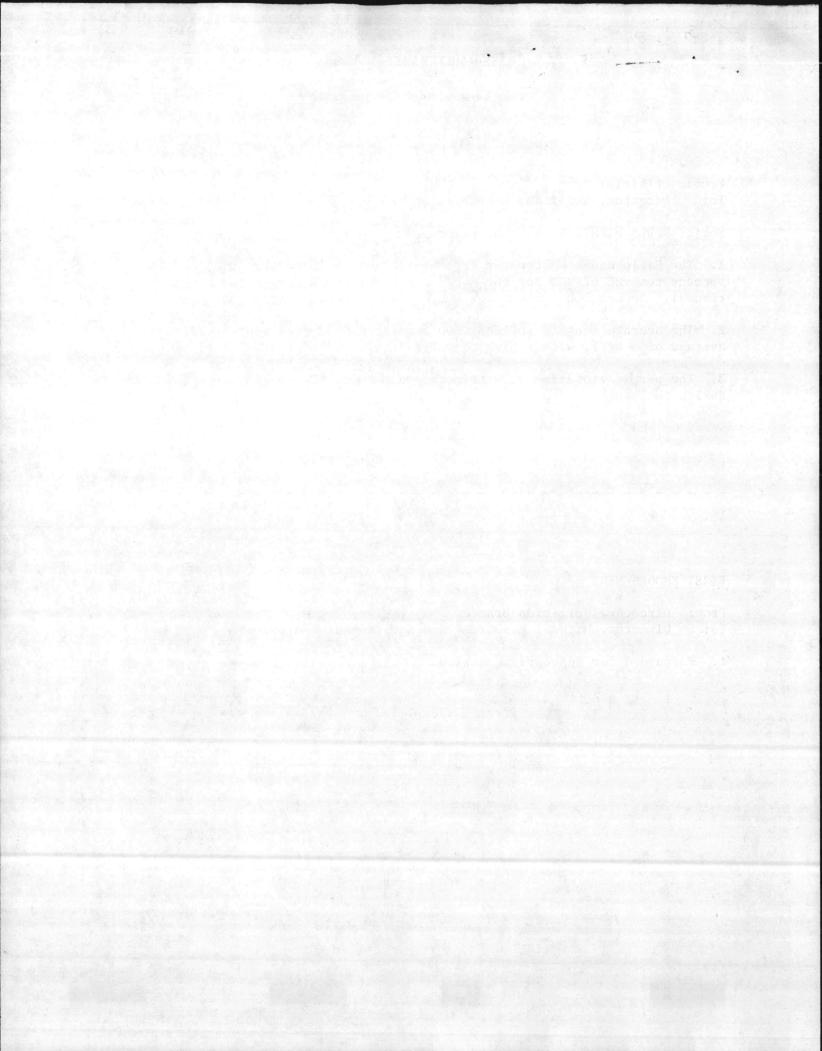
11345 MAIN 14 November 1984

FIRST ENDORSEMENT

From: Director, Utilities Branch To: Director, Natural Resources and Environmental Affairs

1. Forwarded for appropriate action.

G. S. Johnson, JR



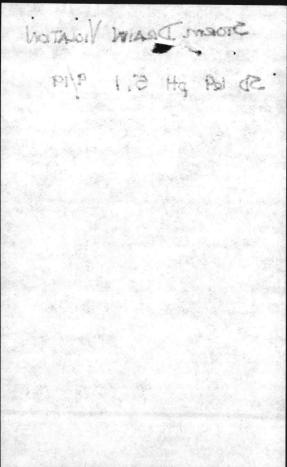
STORM DRAIN VIOLATION

SD 69 pH 5,1 9/19

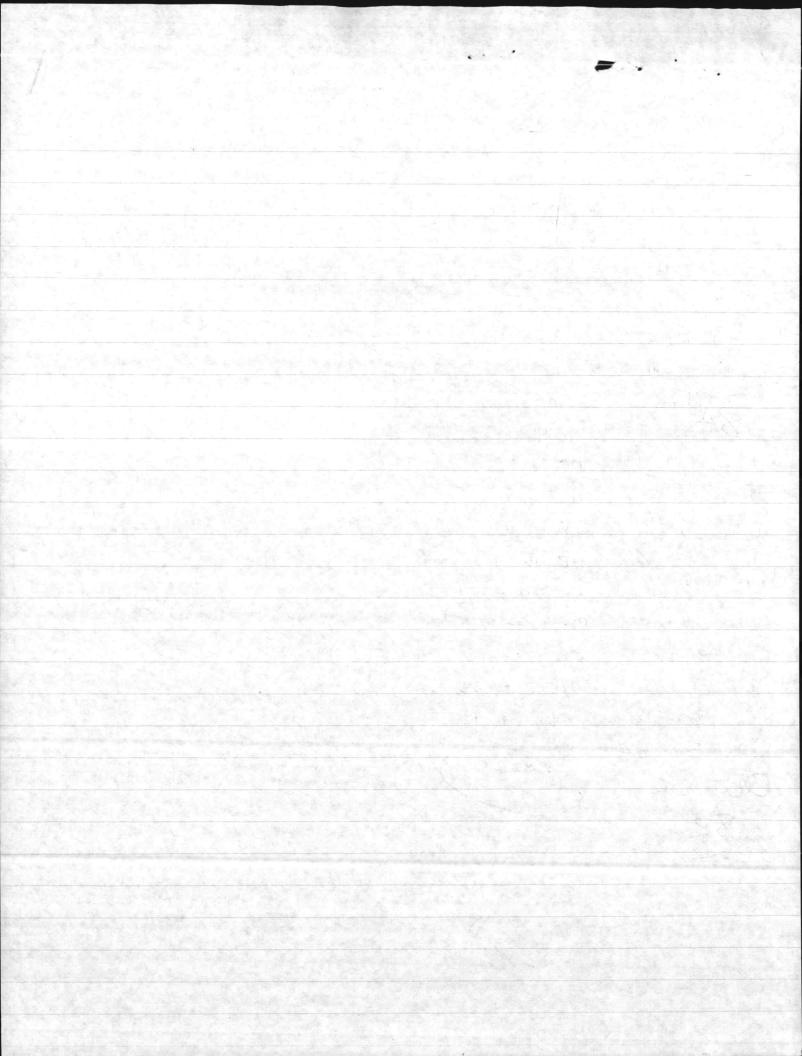
BEPT PLANTS OB 3 FLOWS (DURING DIANA) ALL PLANTS - 6 SEP - 7 DAY BOD TOP 4 - 7 SEP - 6 DAY BOD

ALL RANTS - WEEK OF 9-15 NO BOD OR SS - DIANA OGT PLANTS

RR - 800 % AVER 84.8% SD 28 pH 9.1 11/26/84 SD 90 pH 5.8 11/27/84 SD 42 55 295.2 11/26/84



% MON % 1% man pH G 1 FLOW - FLOW FLOW PH 7/4 % 1 Cl2 PH % 1 2 2 1 102 3 Z G 16 4 3 2 2 2 2 2 01,3 3 3 4 3 3 4 4 3 4 G 4 5 4 9 MON MONTHS CI, 5 5 % % MONIT 5 M OCT NOV 84 84 1-4 CG CG 1-5 CG 1-5 - 5-8 T TT 6-10 TT 6-10 CJ 9-12 CJ 11-15 CJ 11-15 HP 13-16 HP 16-19 HP 16-19 RR 17-20 RR 20-23 RR 20-23 CHB 21-24 CHB 24-27 CHB 24-27 OB 25-28 OB 28-31 OB 28-31 OB 28-29 OB WTP 32-33 OBWTP 32-33 RR 30-38 RW 34-42 RW 34-42 SD BUT OF SD- 39-82 SD 43-102 DUT OF OUT OF 42 102 82



PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different) NAME Commanding_Genesal ADDRESS Companding_Genesal Companding_Genesal Companding_Genesal Comp_Lejeune, NC Comp_Lejeune, NC			017ANT DISC 017ARGE MON (2-16) 00003239 017 NUMBER		ORT (<i>DMR</i>) (17-19)	Onslow Beach	Water Tr	eatn	Form App OMB No.	2000-001		
FAGILITYUIC-67001			MONITORING PERIOD YEAR MO DAY YEAR MO DAY FROM 24 11 01 TO 84 11 31 Y20-211 (22-21) (22-25) (20-27) (22-29) (10-31) NOTE: Decid 1									
PARAMETER (32-37)	N	(3 Card Only) QU (46-53)	IANTITY OR LOADI		(4 Card Only). (38-45)	(28-29) (.10-31) QUALITY OR C (46-53)	NOTE: Read instr ONCENTRATION (54-61)	uctions before	NO.	T	SAMPLE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63	ANALYSIS	(69.70)	
00403 pH Laboratory	SAMPLE MEASUREMEN	T	•							01/07		
W= GNOV 84	PERMIT	·			6.0	NO SAI	YPLE 10.0			01/07	Grab	
00403 pH Laboratory	SAMPLE	,				•			00	01/07	Grab	
W= 13 NOV 84	PERMIT REQUIREMENT				6.0	8.3	10.0			01/07	Grab	
00403 pH Laboratory	SAMPLE	r							00	01/07	Grab.	
W= 207W84	PERMIT				6.0	8.3	10.0			01/07	t.	
00403 pH Laboratory	SAMPLE								00	01/07	Grab	
W= 27 NOV	PERMIT				6.0	1.8	10.0	(* 1 ¹ · · · ·		S.C.	Grab	
00403 pH Laboratory	SAMPLE MEASUREMENT		÷		· · ·	0.	10.0	-	-	01/07	Grab	
W=	PERMIT				6.0		10.0		00	01/07	Grab	
	SAMPLE			1	······································		10.0	-		01/07	Grab	
	PERMIT											
	SAMPLE											
)	PERMIT			1.0								
NAME/TITLE PRINCIPAL EXECUTIVE	AND A	IFY UNDER PENALTY O	NEORMATION CUDMITTI					TELEPHONE		DA	TE	
TYPED OR PRINTED	ON M OBTAIN IS TRU NIFICAN THE PI 33 U S	Y INQUIRY OF THOSE ING THE INFORMATION DE, ACCURATE AND CO NT PENALTIES FOR SI DSSIBILITY OF FINE AND C § 1319. (Penalties undi maximum imprisonment of	INDIVIDUALS IMMEDIATI I. I BELIEVE THE SU MPLETE. I AM AWARE UBMITTING FALSE INF D IMPRISONMENT. SEE 17 (here alguide may in	ELY RESPONSI IBMITTED INFO THAT THERE FORMATION. IN 18 U.S.C. § 10	BLE FOR RMATION ARE SIG CLUDING CUDING 001 AND 510,000 SIGNATI	URE OF PRINCIP		1			•	
OMMENT AND EXPLANATION OF AN					OFFIC	CER OR AUTHOR	ZED AGENT CO	DE NUMB	ER	YEAR MO	DAY	

1 EX PERSONAL STATE NO EDEDREVENTER CONCRETE OF CONCERNMENTED increal areas in FIOLE: Read instructions before completing this formation NO ST HEAD I THE COMPANY ACT DATE NO DA DESHIENDHSED ! - - - - One on Seach Mater Treatment Plane Constant - - - - - - - Companding - Constal -DISCHARCE MONITORING REPORT (DVR) .-HATTONAL POLICIANTIDISCHARGE ELL INALION SYSTEM LYPORT

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)						DE5)			Form App OMB No.		
ADDRESSMarine_Corps_	Base		NC	0003239		014	Onslow Beach	Water Tr	eatm	ent Plan	nt
Camp_Lejeune,	_NC28542	<u>ــــــــــــــــــــــــــــــــــــ</u>				TANGE NUMBER					
FACILITY UIC 67001			FROM	MO DA	то	MO DAY		, . ,	•	μ.	
PARAMETER (32-37)		(3 Card Only) QU (46-53)	ANTITY OR LOADIN (54-61)		25) (20-27) (4 Card Only) (38-45)	(28-29) (10-31) QUALITY OR C (46-53)	NOTE: Read Instru ONCENTRATION (54-61)	ictions before	T	FREQUENCY	1 /
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	- EX	ANALYSIS (64-68)	(69-70)
00530 Total Suspended Solids	SAMPLE MEASUREMEN	T			No	SAMPLE		mg/1	1	01/07	8 HC
W= 6NOU	PERMIT	•				30	50			01/07	Comp
00530 Total Suspended Solids	SAMPLE	т				29.3		mg/1		01/07	8 HC
W= -17 NOV	PERMIT	· ***				30	50			01/07	Comp
00530 Total Suspended Solids	SAMPLE	T ·			KI0	Spaple	and the second se	mg/1	00	01/07	8 HC.
W= 20 NOV	PERMIT					30	50			01/07	Comp
00530 Total Suspended Solids	SAMPLE MEASUREMEN	r			1999 - 1999 1999 - 1999	2.4	56	mg/1	00	01/07	8 HC
W= 27 NOV	PERMIT	·		and the second		30	50			01/07	Comp
Total Suspended Solids	SAMPLE	r	·					mg/1	00	01/07	8 HC
W= •	PERMIT			•		30	50			01/07	Comp
	SAMPLE	r		Address -							
	PERMIT										
	SAMPLE	r			194 194						
	PERMIT							Ċ			
NAME/TITLE PRINCIPAL EXECUTIVE	AND ON I OBTA IS TF NIFIC THE 33 U	RTIFY UNDER PENALTY (AM FAMILIAR WITH THE VI INQUIRY OF THOSE INING THE INFORMATION RUE, ACCURATE AND CC ANT PENALTIES FOR S POSSIBILITY OF FINE AN SC \$ 1319, (Prnatice und r maximum imprisonment of	INFORMATION SUDMITTI INDIVIDUALS IMMEDIATI N. I BELIEVE THE SU DMPLETE. I AM AWARE SUDMITTING FALSE INF ID IMPRISONMENT. SEE for these statutes may in	ED HEREIN: AND ELY RESPONSIE BMITTED INFOI THAT THERE / ORMATION, IN 18 U.S.C. \$ 10 clude fines up for	D BASED JLE FOR RMATION ARE SIG CLUDING O 1 AND 0 \$10,000 SIGNATI	URE OF PRINCI		TELEPHON			T E
COMMENT AND EXPLANATION OF AN	Y VIOLATIONS (Reference all attachment	is here) :				. 100			I	

١.

TENER U	in the		arres	S. Sans	
		Di wite	233	18 2 1	NR.DUS

HARDONAL POLLUTAIN DISCHARGE ELINUMATION SYSTEM (ARDE)

Camp_Led onne;	NC 28542		and the second		and a second state of the second s						
EVEREL TRALE CS001 1				MON ON	N N LADAT	NO _ DYA					
veril Priktorn			EBOH					ions helore	comp	ohne ins f	, in the second s
A SPANELESS		() (ar' Ortr) Qu (16.5.)	a second second second second second	and the second s	have been and the second	OUNTLY OR CON			1.00	ner nar x	2 Y 94 L 7
Const Const		VARBKOB	WYZINON	dMile	alla seriet	- PARSYOR	TAXIE UM	antis	Ex	141 (21) 2131 - 1414 -	
00310	ALL STREET										
	BEORIE (WEAL)						17.	118		ortos"	
00740 A-	TANKE.									20172	
and great set of the								371.		(TWS)	s nr
										TT UST	: Goula
									E	1/07	
A											
Financial and											
				9							
											All
											1
in in the state of the state of the											

6280/2 NREAD 28 SEP 1984

Regional Administrator Environmental Protection Agency Region IV, Water Enforcement Branch 345 Courtland Streat Atlanta, Georgia 30309

Dear Siri

In accordance with requirements of National Pollutant Discharge Elimination System (HPDES) permit number NC0003239, Discharge Nonitoring Reports (DNRs) for the period June, July and August 1984 are submitted.

Rifle Range Nastewater Treatment Flant viclated the NFDES permit requirement for monthly Biochemical Oxygen Demand (BCD) percent removal average for July 1984. The violation is attributed to the low BOD leading. Influent and effluent monthly averages were 25 mg/1 and 4 mg/1 respectively.

The storm drain violation depicted by the enclosed table may be correlated with base geography and facilities by referring to maps with numbered storm drain monitoring points that have been previously provided to your agency. Storm drains that have no values reported for the quarter were checked; however, each time they were checked they were either dry or had no flow. The base environmental staff is continuing to work on operational control methodology to reduce oil and grease and suspended solids discharges.

For further portinent details on any of the above, you may contact Mr. Julian Wooten, Director, Natural Resources and Environmental Affairs Division at (919) 451-5003/2083.

Sincerely,

M. G. LILLEY Colonel, U. S. Marine Corps Assistant Chief of Steff, Pacilities By direction of the Commanding General

NREAD (QCL)

Focle:

DNRs
 Discharge Violations

Copy to: NAVFACENCOM NEESA NC DEFT OF NATRESACONDEV Blind copy to: BMAINDIV (Util Br) 2.8 SEP 1984

that is an a start of the second second

and the second of the second second second

关系 的现在分词

Marshall Patra 2 - 10-

and the second second

a man a file of the state of the general state of the state of the second state of the state of the state of the

(1943-1948)(1945-1947)。

Sector and the sector of the

和理论对自己。

which we want to be added to a second to be added to added to be added to be added to be added to be added to be

present the state of the second s

all the second second second a start of the sta

a state and the state of the state of the

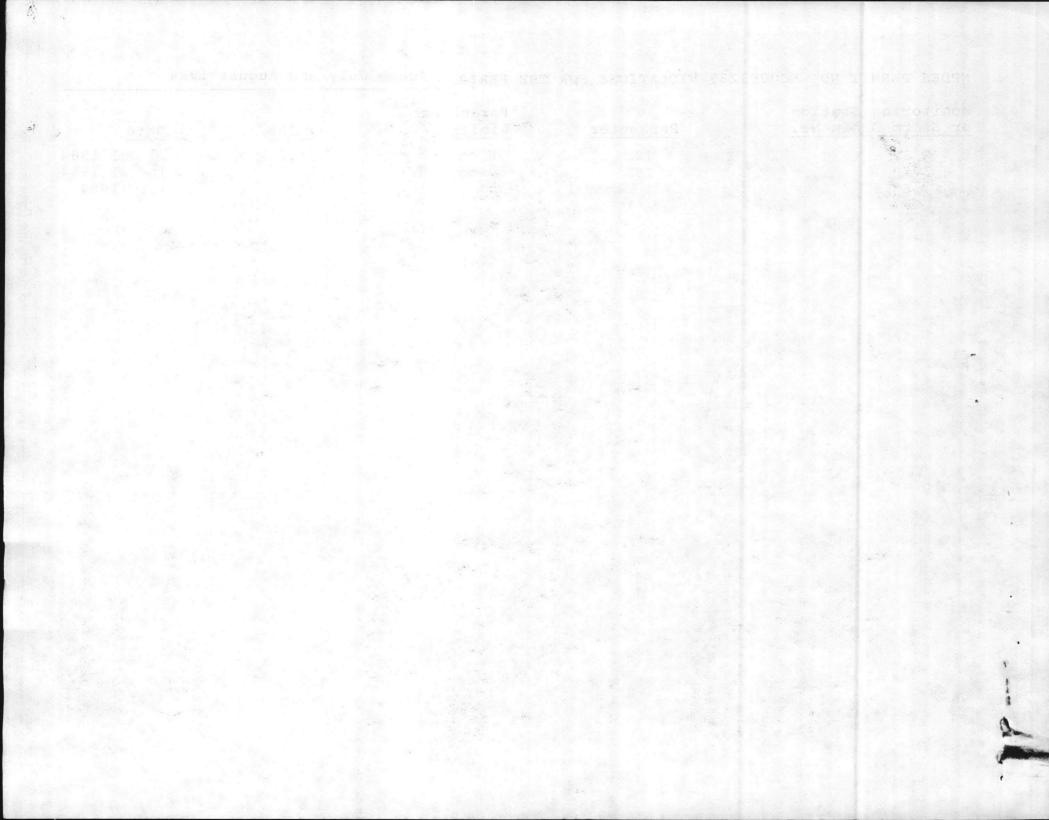
194 ypop pakie

AN PROVIDE

NPDES PERMIT NO. NC0003239 VIOLATIONS FOR THE PERIOD June, July and August 1984

-

Monitoring Station or Storm Drain No.	Parameter	Parameter Limits	Value	Date
SS 14	TSS	30 mg/1	31.0	10 Jul 1984
SD 42	TSS	50 mg/1	58.4	24 Jul 1984
SS 05	BOD% Removal	85%	84.0%	July 1984



W

BASE MAINTENANCE DIVISION Marine Corps Base Camp Lejeune, North Carolina 28542

11345.4 MAIN 8 August 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, RR-92

1. The Rifle Range Wastewater Treatment Plant violated the parameter for percent removal bo BOD for the month of July 1984, parameter being 85% removal. Actual BOD removal for July was 84%.

2. The average monthly influent BOD loading was 25 mg/l and an effluent average of 4 mg/l, with a high of only 44 mg/l influent and 6 mg/l effluent.

3. The permit violation is attributed to the low BOD loading recorded during the month.

W. R. PRICE

....

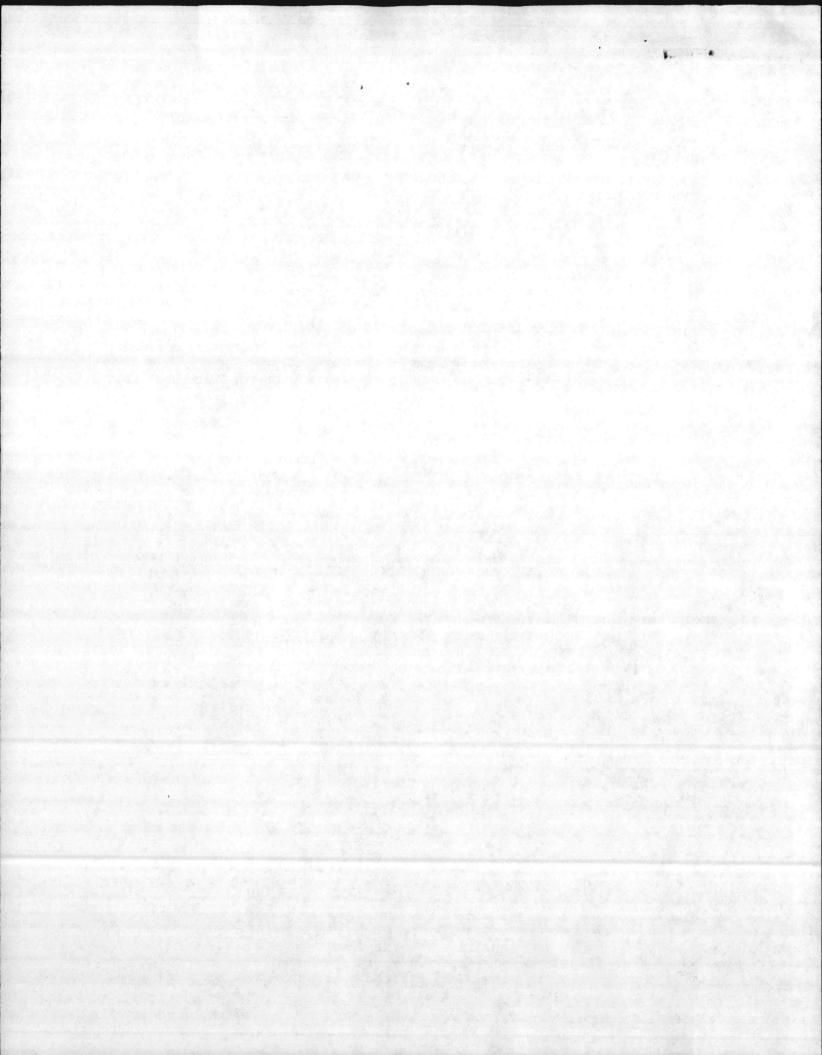
11345 MAIN 8 August 1984

FIRST ENDORSEMENT

From: Director, Utilities Branch To: Director, Natural Resources and Environmental Affairs

1. Forwarded for appropriate action.

G. S. Johnson, Jr.



S/N 0107-LF-052-2320

10-4-84

Memorandum

DATE: 4 June 1984

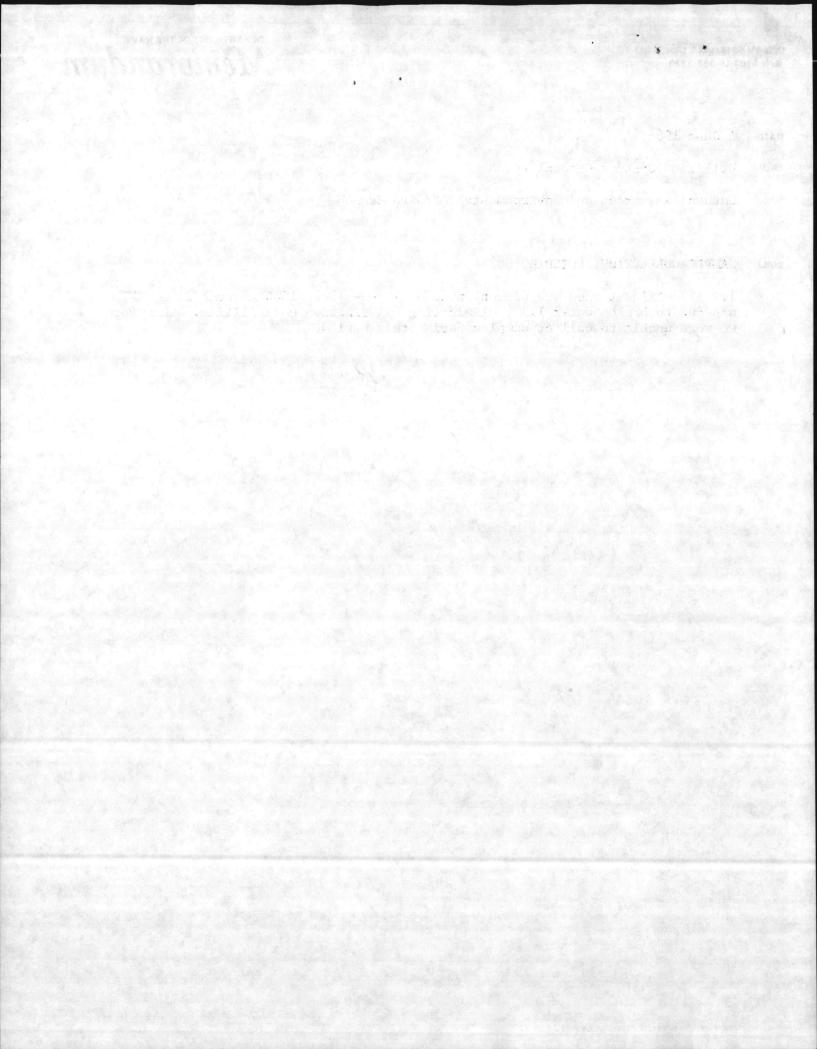
FROM: Utilities Systems General Foreman

TO: Natural Resources and Environmental Affairs Branch

SUBJ: SAMPLE COLLECTION, BUILDING 683

1. All effluent flow was discontinued on 1 June 1984, 1500 through 2200; this was due to broken water line, eliminating chlorination capabilities. Therefore, we were unable to collect samples during this period.

W. R. PRICE



4 June 1984

Utilities Systems General Foreman

Natural Resources and Environmental Affairs Branch

SAMPLE COLLECTION, BUILDING 683

1. All effluent flow was discontinued on 1 June 1984, 1500 through 2200; this was due to broken water line, eliminating chlorination capabilities. Therefore, we were unable to collect samples during this period.

W. R. PRICE

4 June 1964

Millines Galess Capital Soraness.

attraines and sources and sources attractions

SAMELE COLLECTION, LUISTIN 4 603.0

 Alt effluent flow was lesson inned on 1. 1964; [200 through 200, chide was due to proten water lie, eliminating in chiniten capabilities. Therefore, or werd wholes to collect addites forth, this period.

The Surger Starting

Regional Administrator Environmental Protection Agency Region IV, Water Enforcement Branch 345 Courtland Street Atlanta, Georgia 30309

Dear Sir:

In accordance with requirements of National Pollutant Discharge Elimination System (NPDES) permit number NCO003239, Discharge Monitoring Reports (DMRs) for the period June, July and August 1983 are submitted.

Rifle Range Wastewater Treatment Plant violated the NPDES permit requirement for

monthly Baochemical Oxygen Demand (BOD) percent removal avezzggefor July 1984. The

The BOD influent concentrations were extremely low, with a monthly average of 25 mg/l and a maximum value of only 444mg/l. The

25 mg/1 and a maximum value of mnly 44 mg/1. The BOD effluent average was only

4 mg/1. The violation is attributed to the low BOD loading recorded during the mont

month.

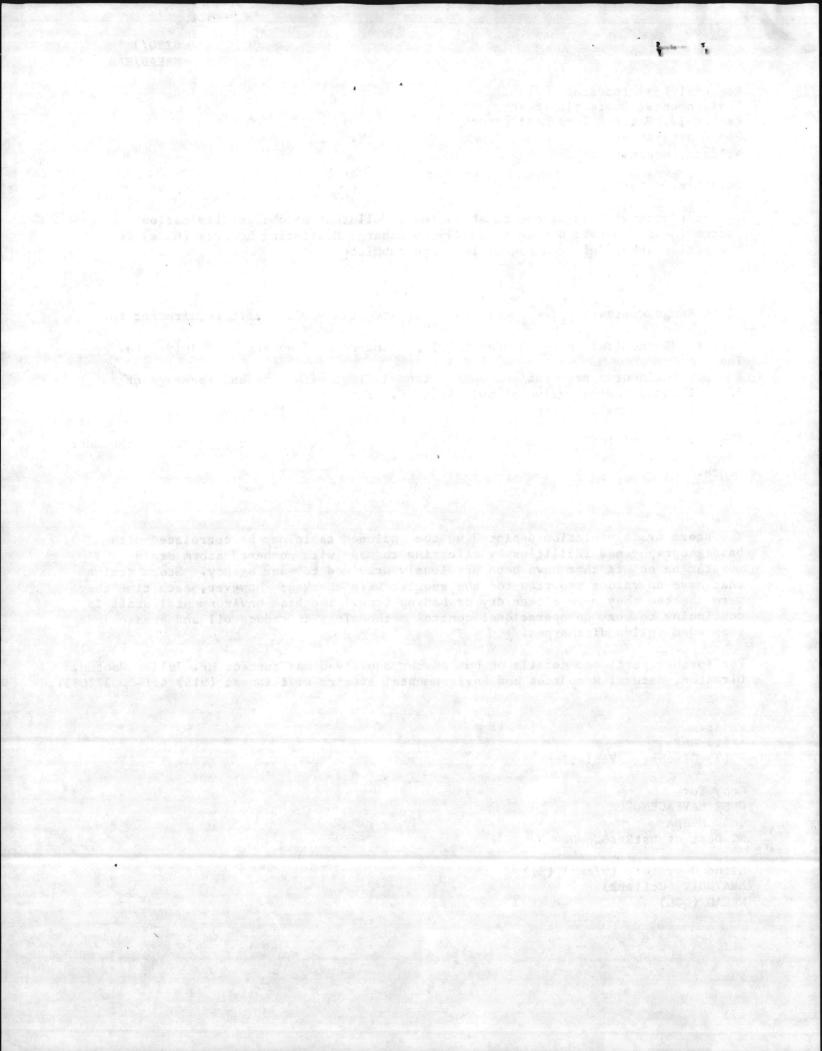
The storm drain violation depicted by the enclosed table may be correlated with base geography mad facilities by referring to maps with numbered storm drain monitoring points that have been previously provided to your agency. Storm drains that have no values reported for the quarter were checked; however, each time they were chekked they were either dry or had no flow. The base environmental staff is continuing to work on operational control methodology to reduce oil and grease and suspended solids discharges.

For further pertinent details on amy of the above, you may contact Mr. Julian Wooten, Director, Natural Resources and Environmental Affairs Division at (919) 451-5003/2083.

Encls: (1) DMRs (2) Discharge Violations

Copy To: CMDR NAVFACENGCOM CMDR NEESA NC Dept of NatRes&ComDev

Blind Copy to: (w/encl (2)) BMAINDIV (UtilBB) NREAD (QCL)



PLANT : ____

MONTH	:~	UNE
-		

YEAR: 1984

		BOD	NT AVE		TSS			DAM
WEEK OF :	# SAMPLE	ma/L	LBS/DAY	# SAMPLE	mel	LBS	# SAMPLE	GEOMETRIC MEAN
		(DOD)		1.208.5		a salah	12	dia.tar
1-2-	·	1	1.4	1.18				
3-9				di di second				
			1					
10-16			1.				4 	
17-23								
24-30								
MONTHLY			29					

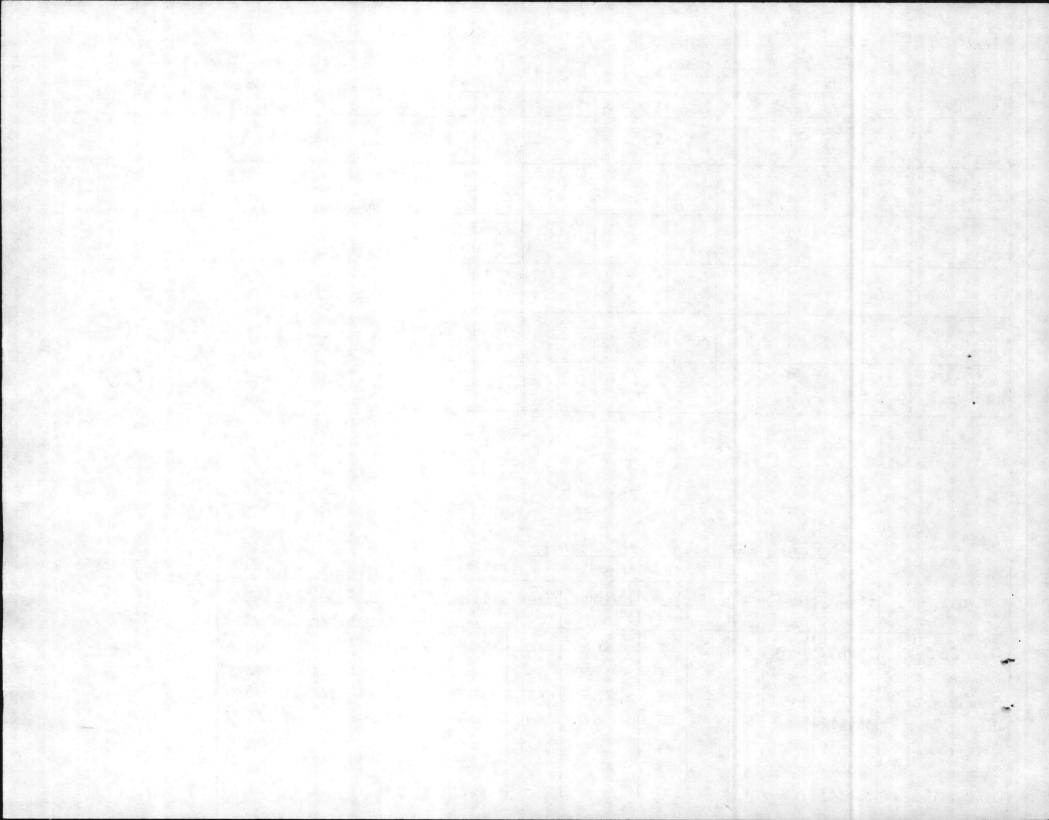
במסו הרר

DENT	AVERA	GES	г	
	BOD mg/	TSS mg/		рН
GPD	12		PPM	
	1.			
1-5				
6-10	C	6		
11-15		100	To	F
16-19				
-		(No	
3 24 - Z	7		e O	
	DAILY FLOW GPD 1-5 6-10 11-15 16-19 20-23	DAILY FLOW BOD GPD mc/L 1-5 6-10 11-15	GPD mg/L mg/L 1-5 6-10 11-15 16-19 20-23	DAILY FLOW BOD TSS CL2 GPD MG/L MG/L PPM 1-5 6-10 11-15 16-19 20-23 (0)

OB 28-31

68 OB WTP 32.33 RW 34-42 SD 43-68

	RER	2m(r	REC	UIRE	EMEN	TS + LIN	NITS.					
				Ba	D +	T55		201 1 1 1	1.18	COLI	FORM	
PLANT	SERIAL	FLOW	#SAM	PLES	WEEKL	WEEKLY AVERAGES		MONTH AVERAGES		LES	GEOMETRIC MEAN	
ILANI	#		PER	PEE MONTH	me/L	LES/DAY	mg/L	LBS	PER	MONTH	WEEKLY	MONTHLY
CAMP GEIGER	5501/11	1.60	2	8	45	400.8	30	400.6	2	8	\$00(F)	200 (F)
TARAWA TERRACE		1.1	2	8	45	- 469.4	30	312.9	2	8	400 (F)	200(F)
- CAMP JOHNSON	5503/13		2	8	45	375,5	30	Z50.3	2	8	400(F)	200(F)
HADNOT POINT	5504/14		5	20	45	3004.2	30	2002,8	3	12		.70(T)
RIFLE RANGE	5505/15	1	1	4	45	197.1	30	131,4	1	4		70(7)
COVETHOUSE BAY	5506/16			4	45	195.1	30	131,4	1	4		70(T)
ONSLOW BEACH	5507/17	0.200		4	45	15.1	30	50,1	1	4		1 70(T)



PLANT : _

MONTH	JULY	
	·· Congeneration of the second s	

YEAR: 1984

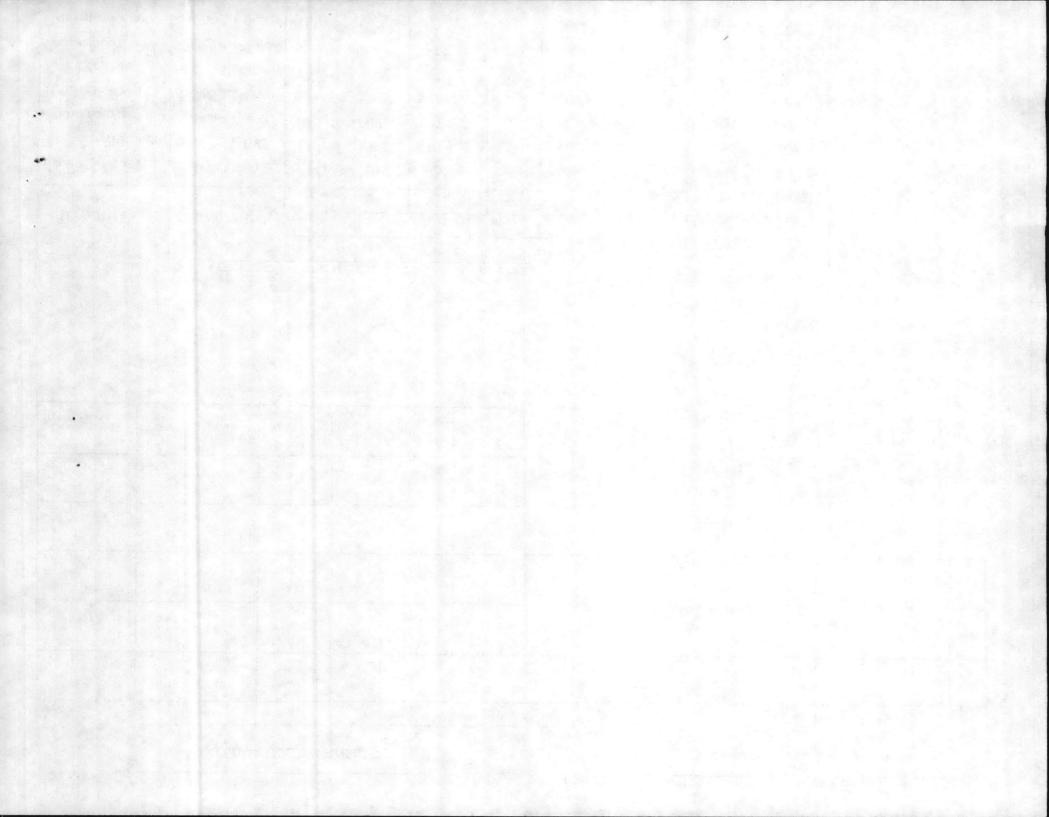
	1.1.1	EFFLUE	INT AVE					
	1.1.1.1.	BOD	•		TSS	COLIFORM		
WEEK OF :	# SAMPLE		LBS/DAY	# SAMPLE	mGL	LBS	# SAMPLE	GEOMETRIC MEAN
	12.444		1 16.37	1 Constant			- Charles	
1-7				1997				
			a fa daran					
8-14					and the second			
				1000				
15-21			P. P. S.					
		1 and a start				1 Anna	in sers	ale la la la
22-28								
29-3)						1. 1. 1. 1. 1.		
			1.6.85		and the	A Startes		
MONTHLY	188.							

	DAILY FLOW GPD	BOD mc/L	TSS mg/L	Ci2 PPm	pН
AVERAGE					-
Maximum					194
MINIMUM					

CG 1-5 TT 6-10 CJ 11-15 HP 16-19 PR 20-23 CHB 24-27 OB 28-31 OB WTP 32-33 RW 34-42 SD 43-50

OUT OF

	RER	emit	REC	DUIRE	EMEN	TS + LIN	nits.					
	and the second					T55		4		COLI	FORM	
PLANT	SERIAL	FLOW	#SAM	PLES	WEEKL	1 AVERAGES	MONTH AVERAGES		*SAMPLES		GEOMETRIC MEAN	
I LAIN I	#		PER	MONTH	me/L	LBO/DAY	mc/L	LBS	PER	PER	WEEKLY	MONTHLY
CAMP GEIGER	5501/11	1.60	2	8	45	400.8	30	400.6	2	8	\$00(F)	200 (F)
TARAWA TERRACE			2	8	45	469.4	30	312.9	2	8	400 (F)	2005
- CAMP JOHNSON	5503/13	1.12	2	8	45	375,5	30	250.3	Z	8	400(F)	200(F)
HADNOT POINT	5504/14	8.00	5	20	45	3004.2	30	2002,8	3	12	S. C.	.70(T)
RIFLE RANGE	5505/15	0.525	1	4	45	197.1	30	131,4	1	4		70(7)
COURTHOUSE BAY	5506/16	0.525	1	4	45	195.1	30	131.4	1	4		70(T)
ONSLOW BEACH	5507/17	0.200	1	4	45	15.1	30	50,1	li	14	I. and the	$7\alpha(T)$



PLANT : _

M	ONTH	: +	URUS

ST YEAR: 1984

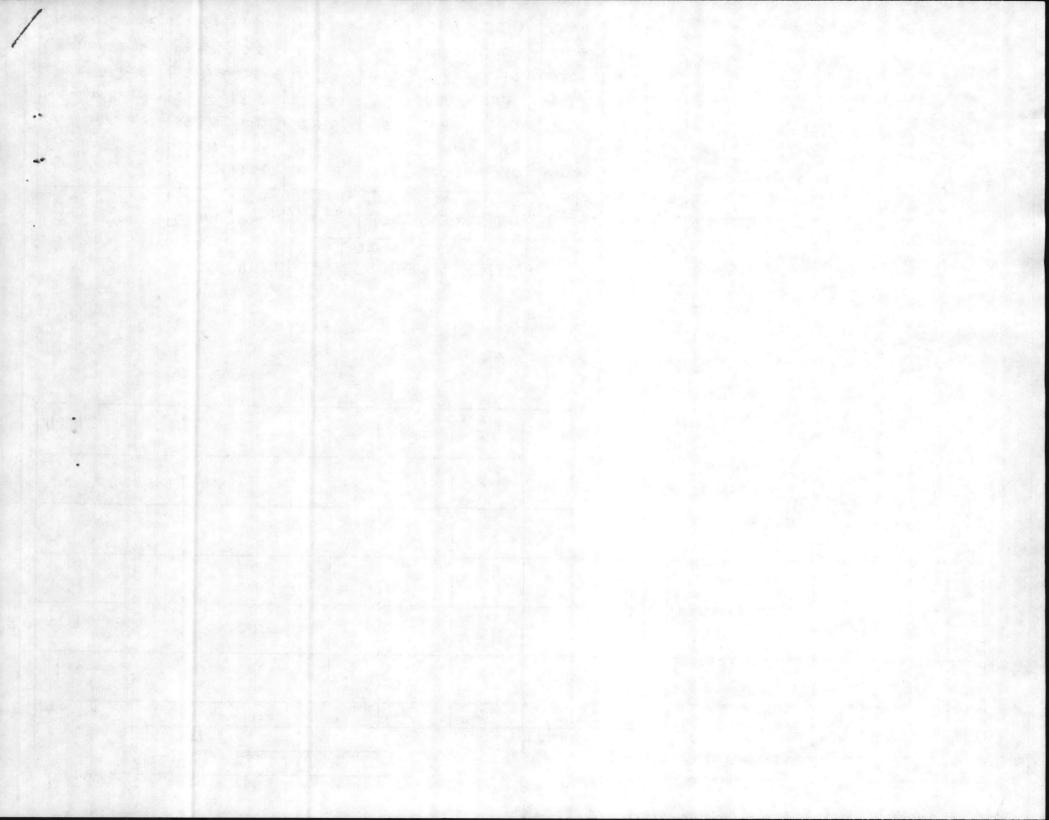
	1		ENT AVE	RAGE			1.		
		BOD			TSS		COLIFORM		
WEEK OF :	# SAMPLE	me/L	LBS/DAY	# SAMPLE	mGL	LBS	SAMPLE	GEOMETRIC MEAN	
A State State As			a dina sin	7 元教会表		an liter i e c	S. Wash	1.	
1-4									
5-11		199							
				e salisi					
12-18						A STREET			
							1 Seller		
19-25							The Street		
26-31									
				a same		Server St			
MONTHLY							1199		

	DAILY FLOW GPD	BOD mg/L	TSS mg/L	CL2 PPM	рН
AVERAGE					
Maximum					
MINIMUM					

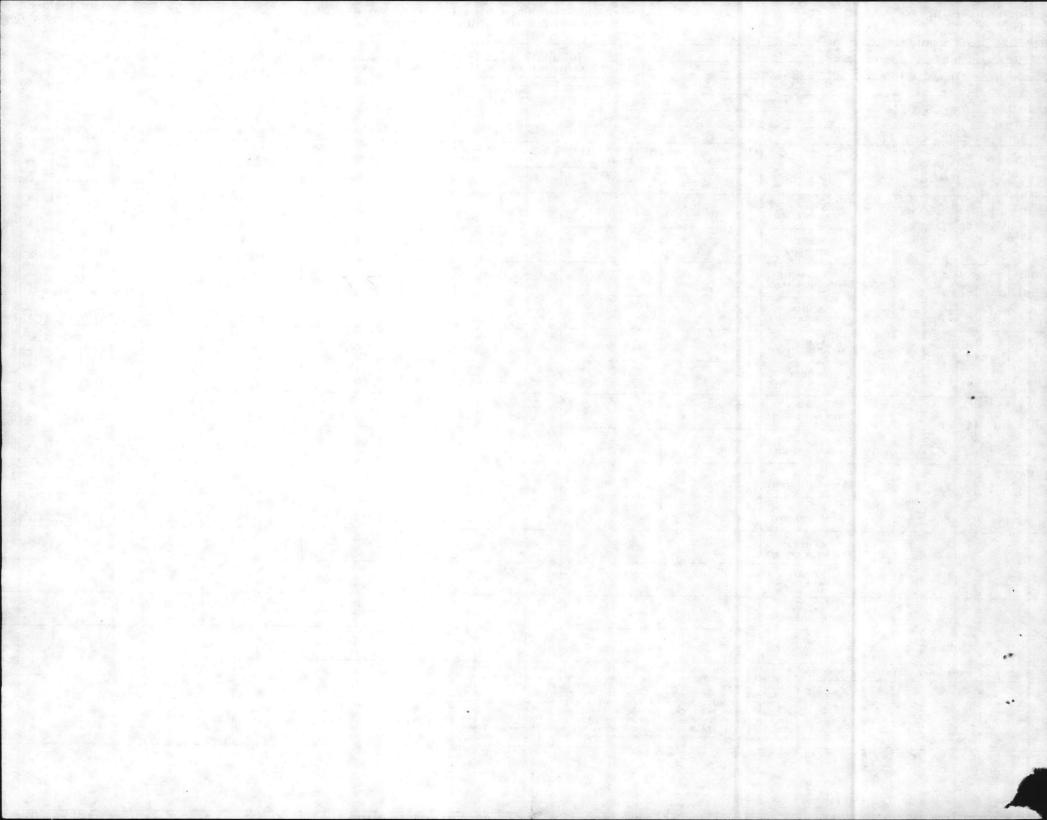
CG 1-5
TT 6-10
CJ 11-15
HP 16-19
RE 20-23
CHB 24-27
OB 28-31
OB WTP 32-33
RW 34-42
50 43-68

		_
/	OUT	OF
	68	

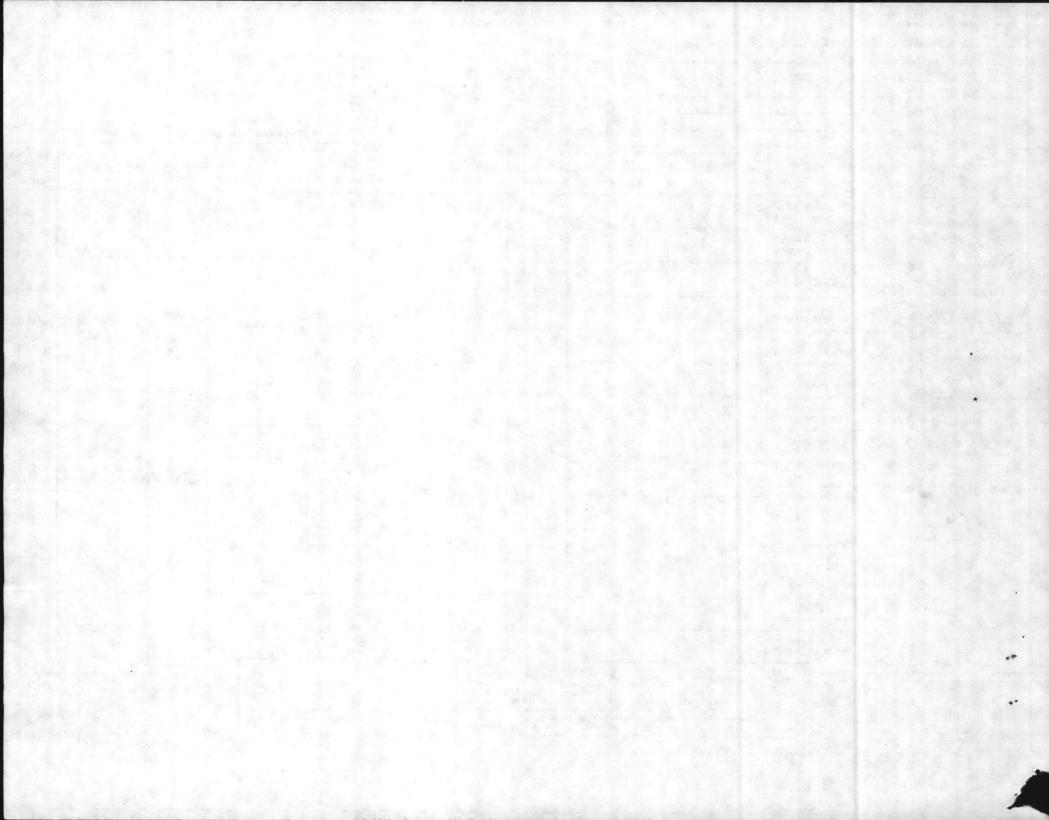
	REA	emit	REC	DUIRE	EMEN	TS + LIN	nits_							
			BOD + TSS						COLIFORM					
PLANT	SERIAL	FLOW	#SAM	PIES	WEEKLY	AVERAGES	MONTH	AVERAGES	#SAMP	LES	GEOMETRI	MEAN		
TLANT	#		PER		me/L	LBS/DAY	mc/L	LBS/DAY	PER	PER		MONTHLY		
CAMP GEIGER	5501/11	1.60	2	8	45	400.8	30	400.6	2	8	\$00(F)	200 (F)		
TARAWA TERRACE	5502/13	1.25	2	8	45	469.4	30	312.9	2	8	400 (F)	200(F)		
. CAMP JOHNSON	5503/13	Carlos and the second second	2	8	45	375,5	30	250.3	2	8	400(F)	200(F)		
HADNOT POINT	5504/14	Section 200	5	20	45	3004.2	30	2002.8	3	12	1212-1	70(T)		
RIFLE RANGE	5505/15		1	4	45	197.1	30	131.4	1	4		70(7)		
COURTHOUSE BAY	5506/16			4	45	195.1	30	131.4	1	4		70(T)		
ONSLOW BEACH	5507/17	0.200	li	4	45	15.1	30	50,1	1] 4	I	1 7a(T)		



PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different) NAME Commanding_Cer ADDRESS Marine_Corps_]	ase	1			ANT DISCH RGE MONI (2.16) 0003239		REPOR	(17-19)	slow Beac	h Wate	r Tre		Form Ap OMB No. ent Pla	2000-0	
Camp_Lejeune, EAGULINGUIC_67001							PERIOD	MO DAY		1					
LOCATION LANTDIV	· · ·			and the second state with the second state	(22-21) (24	the second se	120-277 1	28-297 (10-11) N	OTE: Read In	structions	before	comp	eting this	form.	
PARAMETER	\searrow	1	J Card Only) QUA (46-53)	NTITY OR LOADIN (34-61)	IG ,	(4 Card 0 (38-		QUALITY OR CONC (46-53)	CENTRATION (54-61)		÷	NO. EX	FREQUENC OF ANALYSIS		
(32-37)			AVERAGE	MAXIMUM	UNITS	MINI	MUM	AVERAGE	MAXIMU	M U	INITS	(62-63)	(61-68)	(69.	70)
00403 pH Laboratory	SAMP							8.3				00_	01/07	Gra	, IP
W= 5/8/84	PERM					6.	0		10.0				01/07	Gra	ıb
00403 pH Laboratory	SAMP		1999 - 1999 -				Lines .	8.2				00	01/07	Gra	b
W= 5/15/84	REQUIRE				:	6.	0		10.0				01/07	Gra	ıb
00403 pH Laboratory	SAMP							8.4				00	01/07	Gra	ıb
W= 5/22/84 00403	PERM	MENT			and the second	6.	.0	<u>anna ar</u>	10.0	·			01/07	Gra	b
pH Laboratory	SAMP				Section of			7.6	the the			00	01/07	Gra	ıb
W= 3/29/84	REQUIRE					6	.0	s, filinge in the	10.0				01/07	Gra	ıБ
00403 pH Laboratory	SAMP				· ',			7.7				00	01/07	Gra	1b
W= 6/6/84	PERM					6	.0		10.0		د. ورشد ال		01/07	Gra	ıb
1	SAMP				ale i de al									<u> </u>	_
9-	PERM REQUIRE	MENT							•						1
	SAMP				0										5 41
	PERM														
NAME/TITLE PRINCIPAL EXECUTIVE	OFFICER	AND AM	Y UNDER PENALTY O	NFORMATION SUBMITT	ED HEREIN AN	D BASED				TELI	EPHONE		D	ATE	•
		OBTAININ IS TRUE, NIFICANT THE POS	INQUIRY OF THOSE IG THE INFORMATION ACCURATE AND COI PENALTIES FOR SI SIBILITY OF FINE AND \$ 1319. (Produce und	I. I BELIEVE THE SU MPLETE. I AM AWARE UBMITTING FALSE IN D IMPRISONMENT. SEE or these statutes may be	UBMITTED INFO THAT THERE FORMATION, II 18 U.S.C. I I nclude fines up	ARE SIG	SIGNAT	JRE OF PRINCIPAL	EXECUTIVE					*	
TYPED OR PRINTED		and or m	aximum imprisonment of	between 6 months and 5	years.)		OFFIC	ER OR AUTHORIZ	ED AGENT	CODE	NUMB	ER	YEAR	MOC	241
COMMENT AND EXPLANATION OF AN	Y VIOLATI	UNS (K()	erence au allachment												



PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different) NAME Commanding_Ce	nesal			TANT DISCHA RGE MONIT (2.16) 0003239	RGE ELIM	REPORT	T (DMR) (17-19)	low Beach V	Jater Tr		Form App OMB No. 2	2000-001:
Marine_Corps_ Camp_Lejeune,	Base	<u> </u>		IT NUMBER			ARGE NUMBER	iow beach	acci ii	cacin		
	- NG	H4		MONIT	ORING P	ERIOD		· · · · · ·	•			
LOCATION LANTDIV			FROM (20.11)	MO DAY	10	YEAR	MO DAY	6 TE: Read Instruc	ctions before	comp	leting this f	orm,
	N	(3 Card Only) QU (46-53)	ANTITY OR LOADIN	16 (4 Card On (38-45		QUALITY OR CONCL (46-53)	ENTRATION (54-61)	e i e	1.0.	FREQUENCY	SAMPLE
PARAMETER (32-37)	X	AVERAGE	MAXIMUM	UNITS	MINIM		AVERAGE	MAXIMUM	UNITS	- 'EX	ANALYSIS (61-68)	(69.70)
00530 Total Suspended Solids	SAMPLE	INT					1		mg/1	00	01/07	8 нс
w= 5/8/84	PERMIT	NT					30	50			01/07	Comp
00530 Total Suspended Solids	SAMPLE						9:0		mg/1	. 00_	01/07	8 нс
N= 5/15/84	PERMIT	NT		100 KBC2			30	50	_		01/07	Comp
00530 Total Suspended Solids	SAMPLE	INT			•		8,0		mg/1	00	01/07	8 HC
N= 5/22/84	PERMIT	NT					30	50 .			01/07	Comp
00530 Total Suspended Solids	SAMPLE		- 14 A		14		6.0	;	mg/1	<u>po</u>	01/07	8 HC
W= 5/29/84	PERMIT			2.4			30	50			01/07 ·	Comp
00530 Total Suspended Solids	SAMPLE						7.2		mg/1	00	01/07	8 HC
w= 6-6-84	PERMIT	NT					30	50			01/07	Comp
	SAMPLE								_			<u> </u>
	PERMIT	NT				4						
A AND A DEC	SAMPLE							· .	_			1 1 1 1
Y 2111 H 24	PERMIT	INT							·			TE
NAME/TITLE PRINCIPAL EXECUTIVE	A O O IS N T	CERTIFY UNDER PENALTY ND AM FAMILIAR WITH THE N MY INQUIRY OF THOSE BTAINING THE INFORMATI TRUE, ACCURATE AND C IFICANT PENALTIES FOR HE POSSIBILITY OF FINE A JUSC \$ 1319. (Penaltics	EINFORMATION SUBMIT EINDIVIDUALS IMMEDIA ON, I BELIEVE THE S COMPLETE, I AM AWARE SUBMITTING FALSE IN NUD IMPRISONMENT SEI nder Ihere alguider may	TEL HEREIN, AND TELY RESPONSIE UBMITTED INFO THAT THERE A FORMATION. INC. 10 USC 1 10 include fince up to	D BASED BLE FOR RMATION ARE SIG CLUDING - X01 AND		JRE OF PRINCIPAL	170				
TYPED OR PRINTED	A CONTRACT OF A	nd ur maximum imprisonment		yeara.)		OFFIC	ER OR AUTHORIZE		DE NUM	BEN	YEAR M	O DAY
COMMENT AND EXPLANATION OF AN	VY VIOLATION	S (Kejerence all allacitme										/i metalar natur
Manual Activity of the second s	the emistable	O DE HAFD		FORM T.AD	WHIMM M.	AV NOT	E USED.)	A reference in the second second		1.1	PAGE	OF



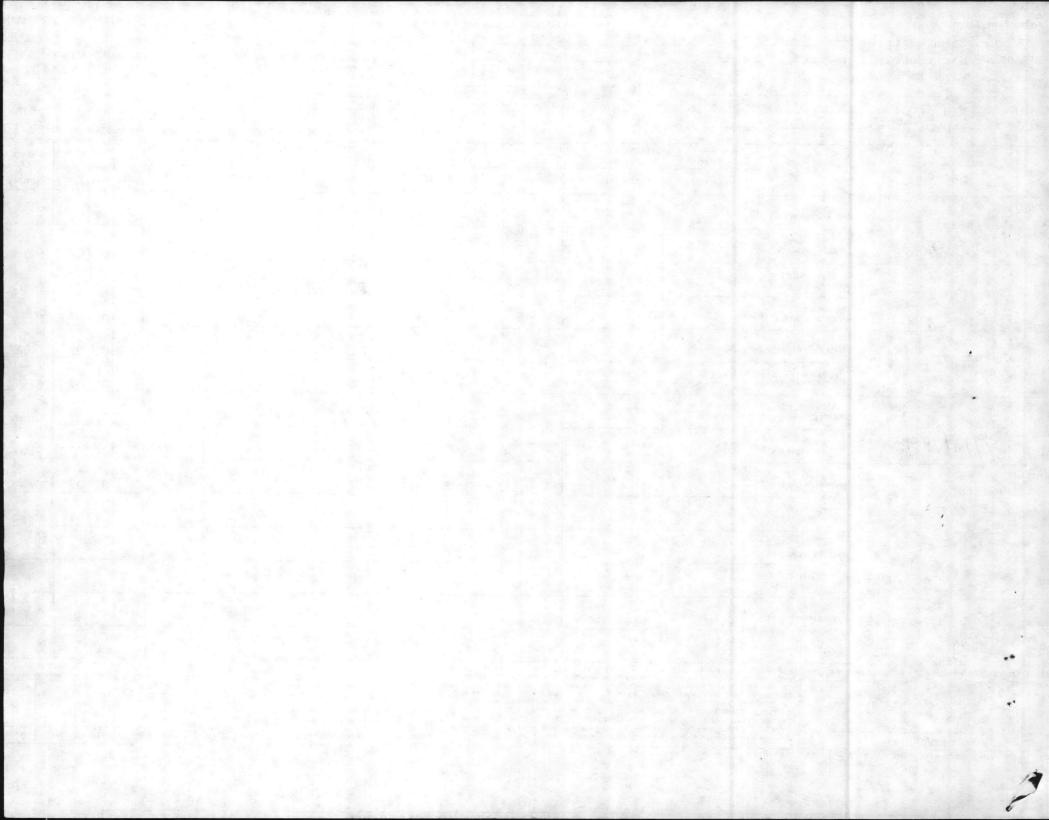
PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different) NAME Commanding_Cer	negal	-	· · · · · · · · · · · · · · · · · · ·	DISCHA	RGE MON	TORING	REPOR	ч вувтем (<i>NPDES</i>) T (<i>DMR</i>) _(17-19)					Form Ap OMB No		
ADDRESSMarine_Corps_1 Camp_Lejeune_	ase			N(0003239	1		014 Ons	low Beac	h Wate	er Tre	eatme	ent Pla	int	
					MUN	ITORING	PERIOD		· · · :	÷ • •			·		
EAGILITY UIC_67001				FROM		AY TO	YEAR	MO DAY	TE: Read In	struction	a before	comp	leting this	form	
PARAMETER		/	(.) Card Only) QUA (46-53)			(4 Card () (38-)nly).	QUALITY OR CONC (46-53)				NO.	FREQUENC	v 5/	AMPLE
(32-37)		/	AVERAGE	MAXIMUM	UNITS	MINI	MUM	AVERAGE	MAXIMU	м	UNITS	(62-63)	ANALYSI: (61-68)		69.70)
00403 pH Laboratory	SAMPL							8.7		· ·		00_	01/07	G	rab
W= 6/19/84	REQUIRE					6	.0		10.0				01/07	G	rab
00403 pH Laboratory	SAMPL							9.1.1				00	01/07	G	rab
W= 6/26/84	REQUIRED				1	6	.0		10.0				01/07	G	rab
00403 pH Laboratory	SAMPL					·		8,7				00	01/07	G	rab
W= 7-3-84	PERMI	THENT				6	.0		10.0				01/07	G	rab
00403 pH Laboratory	SAMPL			and the set	21.000			9.1				00	01/07	G	rab
W= 7/10/84	PERM					6	.0		10.0				01/07	G	rab
00403 pH Laboratory	SAMPI				· .						•	00	01/07	G	rab
W=	PERMI				1	6	.0		10.0				01/07	G	rab
-1 1.	SAMPI							· · · · ·							
7/2484	PERMI				187.76				•						1
	MEASURE				5			7.6.) - 91
7/38/84	PERM										-				•
NAME/TITLE PRINCIPAL EXECUTIVE	OFFICER	AND A	IFY UNDER PENALTY ON FAMILIAR WITH THE	INFORMATION SUBMIT	TED HEREIN: A	ND BASED				TEL	EPHONE	5	D	ATE	
1		OUTAIN IS TRU NIFICAT	(INDUIRY OF THOSE ING THE INFORMATIO IE, ACCURATE AND CO NT PENALTIES FOR S DSSIBILITY OF FINE AN C \$ 1319, (Promilier unit	IN, I BELIEVE THE S DMPLETE I AM AWAR SUBMITTING FALSE I ND IMPRISONMENT. SE	E THAT THERE NFORMATION, E 10 U.S.C.	ARE SIG- INCLUDING	SIGNAT	URE OF PRINCIPAL	EXECUTIVE					;	
TYPED OR PRINTED	A. A.	and or	maximum imprisonment a	f between 6 months and i	5 years.)		OFFIC	CER OR AUTHORIZE	D AGENT	GODE	NUMB	ER	YEAR	мо	DAY
COMMENT AND EXPLANATION OF AN	VIOLATIC	DNS (R	ejerence all allachmen												

THE PART PARTY AND THE MANY NOT OF MEET

.18

PAGE ON

.

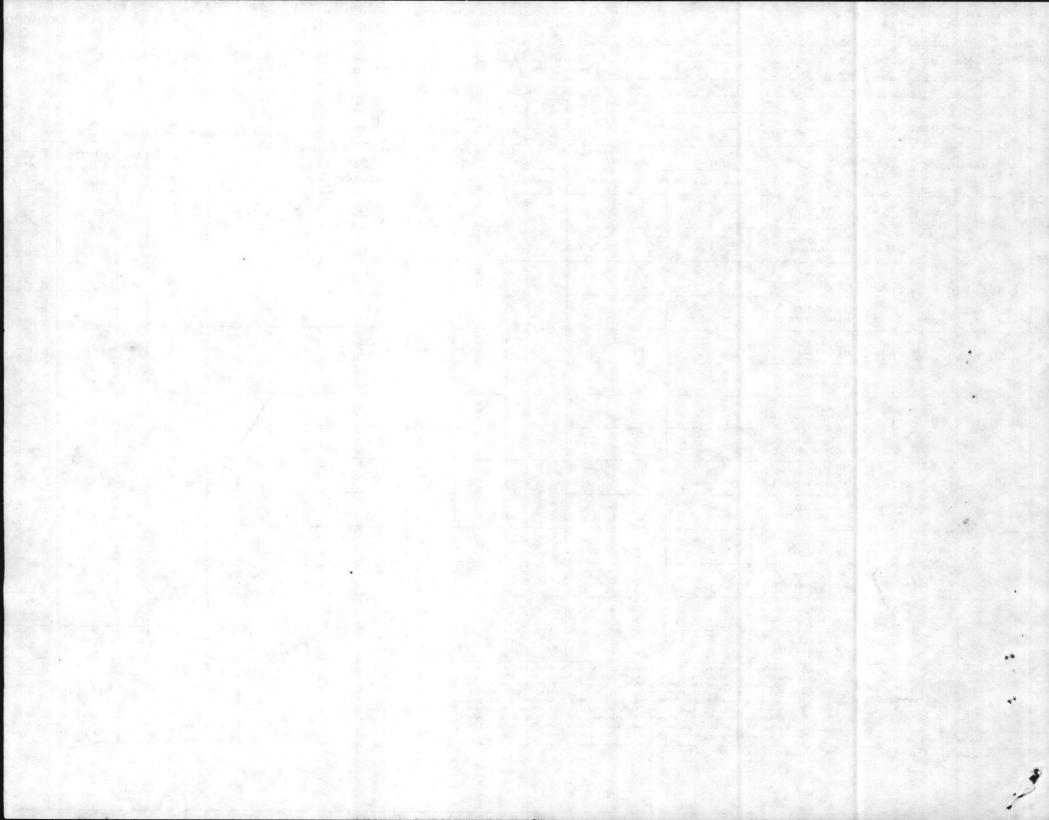


eRMITTEE NAME/ADDRESS (Include acility Name/Location if different)				RGE MONI				ES)			Form Ap OMB No.	•	
AMECommanding_Cer DokessMarine_Corps_1 Camp_Lejeune,_	Base		NC	0003239		DISCI	014 (Onslow Beac	h Water T	reatm	ent Pla	nt	•
Camp_Lejeune,-	- 146			MON	ITORING	PERIOD			4 1				
ACILITYUIC_67001			FROM	MO D	то	YEAR	MO DAY	6					•
		and the second	ANTITY OR LOADIN	11239 12 NG	(4 Card C)nly)	QUALITY OR CO	NOTE: Read In	structions Delo	NO.	FREQUENC	-	PLE
PARAMETER (32-37)	\mid	(46-53) AVERAGE	(34-61) MAXIMUM	UNITS	(38- MINI	43) IMUM	(46-53) AVERAGE	(34-61) MAXIMUI		V- EX	0F ANALYSIS (64-68)	TY	PE
00530 Fotal Suspended Solids	SAMPLI MEASUREM		:				13,3		mg/1		01/07		
v= 6-19-84	PERMIT	ENT					30	50			01/07	Cor	
00530 Total Suspended Solids	SAMPLI						19.5		mg/1	. 00	01/07	8 1	IC
6-26-84	PERMIT	ENT		1			30				01/07	Cor	up,
00530 Cotal Suspended Solids	SAMPLI				•		12,8		mg/1	00	01/07	81	IC,
1= 7-3-84	PERMIT	ENT				• 	30	50			01/07	Сол	np_
00530 Cotal Suspended Solids	SAMPLI	ENT	; 3	. all and the			31.0		mg/1	00	01/07	81	IC
1= 7-10/84	REQUIREM	ENT		115.24			30	50			01/07	Con	np -
00530 Cotal Suspended Solids	SAMPL			· . !			8.4		mg/1	00	01/07	8 H	IC_
1= 1/24/84	PERMIT	ENT			12.00		30	50			01/07	Con	ıp
•	SAMPL		and the	·			8.0						
7/38/34	PERMIT					 							i
	SAMPL			a .								_) 1 8
	PERMI											1	
NAME/TITLE PRINCIPAL EXECUTIVE		CERTIFY UNDER PENALTY AND AM FAMILIAR WITH THE	INFORMATION SUDMIT	TED HEREIN. A	ND BASED		·.		TELEPHO	DNE	D	ATE	
e high we have		ON MY INQUIRY OF THOSE OBTAINING THE INFORMATIC IS TRUE, ACCURATE AND C NIFICANT PENALTIES FOR	INDIVIDUALS IMMEDIA ON, I BELIEVE THE S OMPLETE I AM AWARE SUBMITTING FALSE IN	UBMITTED INF	ORMATION ARE SIG				1		-	·	•
[1] 考入的"学校"、注意"教"、		THE POSSIBILITY OF FINE A	der three statutes may i	include fines up	In \$10,000		URE OF PRINCI		AREA	MBER	YEAR	MO	DAY
TYPED OR PRINTED	and the second second second	and ur maximum imprisonment				OFFI	CER OR AUTHOR	ALEU AGENT	CODE	MOER	I TEAM		
OMMENT AND EXPLANATION OF AN	IT VIOLATIO	13 the first and and and and a											

entricht wo ne liern

.

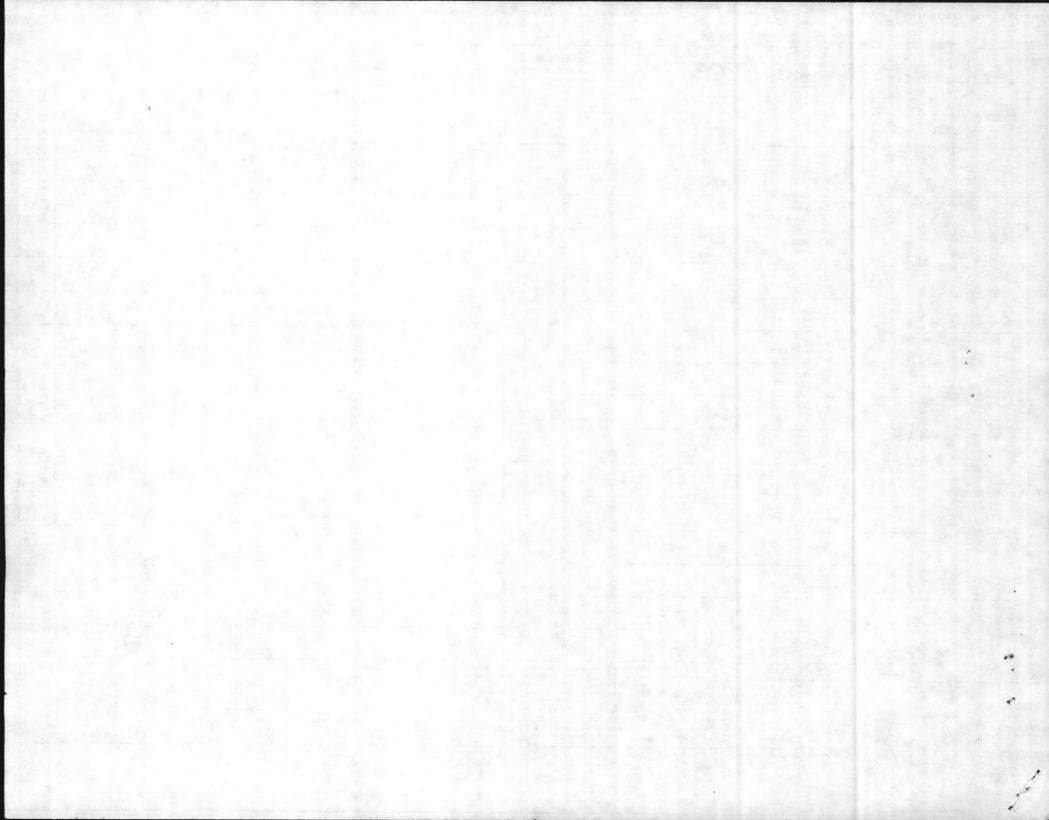
.



PERMITTEE NAME/ADDRESS (Includ Facility Nume/Location if different) NAME Commanding_Ge	enezal				ORING REPO	(17-19)	low Beac	h Wata	r Tre		Form A, OMB No	o. 200	
ADDRESSMarine_Corps_	Base			IT NUMBER	DIS	CHARGE NUMBER	IOW Deac	al wale	1 110	aLind	, inc. I I	anc	
Camp_Lejeune,	- NC 20342-			MUNI	TORING PERIOD	5		: •			•		
ТАСІЦИЗ UIC_67001			FROM	MO DA	10)TE: Read In	structions	before	comp	leting th	s form	
PARAMETER		J Card Only) QU/ (46-53)	ANTITY OR LOADIN		(4 Card Only). (38-45)	QUALITY OR CONC (46-33)			÷	NO.	FREQUEN	CY 5/	AMPLE
(32-37)		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMU	M U	INITS	(62-63)			69.70)
00403 pH Laboratory	SAMPLE MEASUREMENT					7.7				00_	01/07	G	rab
W= 7 AUG 84	PERMIT REQUIREMENT				6.0		10.0				01/07	G	rab
00403 pH Laboratory	SAMPLE MEASUREMENT					6.7				00	01/07	G	Grab
W= 14AUG 84 00403	PERMIT REQUIREMENT			;	6.0		10.0				01/07	G	Grab
00403 pH Laboratory	SAMPLE MEASUREMENT				·			·		00	01/07	G	Grab
W= 21 AUG 84	PERMIT				6.0	7.9	10.0	·		·	01/07	G	Grab
00403 pH Laboratory	SAMPLE MEASUREMENT					a starte in		·		00	01/07	G	Grab
W=	PERMIT REQUIREMENT				6.0		10.0	·			01/07	G	Grab
00403 pH Laboratory	SAMPLE MEASUREMENT							<u> </u>		00	01/07	G	Grab
W=	PERMIT			/	6.0		10.0			25	01/07	G	Grab
	SAMPLE MEASUREMENT				•								
N	PERMIT						· .						i
Service and a service of a serv	SAMPLE MEASUREMENT			10									יין קיי
	PERMIT									199			
NAME TITLE PRINCIPAL EXECUTIV	AND AM	FAMILIAR WITH THE	OF LAW THAT I HAVE INFORMATION SUBMIT	TELY RESPONSE	D BASED			TEL	EPHON	E		ATE	<u>.</u>
		NG THE INFORMATIO	IN, I BELIEVE THE S DMPLETE, I AM AWARE SUBMITTING FALSE IN ND IMPRISONMENT, SEE	THAT THERE								·	
	22010	\$1310 (Penaltics un	der these statutes may in f between 6 months and 5	include lines up	to \$10,000	ATURE OF PRINCIPAL		AREA	NUM	ER	YEAR	MO	DAY
COMMENT AND EXPLANATION OF A	NY VIOLATIONS (Re	ference all attachmen	its here)							·			
5					and the second second							1 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 1	

INTELLOTE FOL FORM T. AN WHICH HAN NOT DE LIGED. -----

PAGE n



AMITTEE NAME/ADDRESS (Include Nily Name/Location if different) MECommanding_Cenesal DRESSMarine_Corps_Base Camp_Lejeune,_NC28542			DISCHAR	RGE MONI (2-16)	ARGE ELIMINATIO	(17-19)	low Beac	h Wate	r Tre		OMB No	. 2000	
Camp_Lejeune_	NC285	i42		IT NUMBER	DISC	HARGE NUMBER							
			-		ITORING PERIOD	MO DAY			•				•
ACILITY UI C-67001 OCATION LANTDIV			FROM		AY TO (14-27)		6 TE: Read ins	structions	before	compl	cting thi	a form	
PARAMETER		(3 Card Only) QU (46-53)	IANTITY OR LOADIN (54-61)	IG .	(4 Card Only) (38-45)	QUALITY OR CONC (46-53)	ENTRATION (54-61)		<u> </u>	NO.	FREQUEN OF ANALYSI		AMPLE
(32-37)	X	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMU	м	TINITS	(62-63)			69.70)
0530 otal Suspended Sqlids	SAMPLE	ENT				23.0	· · · · · · · · · · · · · · · · · · ·	m	g/1	00	01/07	. 8	НС
= 7AU684	PERMIT			1		30	50				01/07	G	omp
0530 otal Suspended Solids	SAMPLE				1	11.6		m	g/1 .	00	01/07	8	НС
14 AUG 84	PERMIT	ENT		!		30	50				01/07	C	omp
0530 otal Suspended Solids	SAMPLE			120		NU SAMALE		m	g/1	00	01/07	8	HC,
= 21 AVG 87	PERMIT	ENT				30	50				01/07	C	omp
0530 otal Suspended Solids	SAMPLE		1		· ·		· .	m	g/1	00	01/07	8	HC
=	PERMIT	ENT				30	50				01/07	. C	omp
0530 otal Suspended Solids	SAMPLE	ENT	1. A.	· .				m	g/1	00	01/07	8	НС
-	PERMIT	ENT		!		30	50				01/07	C	omp
	SAMPLE												
	PERMIT						•						i
	SAMPLI												، بر
	PERMIT							·					
NAME/TITLE PRINCIPAL EXECUTIVE	- officer	CERTIFY UNDER PENALTY	F INFORMATION SUDMITT	ED HEREIN, A	ND BASED	۰.		TEL	EPHONE			ATE	: T
* t,		ON MY INQUIRY OF THOS	ON, I BELIEVE THE SU COMPLETE I AM AWARE SUBMITTING FALSE IN	THAT THERE								·	
TYPED OR PRINTED	1. S	THE POSSIBILITY OF FINE A 33 USC \$ 1319. (Penalties u and ar maximum imprisonment	AND IMPRISONMENT SEE	18 USC.	IN SIN MAN	TURE OF PRINCIPAL		AREA	NUMB	ER	YEAR	мо	DAY
OMMENT AND EXPLANATION OF AN	Contraction of the second s												

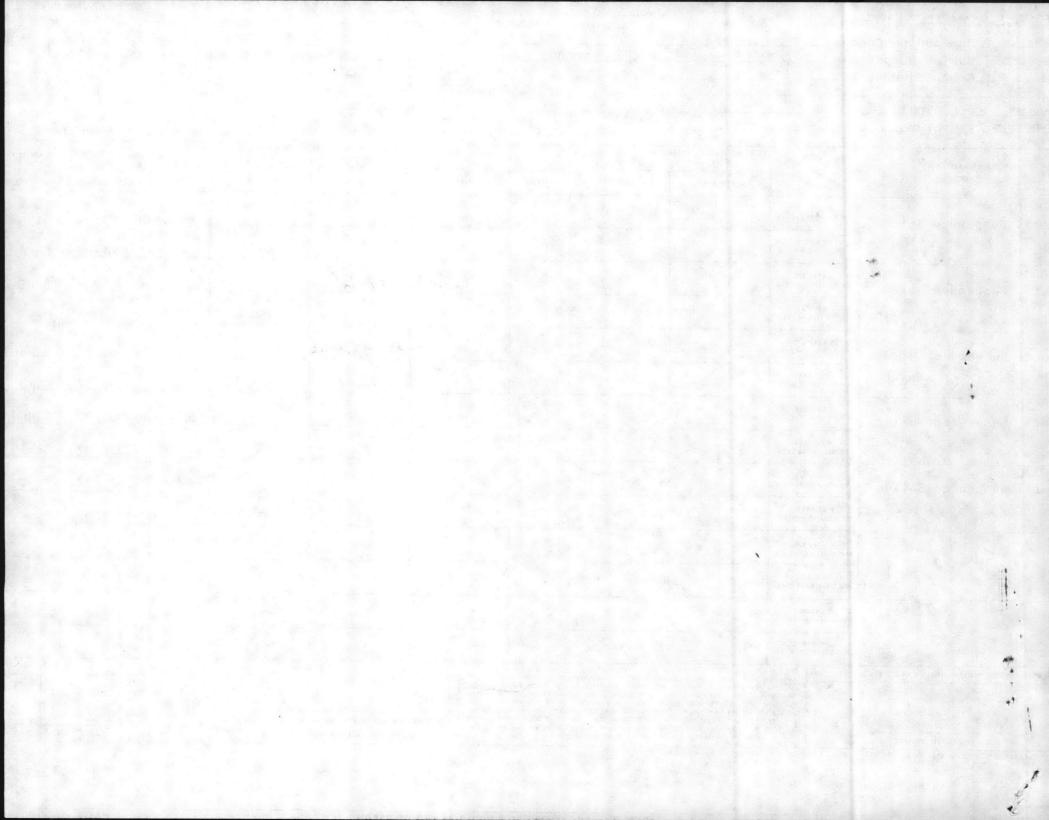
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference

(DEDIACKS EDA FORMITAO WHICH MAY NOT BE USED.) -----

PAGE OF

.

•



6280/2 NREAD 2 5 JUN 1984

Regional Administrator Environmental Protection Agency Region IV, Nater Enforcement Eranch 345 Courtland Street Atlanta, Georgia 30309

Dear Sir:

In accordance with requirements of National Pollutant Discharge Elimination System (NPDES) permit number NC0003239, Discharge Monitoring Reports (DNRs) for the period March, April and May 1984 are submitted.

Comp Johnson Wastewater Treatment Plant violated the NFDES permit requirement for monthly Total Suspended Solids (TSS) percent removal average for March 1984. Operators observed red colored wastewater containing unidentified chemicals flooding the trickling filter on 16 and 18 April 1984. The shock load caused trickling filter growth damage.

Rifle Range Wastewater Treatment Plant violated the NPDES permit requirement for monthly Biochemical Oxygen (BOD) percent removal average for March 1984. The BOD influent concentrations were extremely low, with a monthly average of 30 mg/l and a maximum value of only 53 mg/l. The BOD effluent average was only 5 mg/l. Therefore, the violation was due to a low influent BOD concentrations caused by heavy rains diluting the wastewater and a reduced number of personnel using the area.

Courthouse Bay Mastewater Treatment Plant violated the NPDES permit requirements for monthly BOD percent removal average for March and April 1984 and monthly TSS percent removal average for April 1984. This problem is attributed to shock loads of chemicals and oil from oil/water separators entering the plant. On 23 March 1984, the new raw sewage holding basin was put into operation. During the week of 15 April 1984, the influent sampling point was moved to the lift station before the basin to obtain a more representative influent sample. In May 1984 the plant BOD and TSS percent removal met compliance requirements.

Coslow Beach Wastewater Treatment Plant violated the NFDES permit requirement for monthly TSS percent removal average for April 1984. The TSS influent concentrations were low, with a monthly average of 40 mg/l and a maximum value of 100 mg/l. The TSS offluent average was only 7 mg/l. The violation was attributed to a low influent flow and associated BOD concentration which was the result of few personnel assigned to the area.

1.1.1 4887 周刊 2 4

Statistical and set of the set of and the second second search of the second is a start when a second of the second of the second second second second second second second second second se angen bes har in the forebres, and the second strategies in the pair of the the second standing and a standard the second standard the and an analysis of the second state of the second state of the second state of the second state of the second s s and attain a feature faith the start of the start of a large the The provide the state of the second second

and the second of any second second

Wenter Wards Wards, and share at Materia 22 and 12 and the second second

the second second and the second of the second s Springer as manager (1991) decent) factorized of the second second second second second second second second s

The second s and the set of the set and the second state of th per Miller and Friedrich Mer Mer Westerne and an and a second state

and the state of the second second and the set of the defension of the

SER THE

LARDER STREET, SAME TO BE SHOT T

in a second to a second of the second s ter and the set of the 为我的时候我了。""我们是这些我们的时候,我们就是这些人,你就是你们的时候,你们不可能得到了。" history and the state Comment of States and The I save the second and a state of the second and the second second second The set and the set of a set of a set of the and the set of a set The second of the second s

The storm drain violations depicted by the enclosed table may be correlated with base geography and facilities by referring to maps with numbered storm drain monitoring points that have been previously provided to your agency. Storm drains that have no values reported for the quarter were checked; however, each time they were checked they were either dry or had no flow. The base environmental staff is continuing to work on operational control methodology to reduce oil and grease and suspended solids discharges.

For further pertinent details on any of the above, you may contact Mr. Julian Wooten, Director, Natural Resources and Environmental Affairs Division at (919) 451-5003/2083.

Sincerely,

M. G. LILLEY Colonel, U. S. Marine Corps Assistant Chief of Staff, Facilities By direction of the Commanding General

Encls:

(1) DMRs
 (2) Discharge Violations

Copy to: CMDR NAVFACENGCOM CMDR NESSA NC Dept of NatRes&ComDev

Blind copy to: (w/encl (2)) BMAINDIV (Util Br) NREAD (QCL)

ASSACT

Nelsonal fo

Sector and the sector of the

States and states

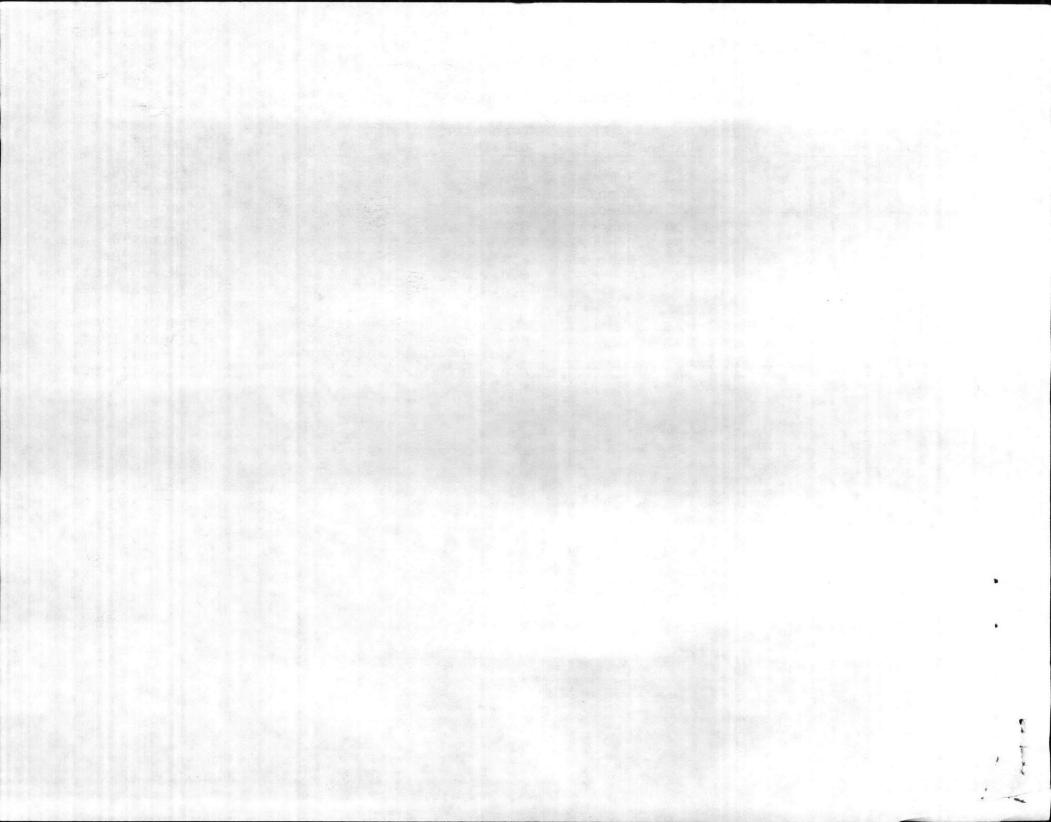
Sentile Love enclosed (S

A AND REAL PROPERTY AND

Vation Applies and Applies (available available av

NPDES PERMIT NO. NC0003239 VIOLATIONS FOR THE PERIOD March, April, May 1984

Monitoring Station or Storm Drain No.	Parameter	Parameter Limits	Value	Date
SS 03	TSS % Removal	85%	84.8	March 1984
SS 05	BOD % Removal	85%	83.3	March 1984
SS 06	BOD % Removal	85%	75.8	March 1984
SS 06	BOD % Removal	85%	80.4	April 1984
SS 06	TSS % Removal	85%	73.8	April 1984
SS 07	TSS % Removal	85%	82.5	April 1984
SD 57	pH	6.0-9.0	9.4	1 March 1984
SD 67	pH	6.0-9.0	5.7	12 March 1984
SD 71	TSS	50 mg/1	115.0	12 March 1984
SD 42	TSS	50 mg/1	419.3	3 April 1984
SD 43	TSS	50 mg/1	154.0	3 April 1984
SD 90	pH	6.0-9.0	5.9	19 April 1984
SD 30	pH	6.0-9.0	5.6	26 April 1984



BASE MAINTENANCE DIVISION

Marine Corps Base

Camp Lejeune, North Carolina 28542

MAIN/WRP/shk 11345.4 11 April 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, M-136

1. The Camp Johnson Wastewater Treatment Plant violated the parameter for per cent removal of suspended solids for the month of March 1984, parameter being 85% removal. Removal for the month of March was 84.8% suspended solids.

2. Shock loads of unidentified chemicals and red water flooded the trickling filter on the 16th and 18th, killing the filter growth which takes approximately two weeks to regain normal efficiency.

3. We have checked all areas of Camp Johnson but have been unable to locate a source or type of chemical that could have caused the destruction of filter growth.

WARhice

W. R. PRICE

MAIN/DLS/shk 11345 12 April 1984

FIRST ENDORSEMENT on Utilities Systems General Foreman 1tr MAIN/WRP/shk 11345.4 of 11 April 1984

From: Base Maintenance Officer To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, M-136

1. Forwarded for appropriate action.

D. L. SOUTHERLAND By direction

enanty shall be an early of the ndefinent sepapatos, esta do sont for tentino consentino sontanti inclui fato predicante in pere registratores gande letter de la consenta de la consenta de la destructura de la deganeración es non consenta de la deganera NEL. NEL enification of the second s - provide second seco at i the molecule relation of the second of the a state been enderstalle. The second residence in the second state to a taken event in the backers a second or from off the second state of the s and the second second second second and Variation and Contract of the State of t anto\920, test of a sub-case a case a sub-case. The field y 200/other that is a sub-case a sub-case. Ale metrical direct area in the amidus addingerage tol hibrarto.

MAIN/WRP/shk 11345.4 11 April 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, M-136

1. The Camp Johnson Wastewater Treatment Plant violated the parameter for per cent removal of suspended solids for the month of March 1984, parameter being 85% removal. Removal for the month of March was 84.8% suspended solids.

2. Shock loads of unidentified chemicals and red water flooded the trickling filter on the 16th and 18th, killing the filter growth which takes approximately two weeks to regain normal efficiency.

3. We have checked all areas of Camp Johnson but have been unable to locate a source or type of chemical that could have caused the destruction of filter growth.

W. R. PRICE

MAIN/DLS/shk 11345 12 April 1984

FIRST ENDORSEMENT on Utilities Systems General Foreman ltr MAIN/WRP/shk 11345.4 of 11 April 1984

From: Base Maintenance Officer To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, M-136

1. Forwarded for appropriate action.

D. L. SOUTHERLAND By direction 841/422/258 110554 110654

> Frein Stilltics syntems General Fertaer. Sei Saractor, Stilltice Franch

. 5: - . Rolalolv character, - 10

and the second of the second second second

 The Company Matewater Transmont Minds violates the parameter for set cone removed of surpayed colles for the same of Marco 1964, persector octop and removel the the sector of March violate Stanged as solida.

 Sheqh load; of unit, antified thereis and and fact floor. Indersides filter and the both and 19th, idilities the Filter group which three manualmately two weeks to reacts manual effection;

3. We have checked all drank of they bounded by dava back analis to ledate of a sources of type of checked they apply have conselfine description of filter growth.

PIEST E DORSEARLY ou de Littles by sens General Forman Hi Maley EDALE.

loop: Basa Maintenance (11200) To: "Migetor, Bitural Pepeurces and Environced: 1 Airdine

Subj: APDES trais relation; 8-135

is received to a superior of the superior of t

U.A.I.S.H. M.

when the second

and there is a

ana (ddii)kin (11253 - 11254 - 12744 (sala di celabéré (° _{con}

BASE MAINTENANCE DIVISION Marine Corps Base Camp Lejeune, North Carolina 28542

MAIN/WRP/shk 11345.4 11 April 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, BB-207

1. The Courthouse Bay Wastewater Treatment Plant violated the parameter for percent removal of BOD for the month of March 1984, parameter being 85% removal. Removal for March was 75.8% for BOD.

2. Loads of chemicals and oil from oil/water separators continued to flood the plant keeping the filter growth cut down until the 23rd when the raw sewage holding pond was put into operation.

3. The new raw sewage holding pond was put into operation on the 23rd of March. After a short period of adjustment, the shock loads should be eliminated and allow a much smoother operation.

WARNie R. PRICE

MAIN/DLS/shk 11345 12 April 1984

FIRST ENDORSEMENT on Utilities Systems General Foreman 1tr MAIN/WRP/shk 11345.4 of 11 April 1984

From: Base Maintenance Officer To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, BB-207

1. Forwarded for appropriate action.

D. L. SOUTHERLAND

D. L. SOUTHERLAN By direction

nord of when the number of the line of an in the second second second South and the state of the stat The side of the side Alas and the side of and the second state of the second a second the state that the contractor set and how the set of the barreness of the set the religious the severily A PART IN A PART ALL NO VIET THE PROPERTY CALLED ALL DON THE STOLEN STRUCTURES TO DE and the second second

> Promi Areo allatencipio (6, 11) Por Ditro Port Vening A Secret - Forstag - 6 1 (11) Solar or else both stands their sides

- Det Stell für die ein film geben einer eine

A - Martine - Ma

MAIN/WRP/shk 11345.4 11 April 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, BB-207

1. The Courthouse Bay Wastewater Treatment Plant violated the parameter for percent removal of BOD for the month of March 1984, parameter being 85% removal. Removal for March was 75.8% for BOD.

2. Loads of chemicals and oil from oil/water separators continued to flood the plant keeping the filter growth cut down until the 23rd when the raw sewage holding pond was put into operation.

3. The new raw sewage holding pond was put into operation on the 23rd of March. After a short period of adjustment, the shock loads should be eliminated and allow a much smoother operation.

W. R. PRICE

MAIN/DLS/shk 11345 12 April 1984

FIRST ENDORSEMENT on Utilities Systems General Foreman ltr MAIN/WRP/shk 11345.4 of 11 April 1984

From: Base Maintenance Officer To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, BB-207

1. Forwarded for appropriate action.

AREVERVELS A.88211 SULLINA IF

> Bross Striftslee Spitens Ceneral Porcher Tot Directori Brill ries Brown

Tist: WDMS WAYNER VISLOUD .18:

Les The courdbaux hav beatcarthe frequent Flant vulness 106 percaster fors perfect removel 65 200 for the back of feach 300, peremater barog,45% courvel: Farerel for March vus 19,6% for 800,

i, besta of the tals as oil from all/water separategra continued to float the plane beniss the filter growth sub down angle the Gord when the samige helding and see put into parietion.

 The new ray measure welding point was put face bpartition on the first of intro-Afour a whore puried of adjustment, the short louds would be citainated and allow a much angother operation.

PLIN & H H

EIROT EMBORIDERT om Utilities Systers Comeral formant itr fally/wit/suk-

roas fase aintenance officer a

Noil: ATTES Ferral: Violation, 18-207.

ianged the estimated workers and the

D. I. SOUTHTREE.

BASE MAINTENANCE DIVISION Marine Corps Base Camp Lejeune, North Carolina 28542

MAIN/WRP/shk 11345.4 11 April 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, RR-92

and an

1. The Rifle Range Wastewater Treatment Plant violated the parameter for per cent removal of BOD for the month of March 1984, parameter being 85% removal. Removal for the month of March was 83.3% BOD.

2. There was an extremely low BOD influent for the entire month with an average of 30 mg/l and an effluent average of 5 mg/l. With a BOD influent this low, we cannot meet the percent removal requirement. However, we are still within the limits of total BOD discharge.

3. It is believed that the low BOD influent was due to heavy rain and very few people on the range.

W. R. PRICE

MAIN/DLS/shk 11345 12 April 1984

FIRST ENDORSEMENT on Utilities Systems General Foreman ltr MAIN/WRP/shk 11345.4 of 11 April 1984

From: Base Maintenance Officer

To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, RR-92

1. Forwarded for appropriate action.

Q.S. Southerland D. L. SOUTHERLAND

na (Electronia) MRNA MARIA

> From: Makitikas Lyntör (Carole Forolai) 61 - Din ener, Verideal, de sele

الی 1 - المحالة الذا العباد عن الحالية من محتلة المال العام المحتل المحتل عام المحتلة المحتل والمعالي والمحالي محتلة الجامعية الذال 114 - فهاد الله اليا تمثل عام المحتل المعالة الذالي إجاز محال المحتلي الكان المحتل العام ال الاها محتف المحتل المحتل الذالية والمحتان الذالية ال

ີດ. ຈີກອະດະດີດ ຈະ ແລະ ແລະຊີບູ້ເມຍູລີບີດີ ສະດີດດີດ ເມື່ອງ ເປັນ ຊີບັດ ຈະເປັນ ອີບັດ ແລະ ແລະບົດແດງເຮືອງ ລະ ກໍາຊີບໍ່ເສັດ ແລະ ທີ່ໃນການສະຊົນເປັນ ແລະເຊັ່ງ ກາງຊີບູ້ ໄດ້ເກັດ ອີບັນ ແລະໄປແດນເລ ເປັນໄດ້ ມີດະຊຸມແຜງດານການ ເຂົ້າກໍ່ມີມາຍ ຫຼື ກາກເປັນເປັນມານີ້. ອາດານນີ້ນັບ ການນີ້ນັບມານ ເມື່ອງ ອີບັນໄປແດນ ເຫັດການ ອີບັນດີນ ມີຄຸມການ ເປັນ ເຮົາ ກັບແລະ ທີ່ມີ ເປັນ ການສະ

ar Beita Daltevet diet in "under Schles Schleer und verge

ALL /ISA/ALL 11120 The American

TRUSH ENDERGETTE AN VELLEGE E DALEAU (UN 2011 TOUREE) AF ALLA UVALE. TRUSH ENDERGETTE AF VELLEGE AF AF AFTER

> Drami (1990) foint-model (11) is Tot (Disectory Colored Tones rect and revisioned a Ciletor

> > Sabjer HEDIE Derivity Alleria male is

. Forwardet for open cointer a constant of the second of the

A CALLER AND A C

MAIN/WRP/shk 11345.4 11 April 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, RR-92

1. The Rifle Range Wastewater Treatment Plant violated the parameter for per cent removal of BOD for the month of March 1984, parameter being 85% removal. Removal for the month of March was 83.3% BOD.

2. There was an extremely low BOD influent for the entire month with an average of 30 mg/l and an effluent average of 5 mg/l. With a BOD influent this low, we cannot meet the percent removal requirement. However, we are still within the limits of total BOD discharge.

3. It is believed that the low BOD influent was due to heavy rain and very few people on the range.

W. R. PRICE

MAIN/DLS/shk 11345 12 April 1984

FIRST ENDORSEMENT on Utilities Systems General Foreman ltr MAIN/WRP/shk 11345.4 of 11 April 1984

From: Base Maintenance Officer To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, RR-92

1. Forwarded for appropriate action.

ada. (2004) / 2003 2013 - 2013 2014 - 2014 - 2014 2014 - 2014 - 2014

result lerense annual annual foraithigh ignort

Stand , nable Take Stories and a tided

1. The first inter astronates Tractmant Mane Valuates the parameter for per cent removal of 500 for the mast of March 19 4, permatter balas 0 % for avail "catoval for the routh of Garch var 32.21 Mar.

 There was an extremely low web follows: for the whitte mention with an average of Mergy/Dank an efficient average of a mg/L. Aith 6,000 influent this low, we cannot nest the present removal requiredent. Not ever, We are stilly withing incides of Creal 300 cases.

1. To its believed that The Levi 200 in lyant we did to heavy rais and wery -

BAIN/DES/scir
 11345
 12 Auril 1964

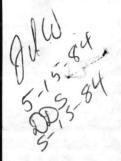
PIMAL #COONSIDE T on Peldici Systems Coueral Forence in SAIN/RE/MAR 1134.14 of 11 April 1961

> Provi Base Haintelence Of List To Birector, ettics Resources and Fryfromencial Affairs

> > Subir dents Perril Plates. 31-17

i. orvatiad for appropriate action.

U. L. SUNTRANALS



BASE MAINTENANCE DIVISION Marine Corps Base Camp Lejeune, North Carolina 28542

MAIN/WRP/shk 11345.4 10 May 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, BB-207

1. The Courthouse Bay Wastewater Treatment Plant violated the parameter for percent removal of BOD and SS for the month of April 1984, parameter being 85% removal. Removal for April was 80.4% BOD and 73.8% SS.

2. The new raw sewage holding pond was put into operation on March 23, 1984. The initial adjustment period required more time than expected due to pond discharge pumps being oversized for present plant capacity. The capacity of the pond discharge pumps is considerably greater than the existing plant capacity. This resulted in the plant being flooded for approximately two hours and then it was off for approximately the same period of time. This allowed the filter growth to dry out and fall off. Also, raw sewage was being diluted in pond due to influent line being submerged in approximately two feet of water.

3. A new 250 gallons per minute pump has been ordered to replace one of the existing 500 GPM pumps in pond which will give an even and continuous flow that is compatible with the existing plant capacity. Also, the influent sampling point has been relocated to the lift station, Building SBB-1, where a more representative sample can be collected.

MAIN/DLS/shk 11345 10 May 1984

FIRST ENDORSEMENT on Utilities Systems General Foreman 1tr MAIN/WRP/shk 11345.4 of 10 May 1984

From: Base Maintenance Officer To: Director, Natural Resources and Environmental Affairs

- Subj: NPDES Permit Violation, BB-207
- 1. Forwarded for appropriate action.

adas – Della Stange, opisierale Australie, Dele agos 11. – Praes abort, – als 1911, en Frenzeis

. we and the state of the second

(a) The a strike and the source is leave dealer freed with test of the strike is a strike the side of the strike of the sets all sets that is the A-matrix above, when you is the strike of the strike strike equals of the strike of the strike strike is.

Le conquérie de destrie de l'intro pour d'année de l'intro de la construction de la co

e.i. A population of the company electron and the contract of the contract

jîm jî f

inavan'y La

COPPER HOLE CAL

diese alloweddaedig of weitigt of second composition (1777). Allowedd a'r a chan o'r composition (1777). Allowe Itsefed of the composition of the

> zam, sas nosti e os takos os - simotosis anos to san code nel invizi sestel. Cista -

> > Marine Correction of the design of the

- tott an administration behranties

ан 1990 он 1990 ал 1990 он 1990 Сар 1997 общи

MAIN/WRP/shk 11345.4 10 May 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, BB-207

1. The Courthouse Bay Wastewater Treatment Plant violated the parameter for percent removal of BOD and SS for the month of April 1984, parameter being 85% removal. Removal for April was 80.4% BOD and 73.8% SS.

2. The new raw sewage holding pond was put into operation on March 23, 1984. The initial adjustment period required more time than expected due to pond discharge pumps being oversized for present plant capacity. The capacity of the pond discharge pumps is considerably greater than the existing plant capacity. This resulted in the plant being flooded for approximately two hours and then it was off for approximately the same period of time. This allowed the filter growth to dry out and fall off. Also, raw sewage was being diluted in pond due to influent line being submerged in approximately two feet of water.

3. A new 250 gallons per minute pump has been ordered to replace one of the existing 500 GPM pumps in pond which will give an even and continuous flow that is compatible with the existing plant capacity. Also, the influent sampling point has been relocated to the lift station, Building SBB-1, where a more representative sample can be collected.

W. R. PRICE

MAIN/DLS/shk 11345 10 May 1984

FIRST ENDORSEMENT on Utilities Systems General Foreman 1tr MAIN/WRP/shk 11345.4 of 10 May 1984

From: Base Maintenance Officer

To: Director, Natural Resources and Environmental Affairs

- Subj: NPDES Permit Violation, BB-207
- 1. Forwarded for appropriate action.

DATMANU /auk 11343.4 10 lus lus

Subj: MPDEC Periat Violetion, NR+207

 The Contributed by Washeeter Irecteent Plant violated the parameter for percent removal of 600 and 55 for the Wonth of April 1985, carameter being 57 removal. Removed for April was 60.4% 500 and 73.8% SS

The new raw reveates holding pondewas put fute operation th harch 13 1504 The initial adjustment period requires more that then expected due to each discharge pumps being correlated for present plant topecity. The copperity of the pond discharge bumps is considerably grooter that topecity. The copperity of coperity. This resulted in the plant being flooded for approximately two hows and then it can be for toproximately the send part of time. This is loaded the filter growth to day wet and 11 ff. Also, raw sender way being alloced in unit due to influent line being entering in opproximately top feet of note the top continent line being entering in opproximately top feet of note:

3. A new 250 gallons per ninule reas been ordered to replace one of the extering 500 GH purps in some which will give an even and continuous flow that is accossible with the velocing glast capacity. Also, the influent each ting point has been throughed to the life station, building Shail, where a more representative sample can be collected. Some

WILL FULCE

(* 18410) 2637 abe 11345 * 10 wey 1934

FIRST ELDORSEMENT on Utilities Systems Casers Lorenan its Milly Frefers

Frost Lass Maintanante Officer 19: Offector, Satural Leasures and Environmental Affeirs

. 1097. - NPDLS Permit Violations Ma-207

i. Furmanni for appropriação actinu

D. E. SOUTHLINGIO L. STREETER

BASE MAINTENANCE DIVISION

Marine Corps Base Camp Lejeune, North Carolina 28542

> MAIN/WRP/shk 11345.4 10 May 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, SBA-160

1. The Rifle Range Wastewater Treatment Plant violated the parameter for percent removal of SS for the month of April 1984, parameter being 85% removal. Removal for the month of April was 82.5%.

2. There was extremely low influent solids for the entire month with an average of 40 mg/l and an effluent average of 7 mg/l.

3. We believe that a low influx is the primary reason for the low influent solids.

WR R. PRICE

MAIN/DLS/shk 11345 10 May 1984

FIRST ENDORSEMENT on Utilities Systems General Foreman ltr MAIN/WRP/shk 11345.4 of 10 May 1984

From: Base Maintenance Officer

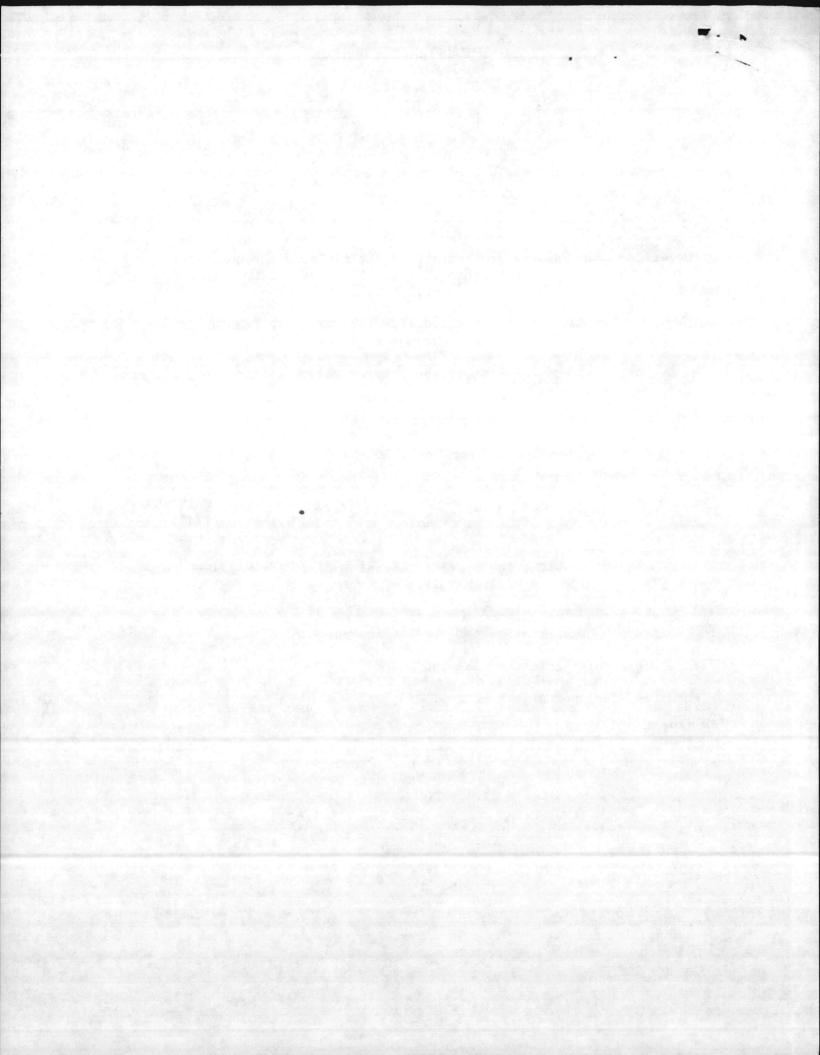
To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, SBA-160

1. Forwarded for appropriate action.

D. J. Southerland

By direction



BASE MAINTENANCE DIVISION Marine Corps Base

Camp Lejeune, North Carolina 28542

MAIN/WRP/shk 11345.4 10 May 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, SBA-160

2000 4

1. The Rifle Range Wastewater Treatment Plant violated the parameter for percent removal of SS for the month of April 1984, parameter being 85% removal. Removal for the month of April was 82.5%.

2. There was extremely low influent solids for the entire month with an average of 40 mg/l and an effluent average of 7 mg/l.

3. We believe that a low influx is the primary reason for the low influent solids.

MAIN/DLS/shk 11345 10 May 1984

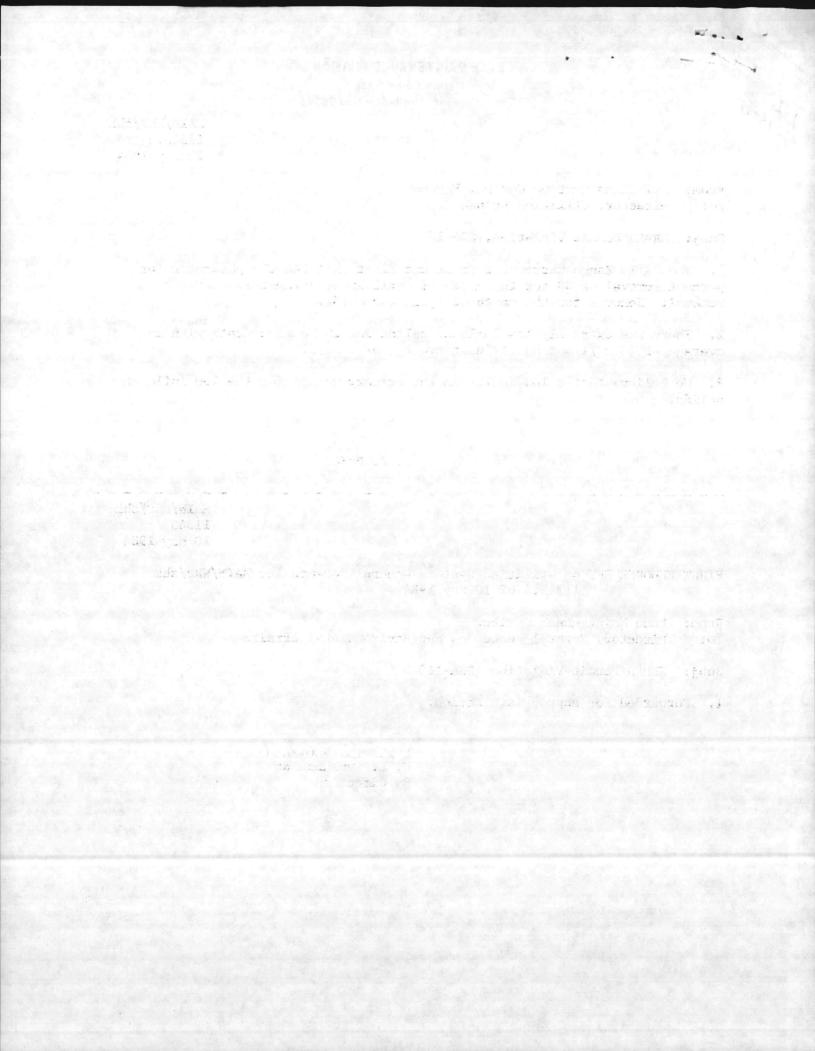
FIRST ENDORSEMENT on Utilities Systems General Foreman ltr MAIN/WRP/shk 11345.4 of 10 May 1984

From: Base Maintenance Officer To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, SBA-160

1. Forwarded for appropriate action.

L. SOUTHERLAND



MAIN/WRP/shk 11345.4 10 May 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, SBA-160

1. The Rifle Range Wastewater Treatment Plant violated the parameter for percent removal of SS for the month of April 1984, parameter being 85% removal. Removal for the month of April was 82.5%.

2. There was extremely low influent solids for the entire month with an average of 40 mg/l and an effluent average of 7 mg/l.

3. We believe that a low influx is the primary reason for the low influent solids.

W. R. PRICE

MAIN/DLS/shk 11345 10 May 1984

FIRST ENDORSEMENT on Utilities Systems General Foreman 1tr MAIN/WRP/shk 11345.4 of 10 May 1984

From: Base Maintenance Officer To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, SBA-160

1. Forwarded for appropriate action.

iram, Unfittles Systems Conoral Foreman

Subj MCGLE Lamit Violation, SCA-190

1. The Mills Home Lestevator Instant Flux, violated and analysis for erecat Relovation of SP For the muscle of April 1504, parkmuter being and removil. Relovat for the month of April Was 64.1%.

2. There was extremely low influent solids for the multipromity with an evence of \$1 movel an of light avoidant of \$1 movel.

of We believe that a low influe is the primary reason , or the low influent

1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -

1. L. SOUTH HAR

- MAIS/062/346 11 - - - -17 - Pay 1930 - - - - -

11342.4 11342.4 1342.4

> > subj: WELL& "controlations" ADA 150

1. Formarial for appropriate antion.

NREAD/EAB 6280/2

Regional Administrator Environmental Protection Agency Region IV, Water Enforcement Branch 345 Courtland Street Atlanta, Georgia 30309

Dear Sir:

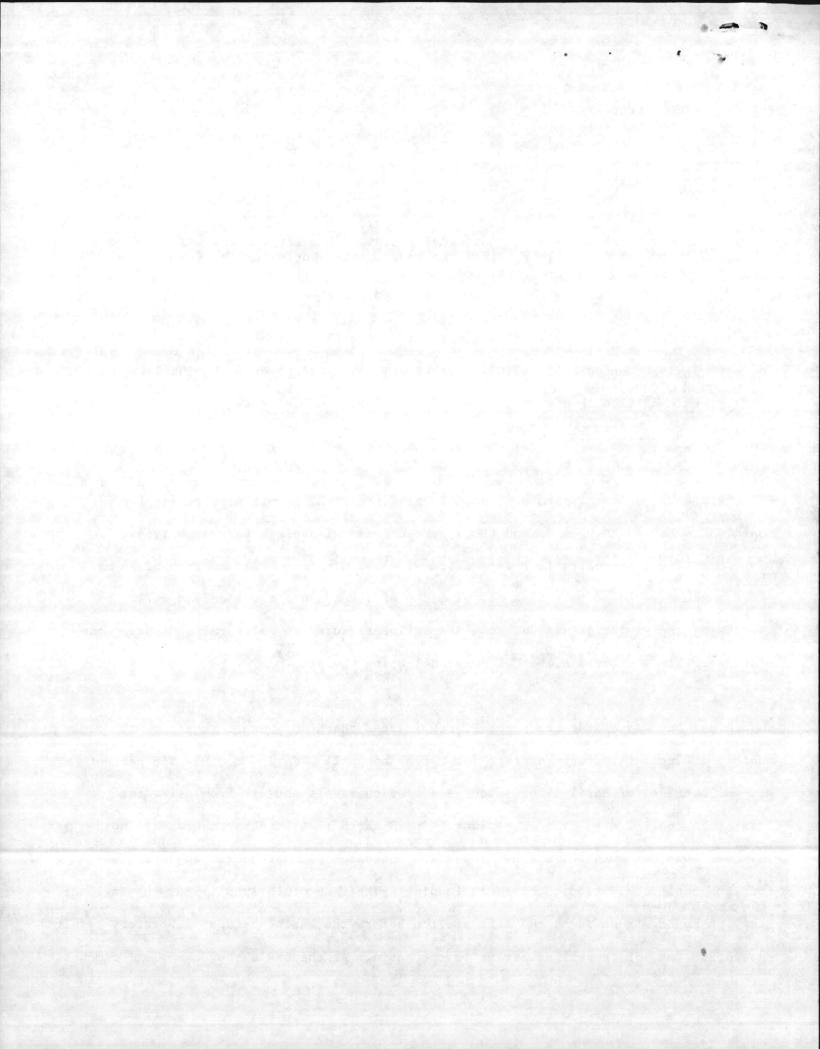
The p

In accordance with requirements of National Pollutant Discharge Elimination System (NPDES) permit number NCO003239, Discharge Monitoring Reports (DMR's) for the period March, April and May 1984 are submitted.

Camp Johnson Wastewater Treatment Plant violated the NPDES permit requirement for monthly Total Suspended Solids (TSS) percent removal average for March 1984. Shock loads of unidentified chemicals and red water flooded the trickling filter on 16 and 18 April 1984 and damaged the filter growth.

Rifle Range Wastewater Treatment Plant violated the NPDES permit requirement for monthly Biochemical Oxygen Demand (BOD) percent removal average for March 1984. The BOD influent concentrations were extremely low, with a monthly average of 30 mg/l and a maximum value of only 53 mg/l. The BOD effluent average was only 5 mg/l. Therefore, the violation was due to a low influent caused by heavy rains diluting the wastewater and a reduced number of personnel using the area.

Courthouse Bay Wastewater Treatment Plant violated the NPDES permit requirements for monthly BOD percent removal average for March and April 1984 and monthly TSS percent removal average for April 1984. Shock loads of chemicals and oil from oil/water separators continued to flood the plant. On 23 March 1984, the new raw sewage holding basin was put into operation. The basin discharge pumps required adjusting before the basin could reduce the shock loading. The week of 15 April 1984, the influent sampling point was moved to the lift station before the basin, because laboratory results showed BOD and TSS removal occurring in the basin. As the DMR's show the plant came back



into compliance with the BOD and TSS percent removal requirements in May 1984.

Onslow Beach Wastewater Treatment Plant violated the NPDES permit requirement for monthly TSS percent removal average for April 1984. The TSS influent concentrations were low, with a monthly average of 40 mg/l and a maximum value of 100 mg/l. The TSS effluent average was only 7 mg/l. The violation was due to a low influx; a result of few personnel using the area.

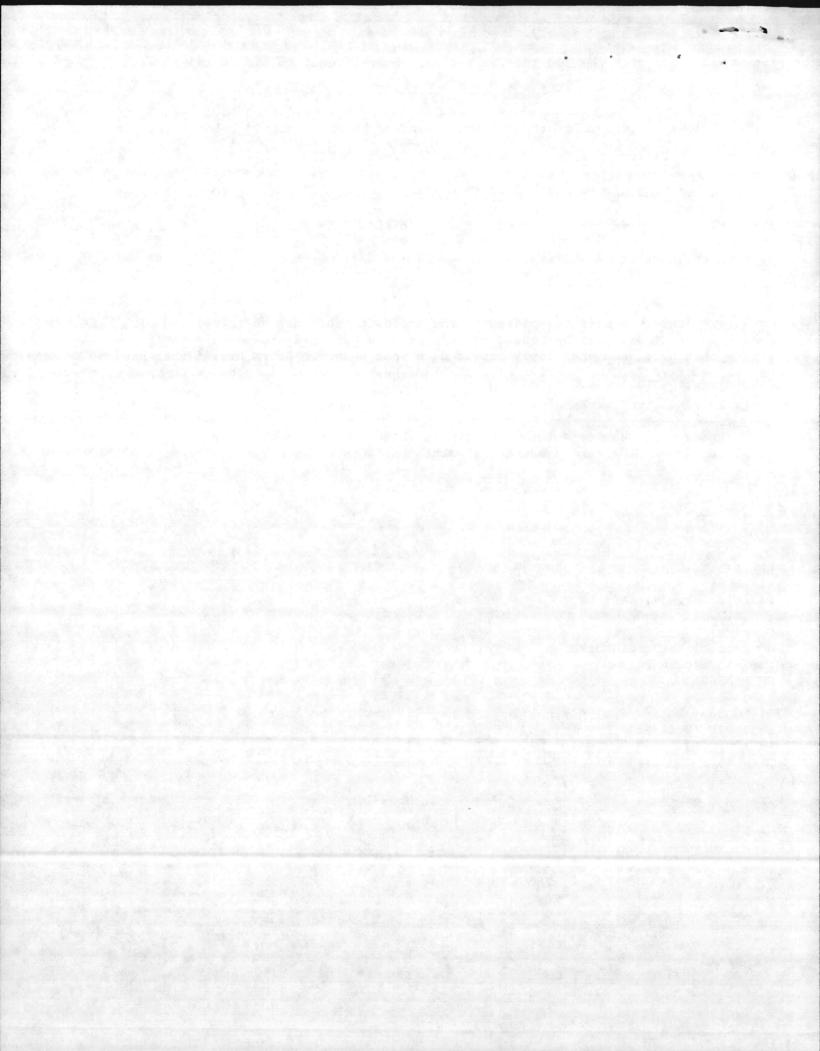
The storm drain violations depicted by the enclosed table may be correlated with base geography and facilities by referring to maps with numbered storm drain monitoring points that have been previously provided to your agency. Storm drains that have mo values reported for the quarter were checked; however, each time they were checked they were either dry or had no flow. The base environmental staff is continuing to work on operational control methodology to reduce oil and grease and suspended solids discharges.

For further pertinent details on any of the above, you may contact Mr. Julian Wootern, Director, Natural Resources and Environmental Affairs Division, at (919) 451-5003/2083.

Encls: (1) DMRs (2) Discharge Violations

Copy to: NC Dept of NatRes&ComDev CMDR NAVFACENGCOM CMDR NEESA

Blind copy to: (w/Encl (2)) BMAINDIV (Util Br) NREAD (QCL)



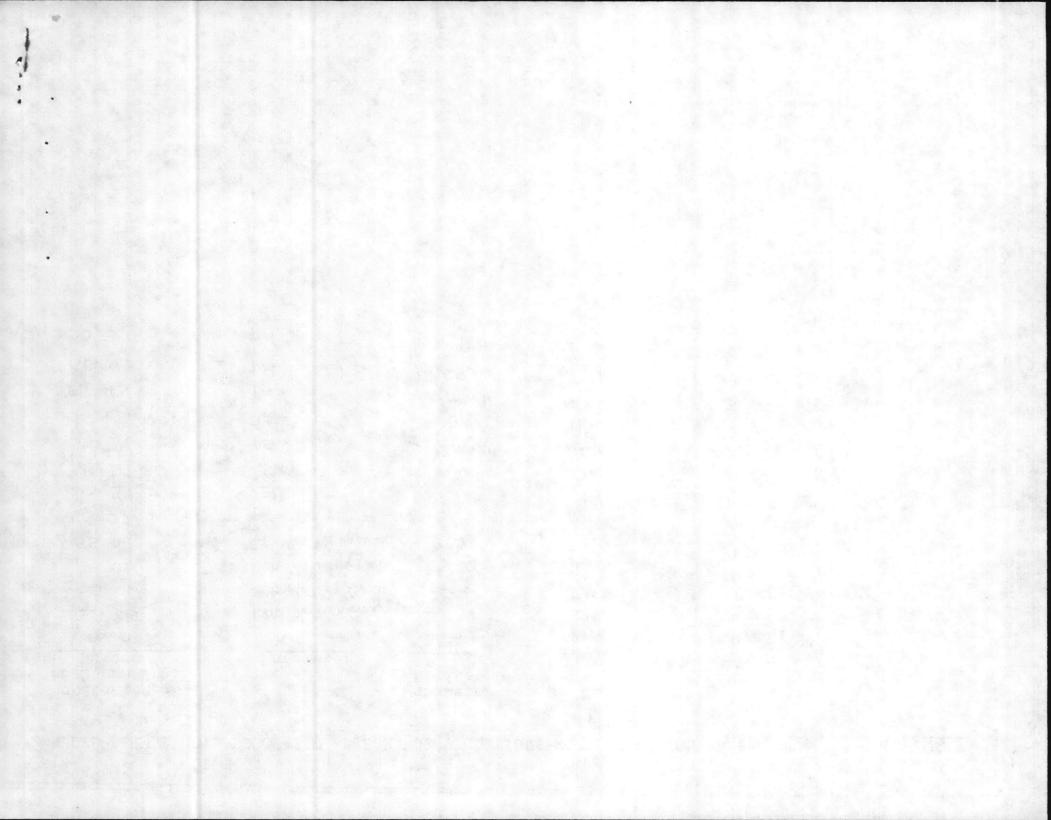
· Mining

and the second of the second second

NPDES PERMET NO. NCO003239 DISCHARGE VIOLATIONS FOR THE PERIOD MARCH, AZEL MAY 1984

.

Monitoring Sta. or Storm Drain Number	Parameter	Parameter Limits	Value	Date
55 03	TSO % REMOVAL	85%	84.8	Mar 1984
55 05	BOD % REMOVAL	85°16	83.3	MAR: 1984
55 06	BOD % REMOVAL	85%	75.8	MAR 1984
55 06	BOD % REMOVAL	85°/8	80.4	APR 1984
55 06	TSS % REMOVAL	85%	73.8	APR 1984
55 07	TSS % REMOVAL	85%	82,5	APR 1984
5D 57	pH	6.0-9.0	9.4	1 MAR: 1984
SD 67	PH	6.0-9.0	5.7	12 MAR 1984
SD 71	TSS	50 mg/1	115.0	12 MAR 1984
	TSS	50 mg/1	419.3	3 APR. 1984
5042	TSS	50 mg/1	154.0	3 APR 1984
SD 43		6.0-9.0	5,9	19 ADR 1984
50 90	PH		5.6	26 APR 1984
5D 30 ·	pH	6.0.9.0	5.0	



BASE MAINTENANCE DIVISION

Marine Corps Base Camp Lejeune, North Carolina 28542

> MAIN/WRP/shk 11345.4 10 May 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, SBA-160

1. The Rifle Range Wastewater Treatment Plant violated the parameter for percent removal of SS for the month of April 1984, parameter being 85% removal. Removal for the month of April was 82.5%.

2. There was extremely low influent solids for the entire month with an average of 40 mg/l and an effluent average of 7 mg/l.

3. We believe that a low influx is the primary reason for the low influent solids.

MAIN/DLS/shk 11345 10 May 1984

FIRST ENDORSEMENT on Utilities Systems General Foreman ltr MAIN/WRP/shk 11345.4 of 10 May 1984

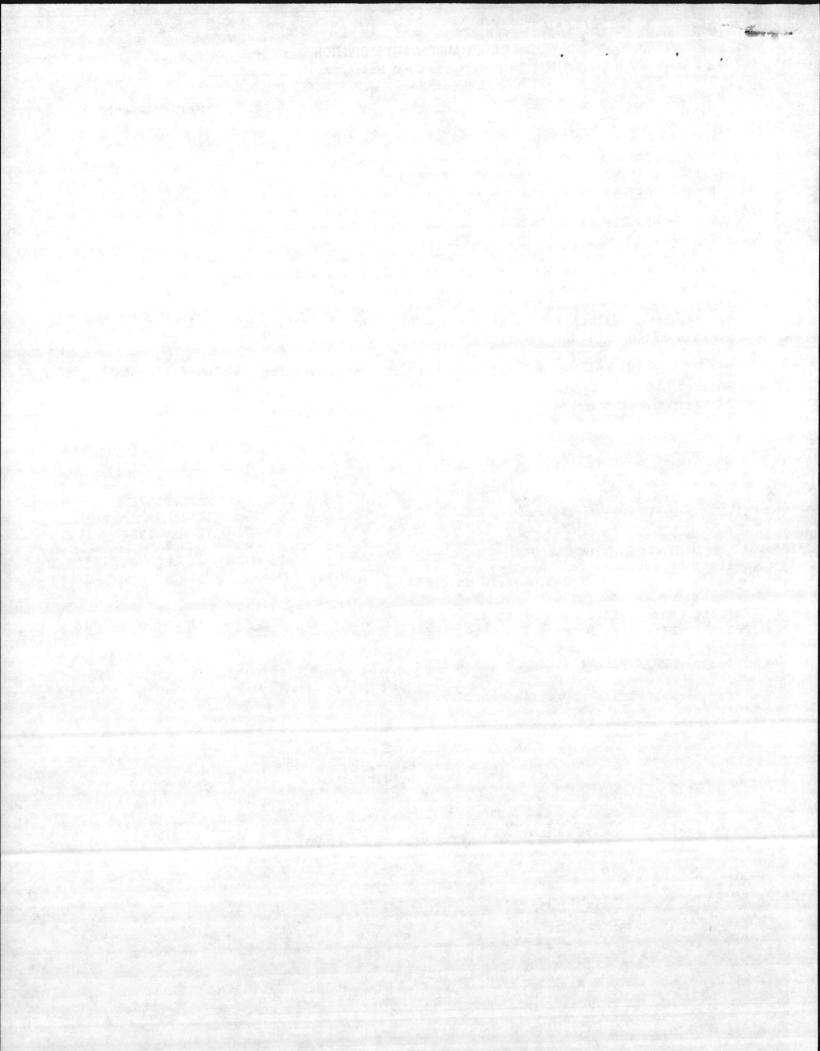
From: Base Maintenance Officer

To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, SBA-160

1. Forwarded for appropriate action.

D. J. Southerland By direction



5-15-55 5-15-55

BASE MAINTENANCE DIVISION

Marine Corps Base Camp Lejeune, North Carolina 28542

> MAIN/WRP/shka 11345.4 10 May 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, SBA-160

1. The Rifle Range Wastewater Treatment Plant violated the parameter for percent removal of SS for the month of April 1984, parameter being 85% removal. Removal for the month of April was 82.5%.

2. There was extremely low influent solids for the entire month with an average of 40 mg/l and an effluent average of 7 mg/l.

3. We believe that a low influx is the primary reason for the low influent solids.

WRANCE W. R. PRICE

MAIN/DLS/shk 11345 10 May 1984

FIRST ENDORSEMENT on Utilities Systems General Foreman ltr MAIN/WRP/shk 11345.4 of 10 May 1984

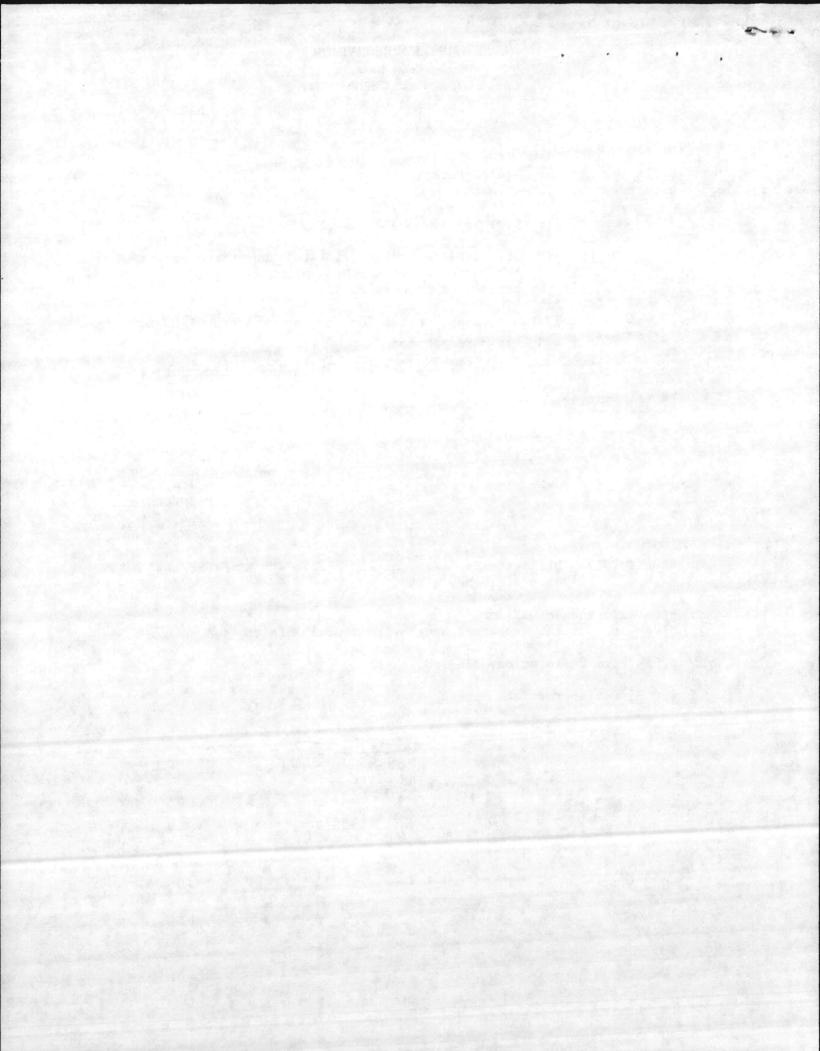
From: Base Maintenance Officer

To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, SBA-160

1. Forwarded for appropriate action.

D. L. Southerland



JU 515.84

BASE MAINTENANCE DIVISION

Marine Corps Base Camp Lejeune, North Carolina 28542

> MAIN/WRP/shk 11345.4 130 May 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, BB-207

1. The Courthouse Bay Wastewater Treatment Plant violated the parameter for percent removal of BOD and SS for the month of April 1984, parameter being 85% removal. Removal for April was 80.4% BOD and 73.8% SS.

2. The new raw sewage holding pond was put into operation on March 23, 1984. The initial adjustment period required more time than expected dume to pond discharge pumps being oversized for present plant capacity. The capacity of the pond discharge pumps is considerably greater than the existing plant capacity. This resulted in the plant being flooded for approximately two hours and then it was off for approximately the same period of time. This allowed the filter growth to dry out and fall off. Also, raw sewage was being diluted in pond due to influent line being submerged in apparoximately two feet of water.

3. A new 250 gallons per minute pump has been ordered to replace one of the existing 500 GPM pumps in pond which will give an even and continuous flow that is compatible with the existing plant capacity. Also, the imfluent sampling point has been relocated to the lift station, Building STBB-1, where a more representative sample can be collected.

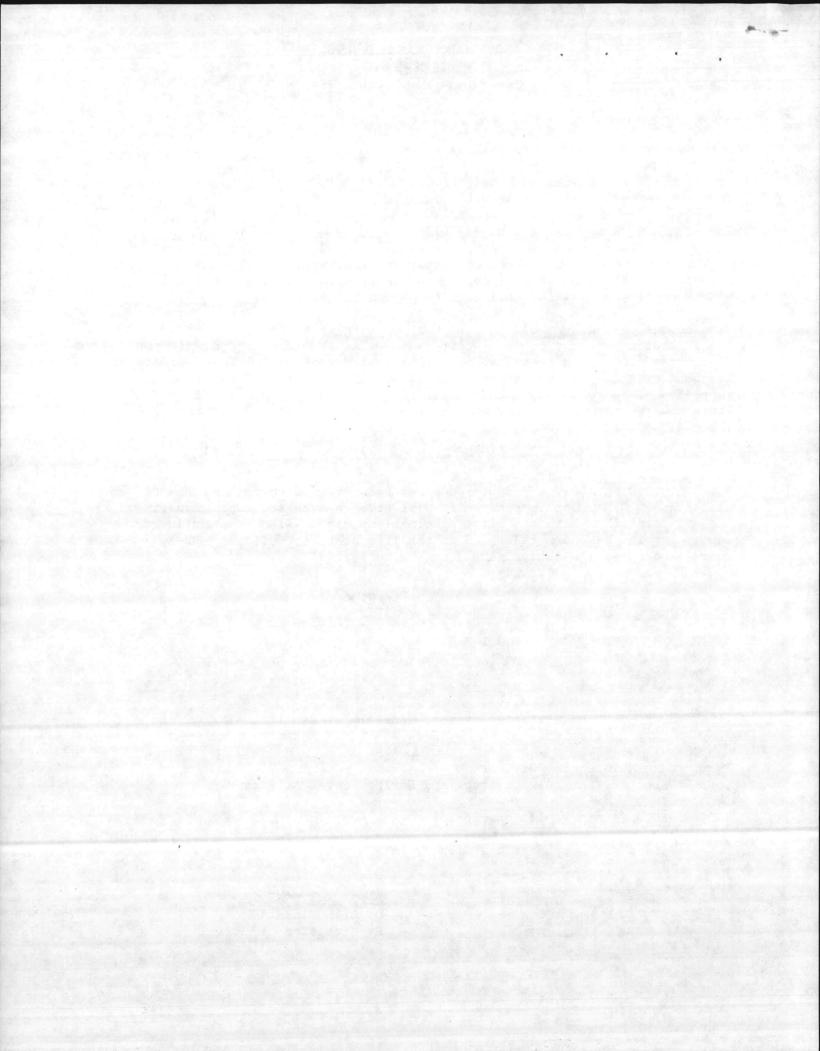
MANIN/DLS/shk INB45 ICO May 1984

FIRST ENDORSEMENT on Utilities Systems General Foreman ltr MAIN/WRP/shk 11345.4 of 10 May 1984

From: Base Maintenance Officer To: Director, Natural Resources and Environmental Affairs

- Subj: NPDES Permit Violation, BB-207
- 1. Forwarded for appropriate action.

D. L. SOUTHERLAN



BASE MAINTENANCE DIVISION Marine Corps Base

Camp Lejeune, North Carolina 28542

MAIN/WRP/shk 11345.4 11 April 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, RR-92

. 87

1. The Rifle Range Wastewater Treatment Plant violated the parameter for per cent removal of BOD for the month of March 1984, parameter being 85% removal. Removal for the month of March was 83.3% BOD.

2. There was an extremely low BOD influent for the entire month with an average of 30 mg/l and an effluent average of 5 mg/l. With a BOD influent this low, we cannot meet the percent removal requirement. However, we are still within the limits of total BOD discharge.

3. It is believed that the low BOD influent was due to heavy rain and very few people on the range.

MAIN/DLS/shk 11345 12 April 1984

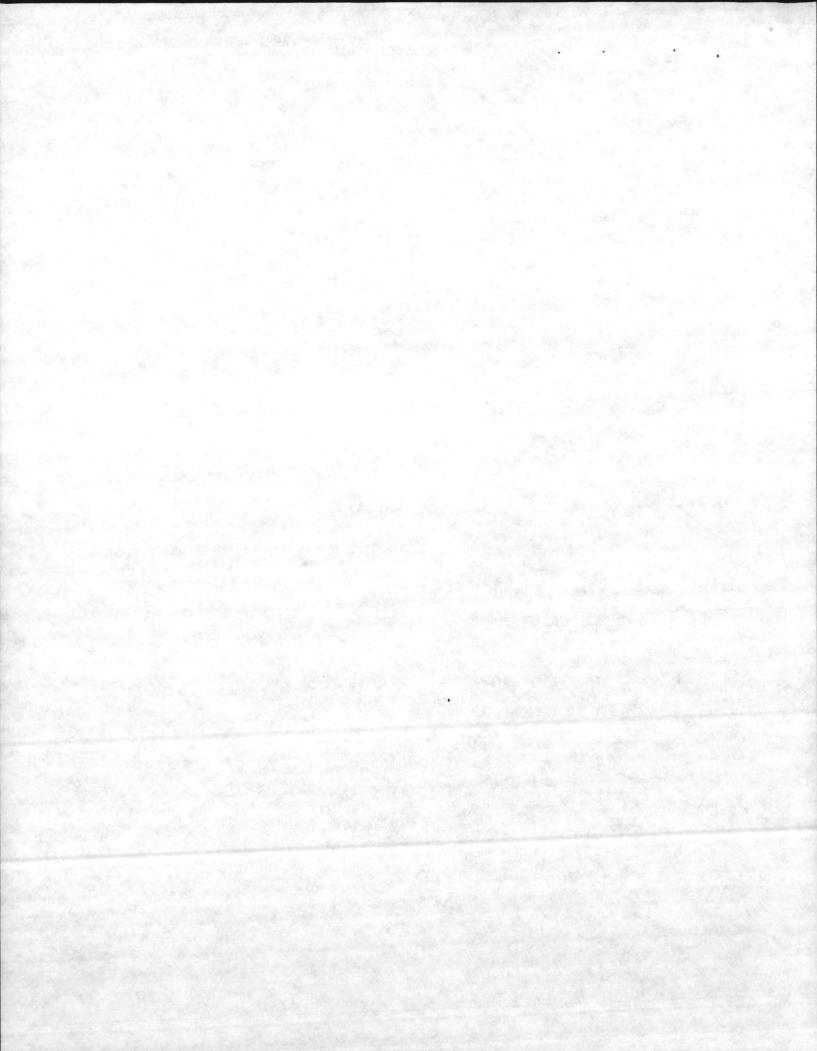
FIRST ENDORSEMENT on Utilities Systems General Foreman ltr MAIN/WRP/shk 11345.4 of 11 April 1984

From: Base Maintenance Officer To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, RR-92

1. Forwarded for appropriate action.

D. L. SOUTHERLAND By direction



BASE MAINTENANCE DIVISION

Marine Corps Base Camp Lejeune, North Carolina 28542

> MAIN/WRP/shk 11345.4 11 April 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, BB-207

J. 2. 84

1. The Courthouse Bay Wastewater Treatment Plant violated the parameter for percent removal of BOD for the month of March 1984, parameter being 85% removal. Removal for March was 75.8% for BOD.

2. Loads of chemicals and oil from oil/water separators continued to flood the plant keeping the filter growth cut down until the 23rd when the raw sewage holding pond was put into operation.

3. The new raw sewage holding pond was put into operation on the 23rd of March. After a short period of adjustment, the shock loads should be eliminated and allow a much smoother operation.

W. R. PRICE

MAIN/DLS/shk

11345 12 April 1984

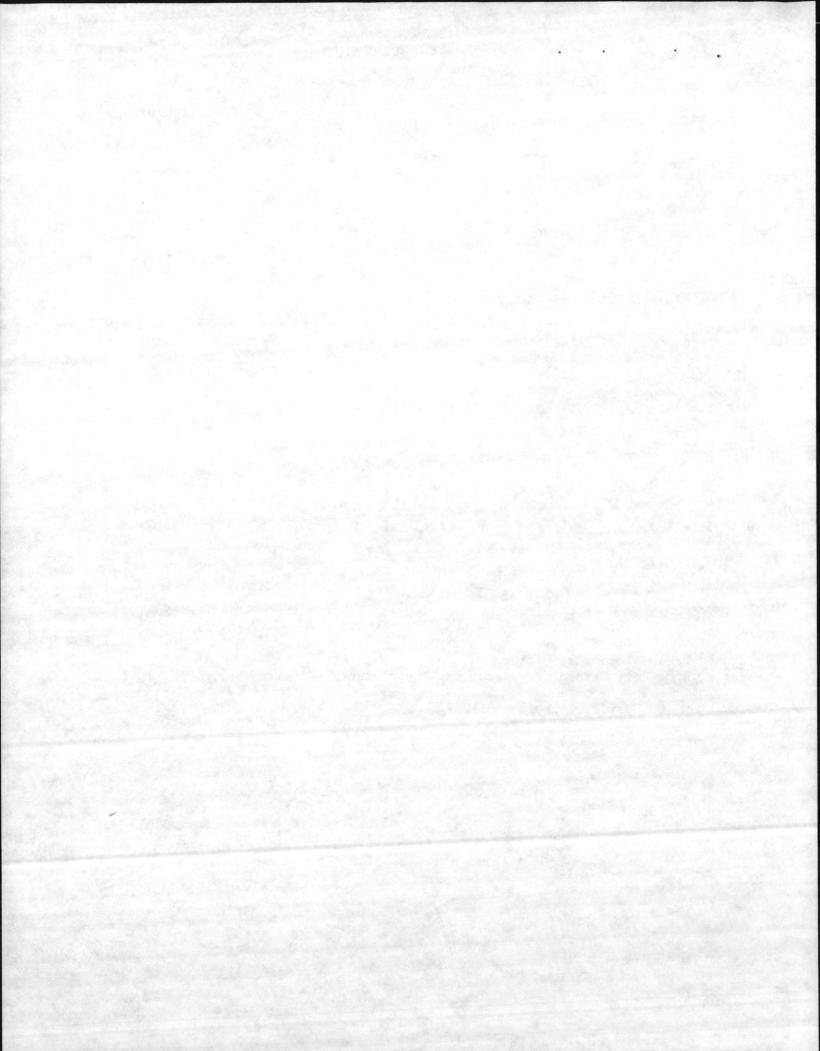
FIRST ENDORSEMENT on Utilities Systems General Foreman ltr MAIN/WRP/shk 11345.4 of 11 April 1984

From: Base Maintenance Officer To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, BB-207

1. Forwarded for appropriate action.

D. L. SOUTHERLAND By direction



BASE MAINTENANCE DIVISION

Marine Corps Base Camp Lejeune, North Carolina 28542

> MAIN/WRP/shk 11345.4 11 April 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, M-136

\$V17

1. The Camp Johnson Wastewater Treatment Plant violated the parameter for per cent removal of suspended solids for the month of March 1984, parameter being 85% removal. Removal for the month of March was 84.8% suspended solids.

2. Shock loads of unidentified chemicals and red water flooded the trickling filter on the 16th and 18th, killing the filter growth which takes approximately two weeks to regain normal efficiency.

3. We have checked all areas of Camp Johnson but have been unable to locate a source or type of chemical that could have caused the destruction of filter growth.

WRAnice W. R. PRICE

MAIN/DLS/shk 11345

12 April 1984

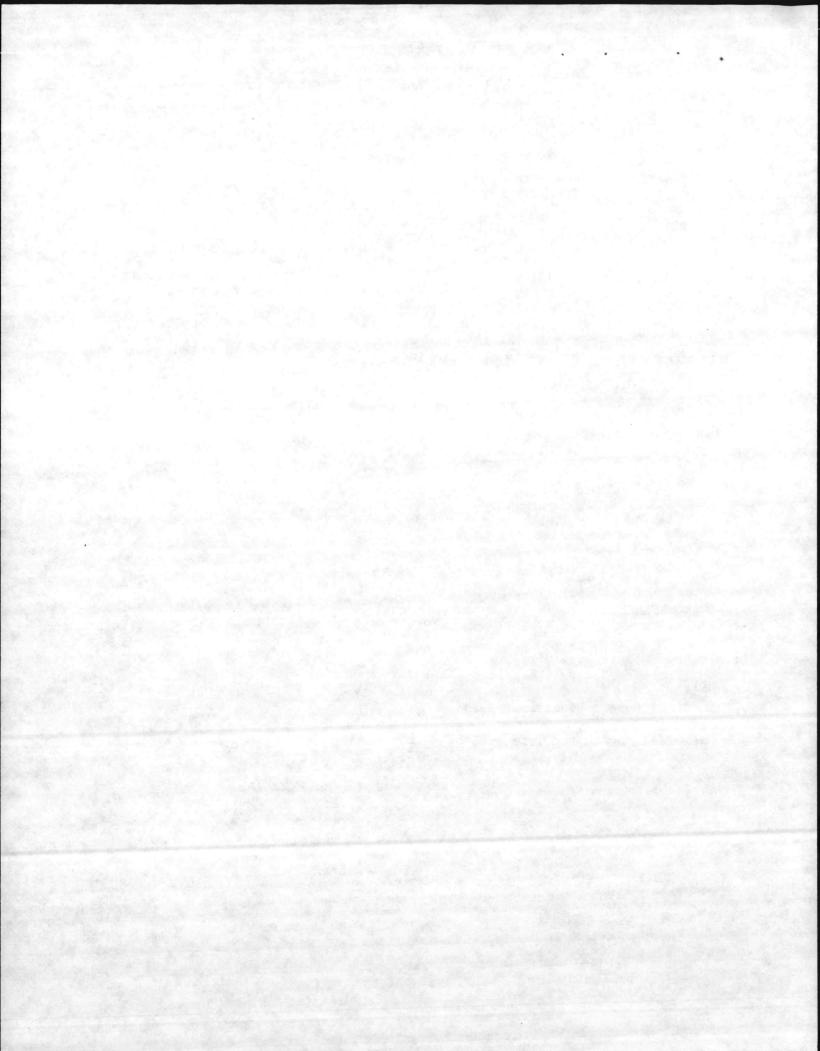
FIRST ENDORSEMENT on Utilities Systems General Foreman ltr MAIN/WRP/shk 11345.4 of 11 April 1984

From: Base Maintenance Officer To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, M-136

1. Forwarded for appropriate action.

D. L.



PLANT: ALL

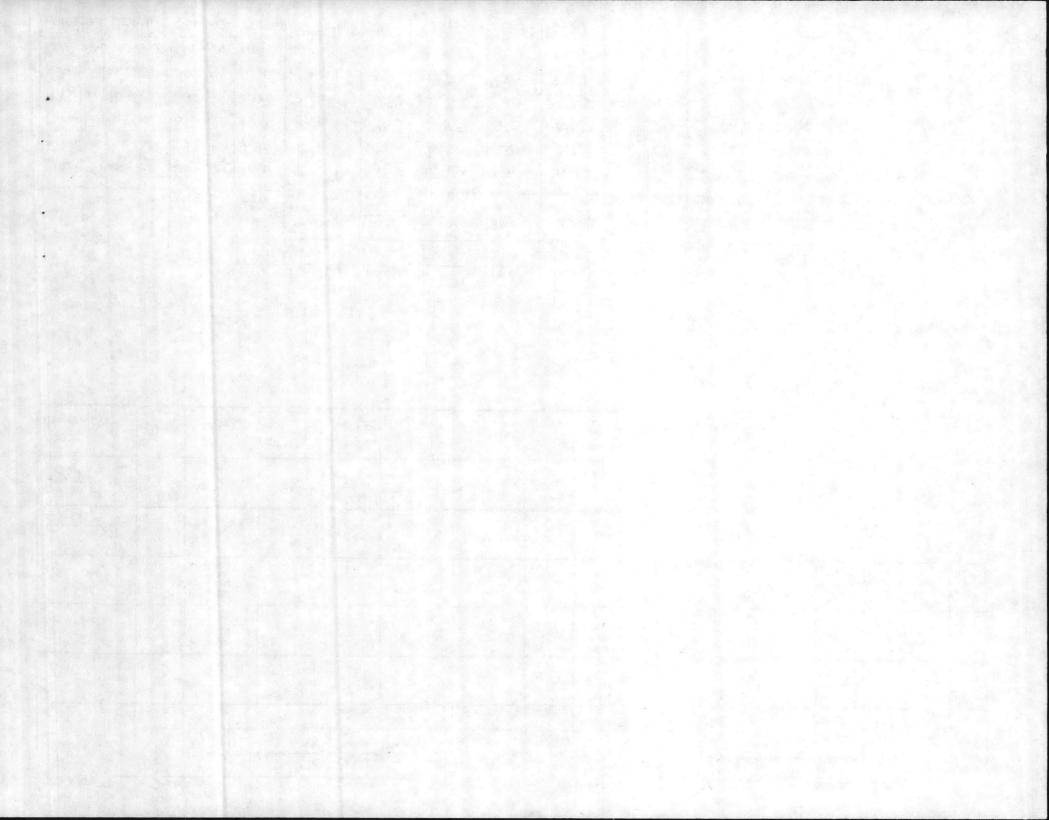
MONTH: MAY YEAR: 1784

WEEK OF:	1	BOD	ENT AVE	RAGE	T55	COLIFORM		
	# SAMPLE		LBS/DAY	# SAMPLE	mg/L	LBSYDAY	# SAMPLE	GEOMETRIC MEAN
1.5								
6-12								
13-19			•					
20-26								in the second se
27-31								Min
MONTHLY								

	DAILY FLOW	BOD mg/L	TSS mg/L	CL2 PPM	PH
AVERAGE					
MAXIMUM					
MINIMUM					

52 52 -GG 1-5 TT 6-10 . 69 CJ 11-15 HP 16-19 RR 20 -23 DUT OR CHB 24-27 69 OB-28-31 OB WITP 32-33 2216 2

	RER	emir	REQUIREMENTS + LIMITS						1	×	ena) z	43-
Peret	SERIAL	FLOW	#JAMPLES		DD + T55 WEEKLY AVERAGES		MONTH AVERAGES		*SAMPLES		FOR M GEOMETRIC MEAN	
. PLANT	DERIAL 世		PER	PER	me/L	LBS/DAY	mc/L	LB5/	PER	PER	WEEKLY	MONTHLY
CAMP GEIGER	5501/11	1.60	2	8	45	600.8	30	400.6	2	8	#00(F)	200 (F)
TARAWA TERRACE	5502/13	1.25	2	8	45	469.4	30	312.9	2	8	400 (F)	200(F)
CAMP JOHNSON	5503/13	1.00	2	8	45	375,5	30	250.3	2	8	400(F)	200(F)
HADNOT POINT	5504/14	8.00	5	20	45	3004.2	30	2002.8	3	12	Self Ser Sec.	70(T)
RIFLE RANGE	5505/15	Links and the state	1	4	45	197.1	30	131.4	1	4		70(T)
COURTHOUSE BAY	5506/16	and the state of the		4	45	195.1	30	131.4	1	4		70(T)
	5507/17	0.200	i	4	45	15.1	30	50,1	11	4	1	$7\alpha(T)$



PL	•	~	т
1 1	3	N	1

	1
AONTH	APRIC

YEAR:___

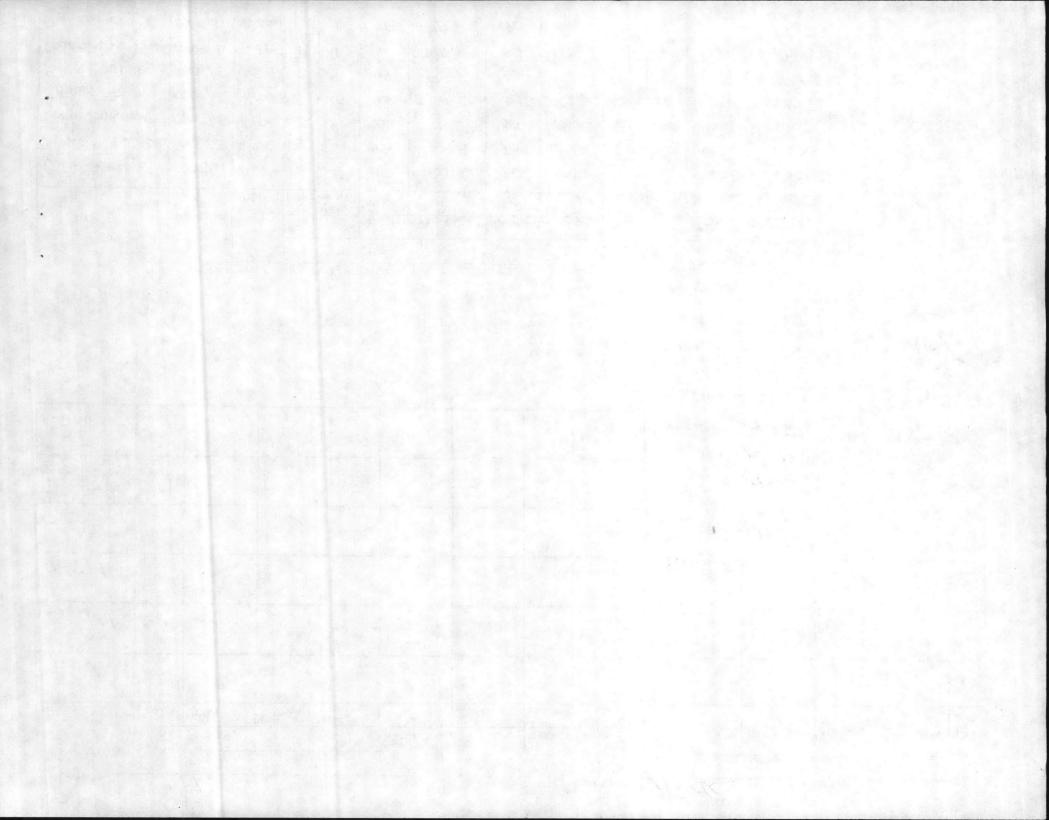
	1		ENT AVE		2 T55		COLIFORM		
	# SAMPLE	BOD # BOD SAMPLE MO/L LBS/DAY			mGL	LBSYDAY	# GEOMETRIC		
WEEK OF :	SAMPLE	mor	TDAY	SAMPLE	1	PAY	SAMPLE	MEAN	
1-7									
		1		1					
8-14									
15-71						. Altering			
			No. and	The second					
22-28				-			1		
HP ONLY 29.30	1			- Vite			- nesser		
29:30		N	A BOAR	-	Sec. 1			1 12 1	
								and the	
MONTHLY		1. 19		a will			1		

	DAILY FLOW GPD	BOD mg/L	TSS mg/L	Ciz PPm	рН
AVERAGE			1.00		
Maximum					
MINIMUM					1

CG 1-4 TI - 5-8 CJ - 9-12 HP-13-16 RR-14-20 CHB - 21 - 24 O.B. - 25-28 OB WTP 29-30 1200 31-39



	RER	zmit	REC	DUIRE	EMEN	TS + LIN	nits				0-90 50 - 31	
1				BOD + TSS				1.2.3		FORM		
. PLANT	SERIAL	FLOW	#SAM	PLES	WEEKLY	AVERAGES	MONTH	AVERAGES	#SAMP	LES	GEOMETRI	MEAN
	#		PER	MONTH	me/L		mc/L	LBS	PER	MONTH	WEEKLY	MONTHLY
CAMP GEIGER	5501/11	1.60	2	8	45	400.8	30	400.6	2	8	\$00(F)	200 (F)
TARAWA TERRACE	And the second second		2	8	45	469.4	30	312.9	2	8	400 (F)	200(F)
CAMP JOHNSON	5503/13		2	8	45	375,5	30	250.3	2	8	400(F)	200(F)
HADNOT POINT	5504/14	1.2.1681.2271	5	20	45	3004.2	30	2002.8	3	12		.70(T)
RIFLE RANGE	5505/15	1. Sty 193.	1	4	45	197.1	30	131.4	1	4	-	70(T)
COURTHOUSE BAY	5506/16		1.000	4	45	195.1	30	131.4	1	4		70(T)
ONSLOW BEACH	5507/17		1	4	45	15.1	30	50,1	l i	4	l	1 7a(T)



PLANT: Au

MONTH: MARCH YEAR: 1987

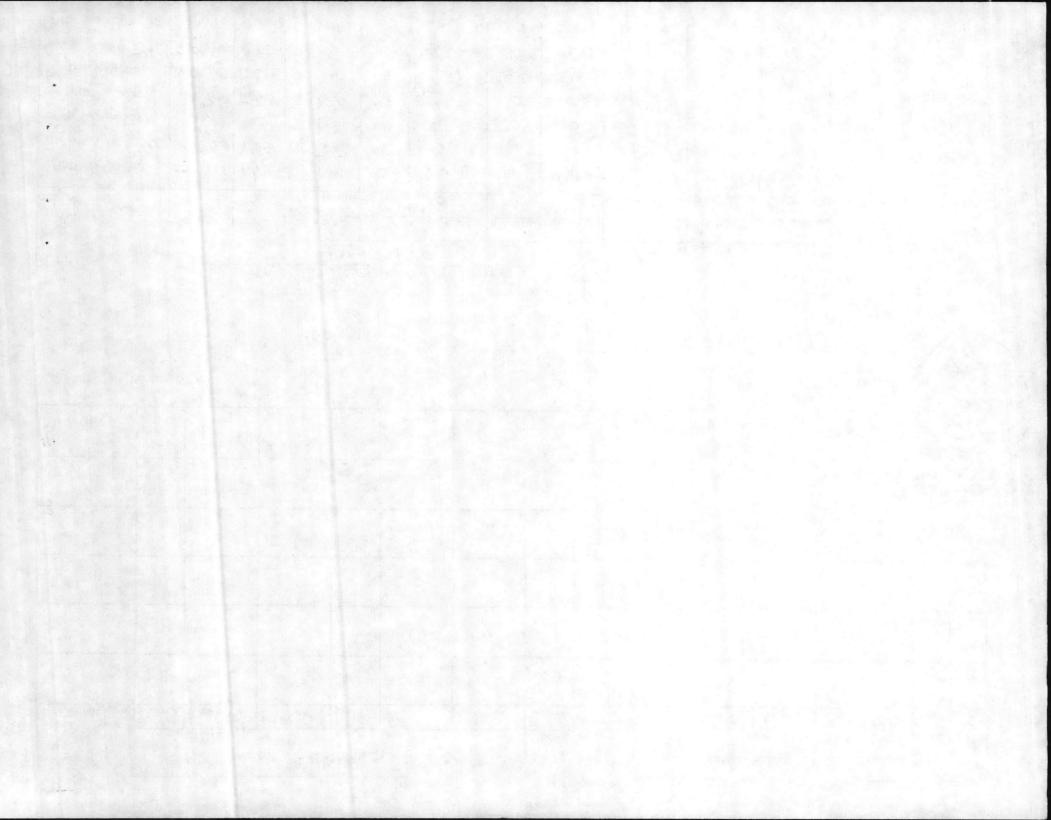
1							
	BOD				COLIFORM		
# SAMPLE	ma/L	LBS/DAY	# SAMPLE	mG/L	LBS/DAY	SAMPLE	GEOMETRIC MEAN
					S Lat gas	A States	
•					A BAR STA		
		1-1-1-1					1000
12.11					10 1994 ···		
	Sec. 1			1.46	Sale Sales		
			and the second	Constanting of	a · Arth		a parti a .
	<u>`</u>						
	# SampLE	BOD	BOD	BOD		BOD TSS	BOD TSS COLIF

	DAILY FLOW	BOD ^{mg} /L	TSS mg/L	CL2 PPM	рН
AVERAGE					
Maximum					
MINIMUM					

CG- 1-5 TI-6-10 SD 43 CJ-11-15 HP-16-19 RR - 20 - 23 QHB - 24 - 27 OB- 28-31 OBUTP 32-33 22.)

OUT OF

	REA	emit	REC	JUIRE	EMEN	TS + LIN	NITS				PARN 3	4-42	
			BOD + T55							COLIFORM			
PLANT	SERIAL	FLOW	#SAM	PIES	WEEKLY	AVERAGES	MONTH .	AVERAGES	#SAMP	LES	GEOMETRI	C MEAN	
ILAN I	#		PER	PEE MONTH	me/L	LBS/DAY	mc/L	LBS	PER	MONTH	WEEKLY	MONTHLY	
CAMP GEIGER	5501/11	1.60	2	8	45	400.8	30	400.6	2	8	\$00(F)	200 (F)	
TARAWA TERRACE			2	8	45	469.4	30	312.9	2	8	400 (F)	200(F)	
CAMP JOHNSON	5503/13	The second s	2	8	45	375,5	30	250.3	2	8	400(F)	200(F)	
HADNOT POINT	5504/14	8.00	5	20	45	3004.2	30	2002.8	3	12		70(T)	
RIFLE RANGE	5505/15	0.525	1	4	45	197.1	30	131.4	1	4		70(7)	
COURTHOUSE BAY	5506/16	0.525	1	4	45	195.1	30	131.4	1	4		70(T)	
ONSLOW BEACH	5507/17	0.200	i	4	45	75.1	30	50,1	11	14	I. San	1 7a(T)	

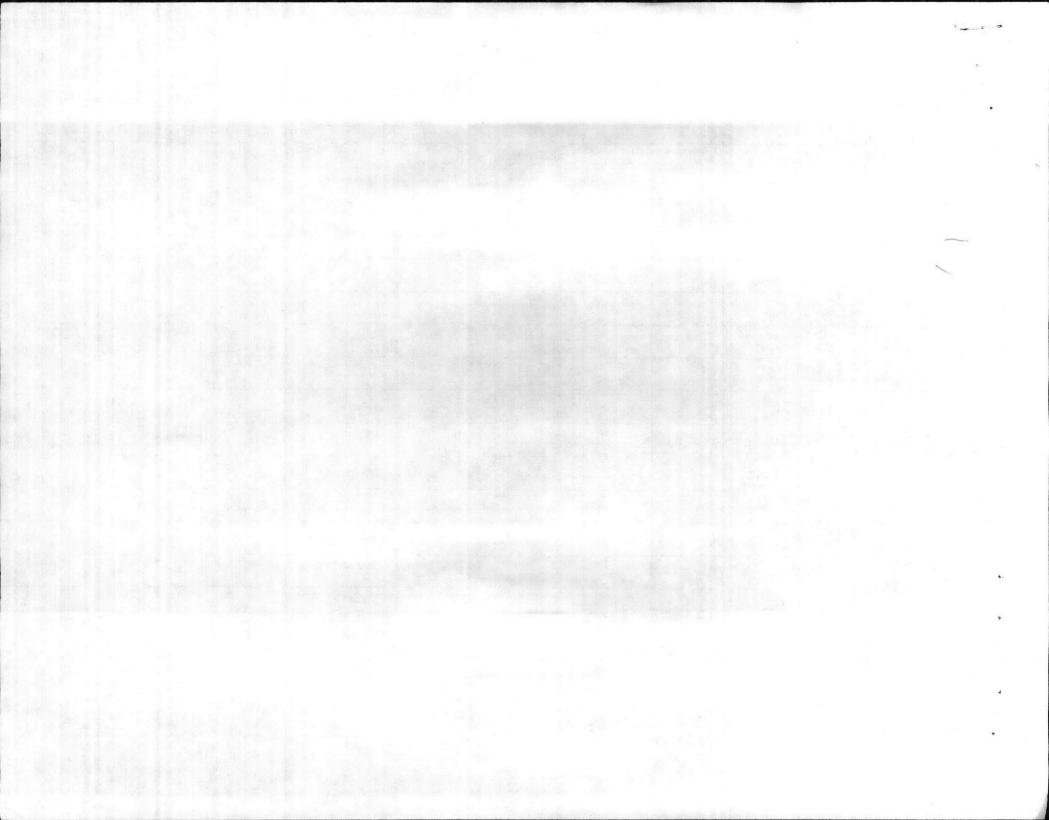


00403 pH Laboratory SAMPLE MEASUREMENT SAMPLE MEASUREMENT 8.4 00403 pH Laboratory PERMIT REQUIREMENT 6.0 10.0 00403 pH Laboratory MAR 84 PERMIT REQUIREMENT 6.0 10.0 00403 pH Laboratory MEASUREMENT 6.0 10.0 W= 3 AFR 84 REQUIREMENT 6.0 10.0 00403 pH Laboratory SAMPLE MEASUREMENT 6.0 10.0 W= // APR 84 PERMIT REQUIREMENT 6.0 10.0 00403 SAMPLE 6.0 10.0	efore completing this NO. FREQUEN EX ANALYSI	s form.
EAGLETY UIC-67001 MONITORING PERIOD LOCATION LANTDIV FROM MO DAY TO MO DAY TO MO DAY NOTE: Read instructions before of (8-10) PARAMETER (3237) QUANTITY OR LOADING (4 Card Only) QUALITY OR CONCENTRATION (34-10)	EX ANALYSI	SAMPLE
PARAMETER UI C-67001 LOCATION LANTDIV PARAMETER (3 Card Only) (32.37) (3 Card Only) QUA03 SAMPLE W= /3 NAR 84 PERMIT 6.0 00403 pH Laboratory W= SAMPLE Measurement 00403 pH Laboratory W= SAMPLE Measurement 00403 pH Laboratory W= SAMPLE Measurement PERMIT Requirement 00403 pH Laboratory W= Maximum Massurement PH Laboratory W= Massurement PH Laboratory W= Massurement PH Laboratory W= Massurement PH Laboratory Measurement PH Laboratory Massurement PH Laboratory Massurement PH Laboratory Massurement PH Laboratory Massurement PH Laboratory PH Laboratory PH Laboratory	EX ANALYSI	SAMPLE
PARAMETER (J Cord Only) QUANTITY OR LOADING (4 Cord Only) QUALITY OR CONCENTRATION (3845) (J Cord Only) QUANTITY OR LOADING (4 Cord Only) QUALITY OR CONCENTRATION (3845) 00403 SAMPLE MAXIMUM UNITS MINIMUM AVERAGE MAXIMUM UNITS 00403 SAMPLE PERNIT PERNIT O.O. B. 4 Internation (3441) 00403 PH Laboratory PERMIT REQUIREMENT PERMIT REQUIREMENT O.O. 10.0 W= SAMPLE MEASUREMENT SAMPLE MEASUREMENT B. 7 O.O. 10.0 W= SAMPLE MEASUREMENT SAMPLE MEASUREMENT B. 5 International Measurement S. 7 W= SAMPLE MEASUREMENT SAMPLE MEASUREMENT S. 7 International Measurement S. 5 International Measurement W= ID APRASY PERMIT REQUIREMENT S. 5 International Measurement S. 5 International Measurement S. 5 International Measurement W= ID APRASY PERMIT REQUIREMENT S. 5 International Measurement S. 5 Internatin Measurement S. 5 Internatin Measu	EX ANALYSI	SAMPLE
Oddol MALMON Onion Malmon Malmon Malmon 00403 pH Laboratory MALMON Malmon Malmon Malmon Malmon W= /3 NAR 84 PERMIT Requirement PERMIT 6.0 10.0 00403 Malmon Malmon 8.4 pH Laboratory Malmon 6.0 10.0 W= 3 AFR 84 Requirement 6.0 10.0 00403 SAMPLE Measurement 8.5 10.0 pH Laboratory Masurement 6.0 10.0 00403 PERMIT Requirement 8.5 10.0 W= /0 APR84 Requirement 6.0 10.0 00403 SAMPLE Measurement 8.4 10.0 pH Laboratory Measurement 8.4 10.0	ITE	
pH Laboratory MEASUREMENT 8.7 W= /3 NAR 84 REQUIREMENT 6.0 10.0 00403 SAMPLE 8.7 10.0 pH Laboratory MEASUREMENT 6.0 10.0 W= 3 AFR 84 REQUIREMENT 6.0 10.0 00403 PERMIT REQUIREMENT 6.0 10.0 00403 PERMIT REQUIREMENT 6.0 10.0 W= /U APR 84 REQUIREMENT 8.5 W= /U APR 84 REQUIREMENT 6.0 10.0 00403 SAMPLE MEASUREMENT 6.0 10.0 W= /U APR 84 REQUIREMENT 6.0 10.0 00403 SAMPLE MEASUREMENT 6.0 10.0 00403 SAMPLE MEASUREMENT 8.4 10.0	(0.00)	
00403 pH Laboratory SAMPLE MEASUREMENT MEASUREMENT 8.7 W= 3 AFR 84/ PERMIT REQUIREMENT 6.0 10.0 00403 pH Laboratory SAMPLE MEASUREMENT 6.0 10.0 W= // APR 84/ PERMIT REQUIREMENT 6.0 10.0 W= // APR 84/ PERMIT REQUIREMENT 6.0 10.0 00403 pH Laboratory SAMPLE MEASUREMENT 6.0 10.0 00403 pH Laboratory SAMPLE MEASUREMENT 8.4 10.0	00 01/07	Grab
O0403 pH Laboratory SAMPLE MEASUREMENT Measurement 8.7 W= 3 APPL 84/ PERMIT Requirement 6.0 10.0 00403 pH Laboratory SAMPLE MEASUREMENT 6.0 10.0 W= // APR 84/ PERMIT Requirement 6.0 10.0 W= // APR 84/ PERMIT Requirement 6.0 10.0 00403 pH Laboratory SAMPLE MEASUREMENT 6.0 10.0 00403 pH Laboratory SAMPLE MEASUREMENT 8.4 10.0	01/07	Grab
W= 3 AFK 84 REQUIREMENT 6.0 10.0 00403 MEASUREMENT 8.5 10.0 W= /// APR 84 PERMIT 8.5 10.0 W= // APR 84 PERMIT 6.0 10.0 00403 PERMIT 6.0 10.0 W= // APR 84 9.5 10.0 00403 PERMIT 6.0 10.0 00403 PERMIT 8.4 10.0	00 01/07	Grab
pH Laboratory MEASUREMENT 8.5 W= /U APR84 PERMIT REQUIREMENT 6.0 10.0 00403 pH Laboratory SAMPLE MEASUREMENT 8.4 10.0	01/07	Grab
W= /0 APR84 PERMIT REQUIREMENT 6.0 10.0 00403 pH Laboratory SAMPLE MEASUREMENT 6.0 10.0	00 01/07	Grab
pH Laboratory	01/07	Grab
	00 01/07	Grab
	01/07	Grab
00403 pH Laboratory SAMPLE 1 8,5	00 01/07	Grab
W= 24 APR 24 PERMIT REQUIREMENT 6.0 10.0	01/07	Grab
SAMPLE MEASUREMENT 813		
1 MA 84 PERMIT REQUIREMENT		
SAMPLE MEASUREMENT 8.5.		
20 MAR REQUIREMENT		
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN: AND BASED	HONE D	ATE
ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE, I AM AWARE THAT THERE ARE SIG		1
NIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION. INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. \$ 1001 AND 33 U.S.C. \$ 1319. (Penalties under these statutes may include fines up to \$10,000 AREA NUMBER	NUMBER YEAR	MO DAY
TYPED OR PRINTED and or maximum imprisonment of activers a maximum imprisonment of activers a maximum imprisonment of activers a maximum imprisonment of activers and a year. OFFICER OR AUTHORIZED AGENT CODE NOME COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)		

• • • :

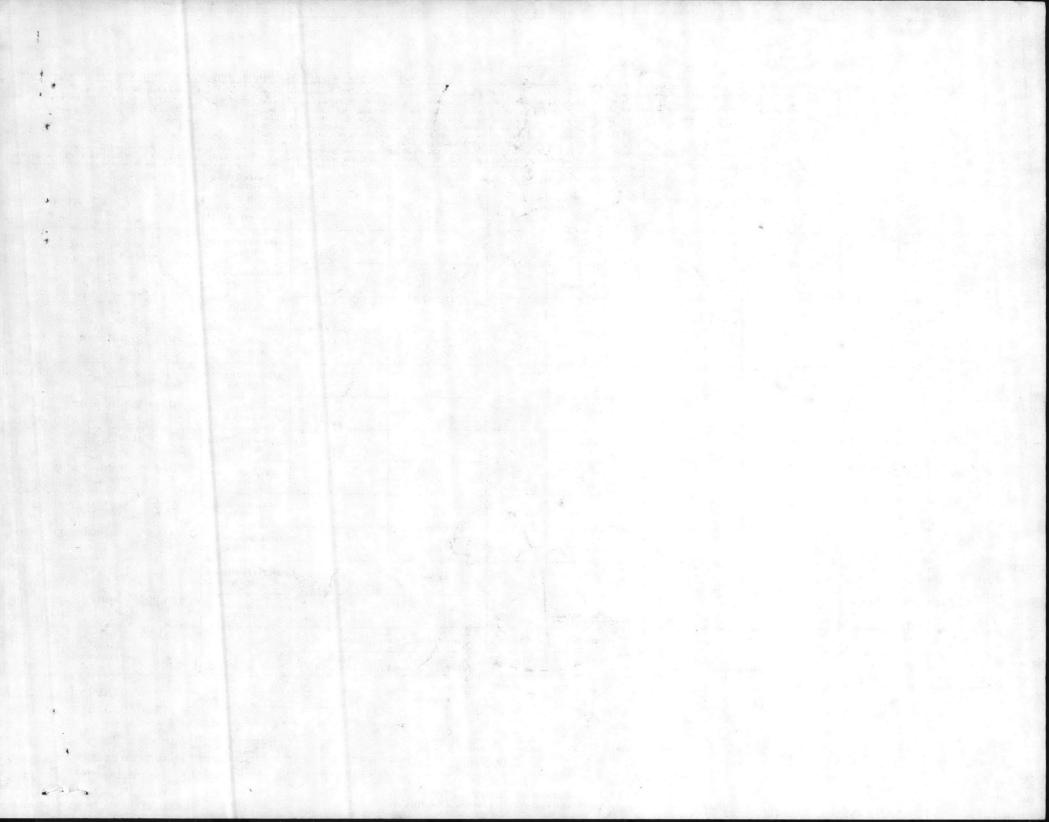
.

.



PERMITTEE NAME/ADDRESS (Include Facility Name/Logation if different) NAME Commanding_Genesal			DISCHAR		ARGE ELIMINATION		ES)			Form App OMB No. 1	2000-0015	
<u>NAME</u> Commanding_Ge <u>ADDRESS</u> Marine_Corps_ Camp_Lejeune,	Base		NC00032390				Onslow Beach W	Vater Tre	ter Treatment Plant			
damp				· · · · · ·	•			·				
FACILITY UIC 67001			FROM					structions before completing this form/				
PARAMETER (32-37)		(3 Card Only) QUA (46-53)	ANTITY OR LOADING (54-61) .			QUALITY OR CO (46-53)			NO.	FREQUENCY	SAMPLE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	ANALY515 (64-68)	(69.70)	
00530 Total Suspended Solids	SAMPLE MEASUREMENT					2.0	2.5	mg/1	00	01/07	8 нс	
W= 13MAR84	PERMIT					30	50			01/07	Comp	
00530 Total Suspended Solids	SAMPLE MEASUREMENT					20.0		mg/1	00	01/07	8 HC	
W= . 310PR 84	PERMIT					30	50			01/07	Comp.,	
00530 Total Suspended Solids	SAMPLE MEASUREMENT			Salar a		2.0		mg/1	00	01/07	8 HC	
W= 10 APE 84	PERMIT					30	50			01/07	Comp	
00530 Total Suspended Solids	SAMPLE MEASUREMENT	Sec. 19				14		mg/1	00	01/07	8 HC	
W= 17 Apr 84	PERMIT					30	50			01/07 ·	Comp	
00530 Total Suspended Solids	SAMPLE MEASUREMENT		2	· .		8.4		mg/1	00	01/07	8 HC	
W= 24 APR 84	PERMIT			1		30	50			01/07	Comp	
	SAMPLE MEASUREMENT			·		1.7						
1. MA-184	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT			0				_				
	PERMIT											
NAME/TITLE PRINCIPAL EXECUTIV	AND AN ON MY OBTAINI IS TRUE NIFICAN THE PO 33 U SC	A FAMILIAR WITH THE INQUIRY OF THOSE NG THE INFORMATION C. ACCURATE AND CO T PENALTIES FOR S SSIBILITY OF FINE AN \$1319, (Penaltics und	DE LAW THAT I HAVE INFORMATION SUBMITI INDIVIDUALS IMMEDIAT N. I BELIEVE THE SI UDMITTING FALSE IN D IMPRISONMENT. SEE IF there atolutes may i f between 6 months and 5	ED HEREIN, AN TELY RESPONS UBMITTED INFO THAT THERE FORMATION, III 18 U.S.C. I Include fines up	ID BASED IBLE FOR DRMATION ARE SIG NCLUDING 1001 AND 10 \$10,000 SIGNAT	URE OF PRINCI	15				TE	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



NREAD/DDS/th 6280/2 2 8 MAR 1984

Regional Administrator Environmental Protection Agency Region IV, Water Enforcement Branch 345 Courtland Street Atlanta, Georgia 30309

Dear Sir:

In accordance with requirements of National Pollutant Discharge Elimination System (NPDES) permit number NC0003239, Discharge Monitoring Reports (DMR's) for the period December 1983, January and February 1984 are submitted.

Courthouse Bay Sewage Treatment Plant violated the NPDES permit requirements for monthly Biochemical Oxygen Demand (BOD) and Total Suspended Solids (TSS) percent removal average for January and February 1984. Heavy influx from rain and chemicals from oil/water separators flooded the plant, damaging filter growth and allowing insufficient detention time. A newly constructed raw sewage basin has been completed and should be in full operation within a month. The new basin should allow sufficient detention time and eliminate shock loading.

Hadnot Point Sewage Treatment Plant violated the NPDES permit requirements for monthly BOD percent removal average for February 1984. During the construction and tie in of a new chlorine contact chamber at Hadnot Point, the contractor frequently backed up the flow causing a reduction in the BOD percent removal. The contact chamber should be finished within a month.

Rifle Range Sewage Treatment Plant violated the NPDES permit requirements for monthly BOD percent removal average for February 1984. The BOD influent concentrations were extremely low, with a monthly average of 32 mg/l and a maximum value of only 52 mg/l. The BOD effluent average was only 5 mg/l. Therefore, the violation was due to a low influent caused by heavy rains diluting the wastewater and a reduced number of personnel using the area.

The storm drain violations depicted by the enclosed table may be correlated with base geography and facilities by referring to maps with numbered storm drain monitoring points that have been previously provided to your agency. Storm drains that have no values reported for the quarter were checked; however, each time they were checked they were either dry or had no flow. The base environmental staff is continuing to work on operational control methodology to reduce oil and grease and suspended solids discharges. Re Herri

Star group 14 Call & Rank & Long Control and applies of the second second second Sector States 1. Brenn & Jr. A. C. S. Star Marine 1 Januar Photos

1 day Mar

The second second state and state and second second states in the

and a list of the second state of the second s The second second second second

NREAD/DDS/th 6280/2

For further pertinent details on any of the above, you may contact Mr. Julian Wooten, Director, Natural Resources and Environmental Affairs Division, at (919) 451-5003/2083.

Sincerely,

M. G. LILLEY Colenel, U. S. Marine Corps Assistant Chief of Staff, Facilities By direction of the Commanding General

Encls: (1) DMRs (2) Discharge Violations

Copy to: NC Dept of NatRes&ComDev CMDR NAVFACENGCOM CMDR NEESA

Blind copy to: BMAINDIV (Util Br) NREAD (QCL)

Pay should have be

At Lice A CONTRACT OF A CONTRACT OF

Contract (Second Second Se

the difference in and a second an and

THE CONTRACTOR

A Roy and 15 States and the

Mary Mr. Phys. Carl States

an and the Ar and a stand and a stand and a stand and a stand a stand

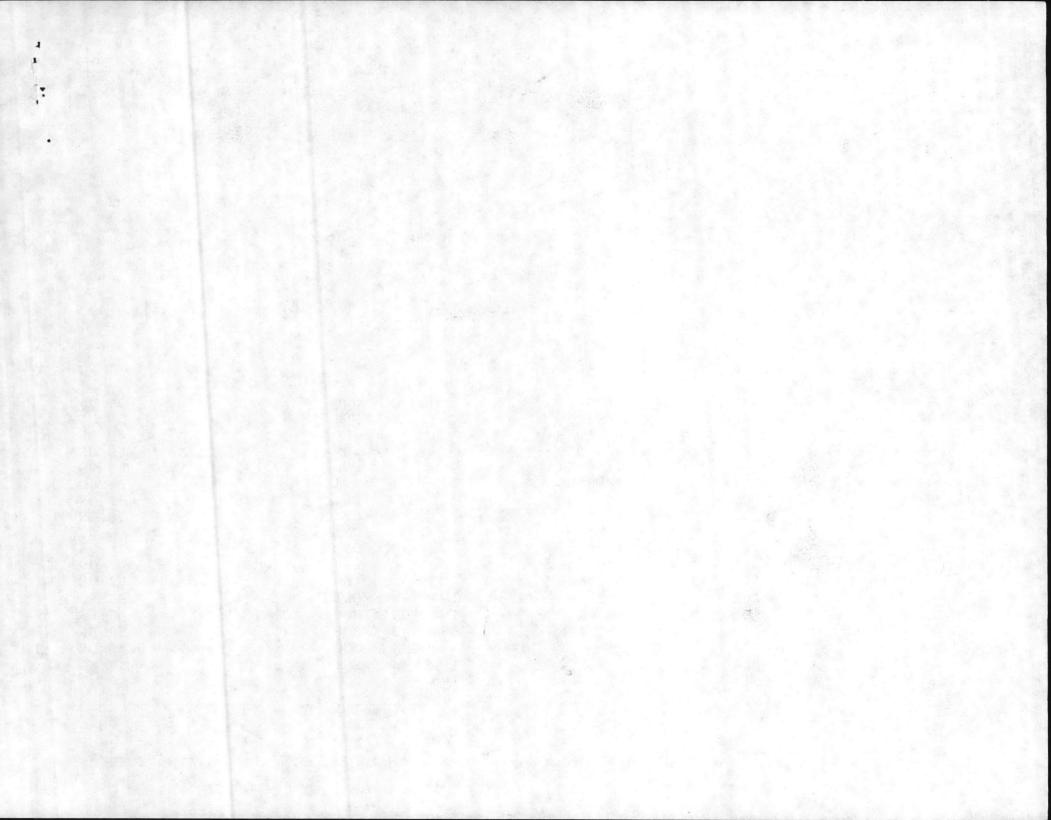
and the second S. Maria Same

1. N. 20 8 11 8 EFT SAME STATES

The Marine States

NPDES PERMIT NO. NC0003239 DISCHARGE VIOLATIONS FOR THE PERIOD: Dec 1983, Jan and Feb 1984

Monitoring Station		Parameter		
or Storm Drain No.	Parameter	Limits	Value	Date
SS 06		O E e/	01.0%	7 1004
	BOD % Removal	85%	81.9%	Jan 1984
SS 06	TSS % Removal	85%	82.2%	Jan 1984
SS 04	BOD % Removal	85%	83.9%	Feb 1984
SS 05	BOD % Removal	85%	84.4%	Feb 1984
SS 06	BOD % Removal	85%	73.3%	Feb 1984
SS 06	TSS % Removal	85%	80.4%	Feb 1984
SD 30	рН	6.0-9.0	5.7	14 Dec 1984
SD 40	TSS	50 mg/l	50.4	14 Dec 1984
SD 40	O&G	15 mg/1	54	14 Dec 1984
SD 57	TSS	50 mg/l	70.8	20 Dec 1984
SD 63	TSS	50 mg/1	96.0	21 Dec 1984
SD 62	TSS	50 mg/1	57.0	29 Dec 1984
SD 42	TSS	50 mg/l	119.6	27 Feb 1984
SD 63	O&G	15 mg/1	59	29 Feb 1984
SD 63	pH	6.0-9.0	5.7	29 Feb 1984
SD 64	pH	6.0-9.0	5.8	29 Feb 1984
SD 80	TSS	50 mg/1	233	29 Feb 1984
SD 80	O&G	15 mg/1	680	29 Feb 1984



MAIN/WRP/shk 11345.4 12 March 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, RR-92

1. The Rifle Range Wastewater Plant violated the parameters for per cent removal of BOD for the month of February 1984, parameters being 85% removal. Removal affected for February was 84.4% for BOD.

2. There was an extremely low BOD influent for the entire month with an average BOD of 32 mg/l, a high of 52 mg/l and an effluent average of 5 mg/l and maximum of 7 mg/l. With a BOD influent this low, it is practically impossible to meet the requirement for per cent removal. However we are still within the limits of total BOD discharge.

3. It is believed that the low BOD influent was due to heavy rains and possibly very few people on the range.

W. R. PRICE

MAIN/DLS/shk 11345 12 March 1984

FIRST ENDORSEMENT on Utilities Systems General Foreman ltr MAIN/WRP/shk 11345.4 of 12 March 1984

From: Base Maintenance Officer To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation HP-22

1. Forwarded for appropriate action.

D. L. SOUTHERLAND By direction MALU/W12/obje 113/3.4 12 Marci 1334

> From: Utilicies Systems Canorzi forenza Io: Director, Builicies Franch

> > Subj: MDES Persit Violation, LA-92

 The Rifle Range Warnewster Plant violated the parameters for par qual removal of 200 for the month of february 1964, parameters bates 652 removal. femovel affected for February was 30.41 for 500.

A. There was an extremely low solt influent for the unitre south with an average 600 or 42 mg/1, a high of 51 mg/1 and an alllught average of 5 mg/1, and maximum of 7 mg/1. With a 60% influent, this low, it is practically impossible to meet the requirement for our cant manyal. However we are still within the limits of fotal 50% dispharge.

W. C. SMIER

Adria Mariu Gara I.a.

 Inclusion bullayed that one low BON influent was due to heavy rates and possibly very few poorle on the ran c.

MAIN/MSFailt 11345 13 March 1934

Tishi di Musikar en Otificies Systeme Cenèral Foresan lie MATE/abi

from: Lass Milntonance Officer To: Director, Netural Resources and Environmental Atlairs Sec.

Subjr MPUES Fernic Violetzon 42-24

.1. Forwarded for appropriate action.

MAIN/WRP/shk 11345.4 12 March 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, BB-207

1. The Courthouse Bay Wastewater Plant violated the parameters for per cent removal of BOD and SS for the month of February, 1984, parameter being 85% for BOD and SS. Removal affected for February was 73.3% BOD and 80.4% SS.

2. Heavy influx from rain and chemicals from oil/water separators continue to flood the plant, damaging filter growth and allowing insufficient detention time.

3. The newly constructed raw sewage holding basin was not put into operation as expected in February. However, the new date is set for March 13, 1984. When it is put in operation, it should allow sufficient detention time and eliminate shock loading.

W. R. PRICE

MAIN/DLS/shk 11345 12 March 1984

FIRST ENDORSEMENT on Utilities Systems General Foreman 1tr MAIN/WRP/shk 11345.4 of 12 March 1984

- From: Base Maintenance Officer To: Director, Natural Resources and Environmental Affairs
- Subj: NPDES Permit Violation, BB-207
- 1. Forwarded for appropriate action.

D. L. SOUTHERLAND By direction nde∖ hikmis. Sekilt Agel, in if

the third and the second

AND HOLDERS

Proper intificate Systems Constal Loreson. For provide delivitien Errade

Subjected in regulation and action

1991270 usunestia nasi ina

103 TT Include Loug Silvers 201020

Torrandad for an ropriato action

a state of the state of the state

 The Contribute Ser Westernets Plant Withland the Langestree Ser Ser recoved of 500 and 55 Yest the Final distances, 135 . Sector being 57. (or 800 and 56., Semevel Structure for retringy was form. 50 and 50. (55).

 Hanvy influg from rais and sheals from oil/rates sof fat respectively for flood charalant, dereging siller proved and allowing insufficient sites the second charalant.

3. The apply constructed rate to and holdlin bards was not just three specially do extenses in Tebruary, Enverse, the set of set to there will be it is an aut in order board and a flow out frink throation the meterium shock feeting.

and the title for mention to the second second of the Little of the Milliagora fraction

O A DIGHT DOT DE CLE AND AND

Alles Bornin St the Alles St

analy is needed in the control in the second in the second in the second in the second second in the second s

- 行動調子子

HORDON'S TALL

MAIN/WRP/shk 11345.4 12 March 1984

From: Utilities Systems General Foreman/ To: Director, Utilities Branch

Subj: NPDES Permit Violation, HP-22

1. The Hadnot Point Wastewater Plant violated the parameter for per cent removal of BOD for the month of February 1984, parameters being 85% removal. Removal affected for February was 83.9% for BOD.

2. The chlorine contact chamber is presently being replaced under Contract Number N62470-71-B-1154. Due to methods used by contractor to control the flow while erecting new junction box, the flow was eratic and continuously stirred up; also many times, it did not have sufficient contact time.

3. The new chlorine contact chamber should be in operation within one to two weeks. This will allow regulation of the flow giving full contact time which should eliminate the existing problem.

W. R. PRICE

MAIN/DES/shk 11345 12 March 1984

FIRST ENDORSEMENT on Utilities Systems General Foreman ltr MAIN/WRP/shk 11345.4 of 12 March 1984

- From: Base Maintenance Officer To: Director, Natural Resources and Environmental Affairs
- Subj: NPDES Permit Violation, HP-22
- 1. Forwarded for appropriate action.

D. L. SOUTHERLAND By direction Tron Difficant (acces General Poremin) To: Director, Utilizies Righton

and A. Martin

S2-88 . colisions acoust BACE - aldes

[1. The Hedget Force: Asterness Force The Protect Set par concernence for par concernence in the set of the par concernence of the MBE for the Set of t

464,789,789,893 1154 - 4 14-51 - 61 - 61

11月前期,前和范

wofat "# ;[

aich المتعالية المتع 11 مع 11 م

moldor surgaring the behavior in and

same the set of the

BASE MAINTENANCE DIVISION Marine Corps Base Camp Lejeune, North Carolina 28542

Courtesy com Sent to

MAIN/WRP/shk 11345.4 10 February 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, BB-207

1. The Courthouse Bay Wastewater Treatment Plant violated the parameters for per cent removal of BOD and SS for the month of January 1984, parameter being 85% removal. Removal affected for January was 81.9% BOD and 82.2% for SS.

2. Shock loads of unidentified chemicals from oil/water separators flooded the trickling filter killing large sections of the zoogleal mass. When this happens the plant cannot meet the requirement for 85% memoval.

3. The newly constructed raw sewage basin will be completed within one week. When this is put into operation, it should allow sufficient detention time and eliminate shock loading.

W. R. PRICE

MAIN/DLS/shk 11345.4 10 February 1984

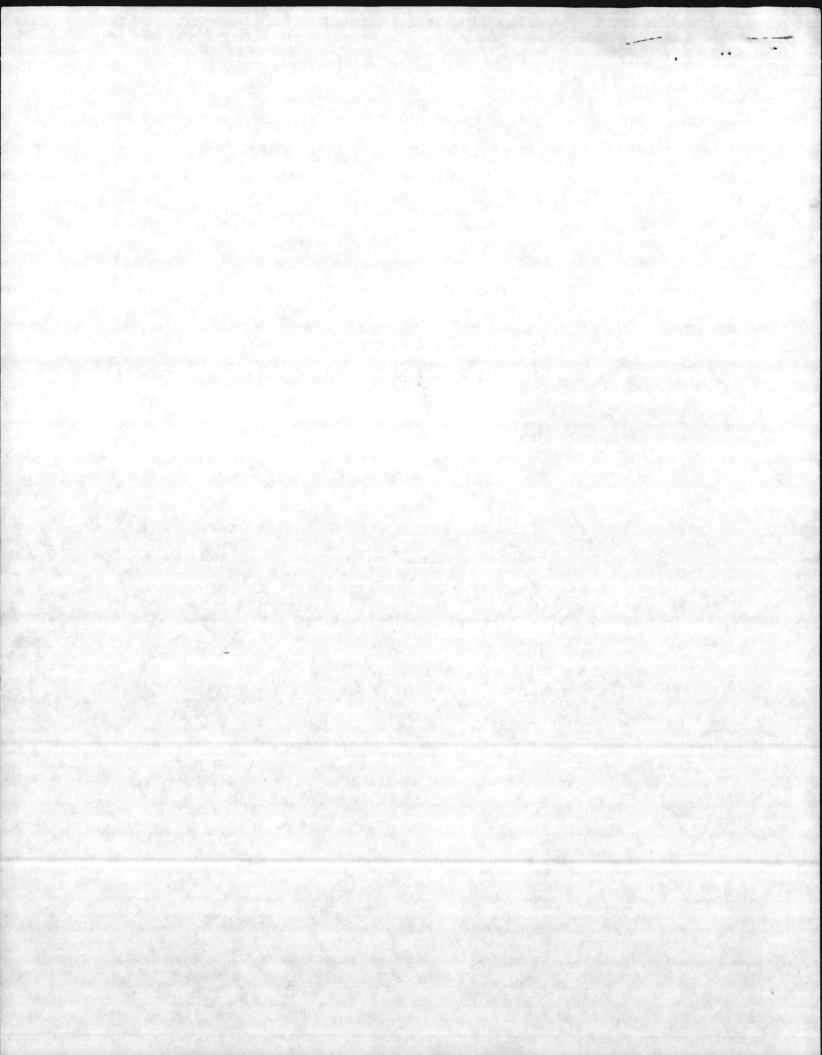
FIRST ENDORSEMENT on Utilities Systems General Foreman ltr MAIN/WRP/shk 11345.4 of 10 February 1984

From: Base Maintenance Officer To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, BB-207

1. Forwarded for appropriate action.

SOUTHERI By direction



NREAD/EAB 6280/2

Regional Administrator Environmental Protection Agency Region IV, Water Enforcement Branch 345 Courtland Street Atlanta, Georgia 30309

Dear Sir:

In accordance with requirements of National Pollutant Discharge Elimination System (NPDES permit number NCO003239, Discharge Monitoring Reports (DMRs) for the period December 1983, January and February 1984 are submitted.

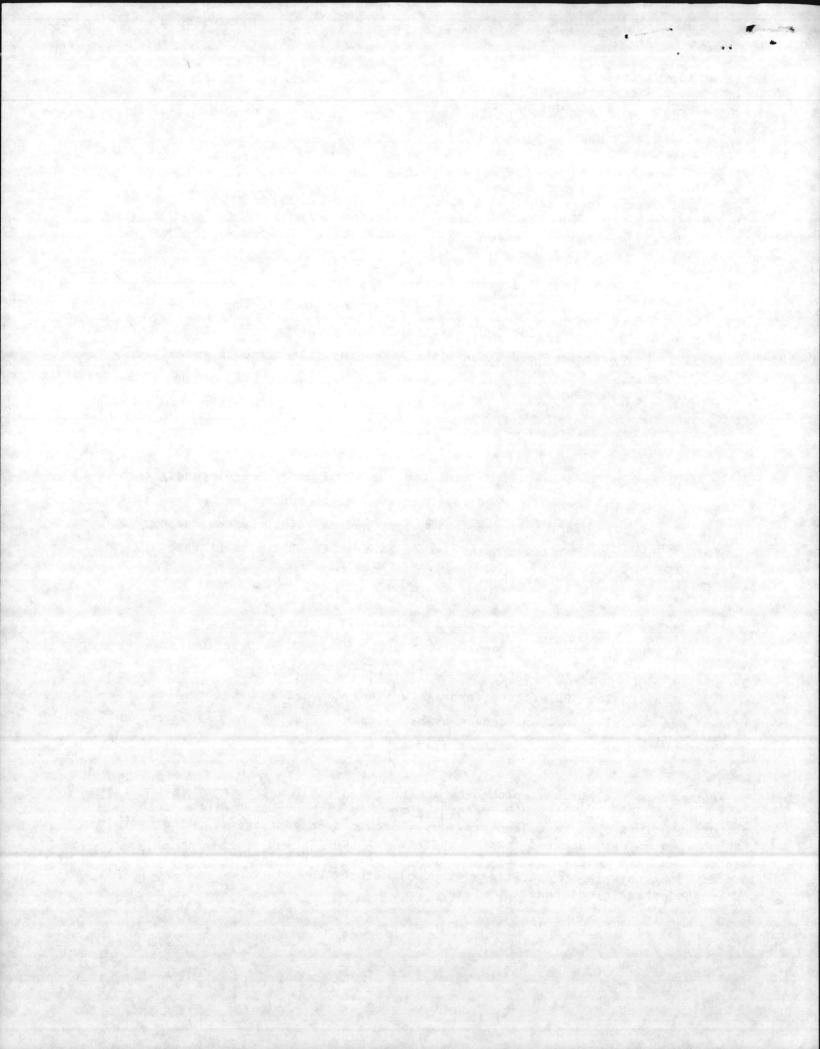
Courthouse Bay Sewage Treatment Plant violated the NPDES permit requirements for monthly Biochemical Oxygen Demand (BOD) and Total Suspended Solids (TSS) percent removal average for Janaury and February 1984. Heavy influx from rain and chemicals from oil/water separators flooded the plant, damaging filter growth and allowing insufficient detention time. A newly constructed raw sewage basin has been completed and should be in full operation within a month. The new basin should allow sufficient detention time and eliminate shock loading.

Hadnot Point Sewage Treatment Plant violated the NPDES permit requirements for monthly BOD percent removal average for February 1984. During the construction and tie in of a new chlorine contact chamber at Hadnot Point the contractor frequently backed up the flow causing a reduction in the BOD percent removal. The contact chamber should be finished within A MONTH

Rifle Range Sewage Treatment Plant violated the NPDES permit requirements for monthly BOD percent removal average for February 1984. The BOD influent concentration were extremely low, with a monthly average of 32 mg/l and a maximum value of only 52 mg/l. The BOD effluent average was only 5 mg/l. Therefore the violation was due to a low influent caused by heavy rains diluting the wastewater and a reduced number of personnel using the area.

The storm drain violations depicted by the enclosed table may be correlated with base geography and facilities by referring to maps with numbered storm drain monitoring points that have been previously provided to your agency. Storm drains that have no values reported for the quarter were checked; however, each time they were checked they were either dry or had no flow. The base environmental staff is continuing to work on operational control methodology to reduce oil and grease and suspended solids discharges.

guw

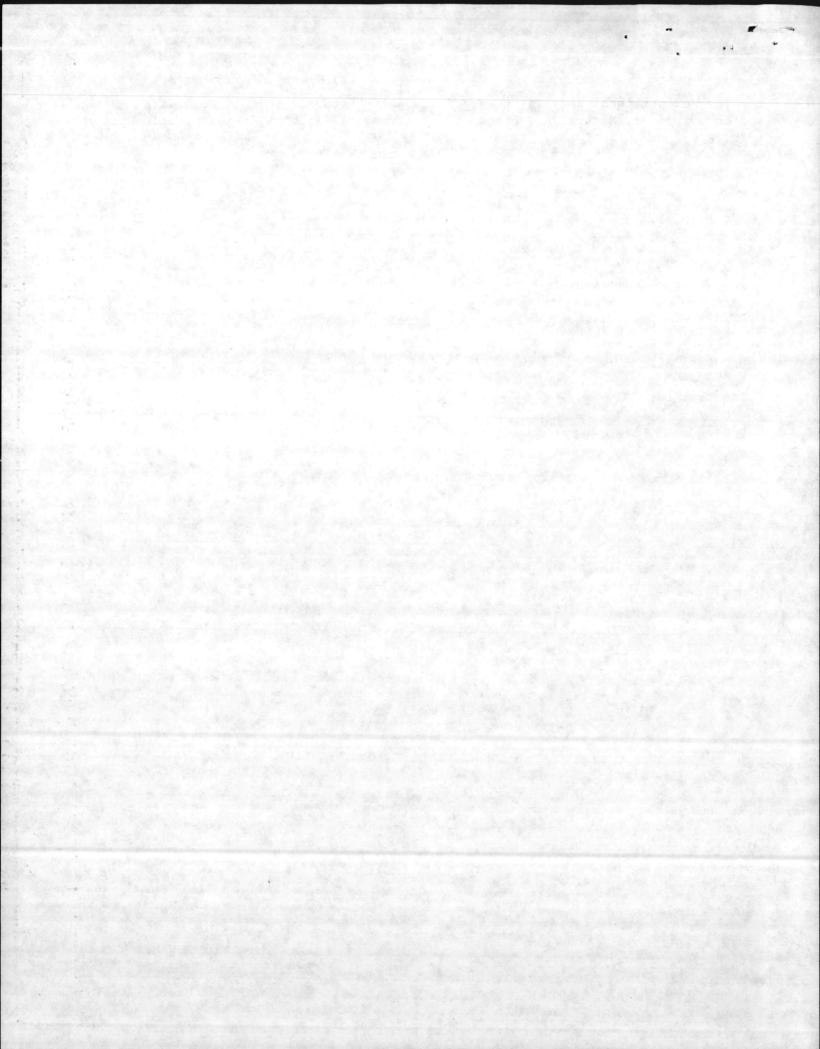


For further pertinent details on any of the above, you may contact Mr. Julian Wooten, Director, Natural Resources and Environmental Affairs Division, telephone (919) 451-5003/2083.

Encls: (1) DMRs (2) Discharge Violations

Copy to: NC Dept of NatRes&ComDev CMDR NAVFACENGCOM CMDR NEESA

Blind copy to: BMaintDiv (Util Br) QCL NREAD

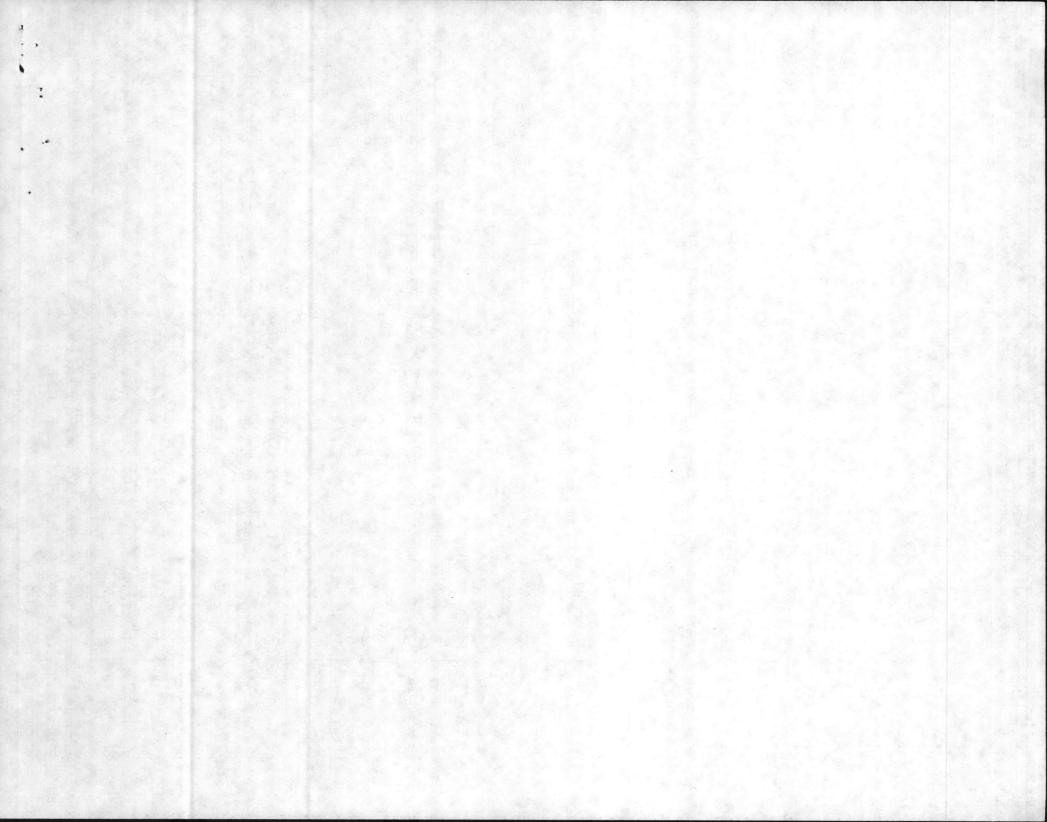


Landered in Collinality in Francis Some

NPDES PERMIT NO. NCOO03239 DISCHARGE VIOLATIONS FOR THE PERIOD DECEMBER 1983, JANUARY - FEBRUARY 1984

		· · · ·		
Monitoring Sta. or Storm Drain <u>Number</u>	Parameter	Parameter Limits	Value	Date
55 06	BOD % REMOVAL	85%	81.9%	JAN 1984
5506	TSS % REMOVAL	85%	82.2%	JAN 1984
5504	BOD % REMOVAL	85%	83.9%	FEB 1984
5505	BOD % REMOVAL	85%	84.4%	Feris 1984
SSOL	BOD % REMOVAL	85°%	73.3%	FEB 1984
5506	TSS % REMOVAL	85 %	80.4%	FEB 1984.
SD 30	PH	6.0-9.0	5.7	· 14 DEC :
SD 40	TSS	50 mg/1	50.4	14 DEC
5040	OIG	15 mg/i	54	14 DEC
SD 57	TSS	50 mg/1	70:8	20 DEC
50 63	TSS	somgli	96.0	ZIDEC
SD 62	755	50 mg/1	57.0	29 Dec
5D 42	T35	50 mg /1	119.6	27 FEB
SD 63	OF C	15 mg /1	59	29 FEB
5D 63	મંત્	6.0-9.0	5.7	Z9 FEB
	PH	6.0-9.0	5.8	29 FEB
SD 64	TSS	50 mg/1	233	29 FEB
.SD 80		15 mg/1	680	Z9 FEB
. SD 80	OrG	, , <i>, , ,</i> ,		

.:



BASE MAINTENANCE DIVISION

Marine Corps Base Camp Lejeune, North Carolina 28542

> MAIN/WRP/shk 11345.4 12 March 1984

A NU DOS

Utilities Systems General Foreman From: Director, Utilities Branch To:

Subj: NPDES Permit Violation, BB-207

1. The Courthouse Bay Wastewater Plant violated the parameters for per cent removal of BOD and SS for the month of February, 1984, parameter being 85% for BOD and SS. Removal affected for February was 73.3% BOD and 80.4% SS.

2. Heavy influx from rain and chemicals from oil/water separators continue to flood the plant, damaging filter growth and allowing insufficient detention time.

3. The newly constructed raw sewage holding basin was not put into operation as expected in February. However, the new date is set for March 13, 1984. When it is put in operation, it should allow sufficient detention time and eliminate shock loading.

.MAIN/DLS/shk 11345 . 12 March 1984

FIRST ENDORSEMENT on Utilities Systems General Foreman ltr MAIN/WRP/shk 11345.4 of 12 March 1984

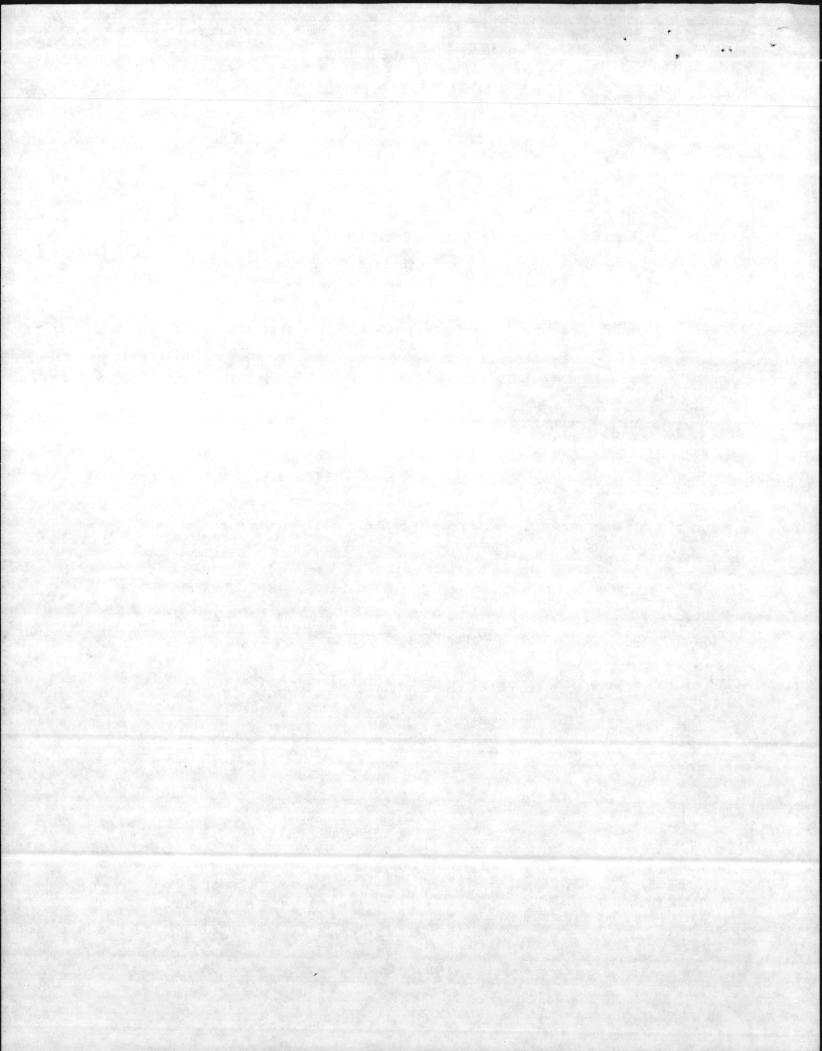
From: Base Maintenance Officer Director, Natural Resources and Environmental Affairs To:

Subj: NPDES Permit Violation, BB-207

1. Forwarded for appropriate action.

LE Southerland D. L. SOUTHERLAND

By direction



BASE MAINTENANCE DIVISION

Marine Corps Base Camp Lejeune, North Carolina 28542

> MAIN/WRP/shk 11345.4 12 March 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, RR-92

1. The Rifle Range Wastewater Plant violated the parameters for per cent removal of BOD for the month of February 1984, parameters being 85% removal. Removal affected for February was 84.4% for BOD.

2. There was an extremely low BOD influent for the entire month with an average BOD of 32 mg/l, a high of 52 mg/l and an effluent average of 5 mg/l and maximum of 7 mg/l. With a BOD influent this low, it is practically impossible to meet the requirement for per cent removal. However we are still within the limits of total BOD discharge.

3. It is believed that the low BOD influent was due to heavy rains and possibly very few people on the range.

MAIN/DLS/shk 11345 12 March 1984

FIRST ENDORSEMENT on Utilities Systems General Foreman 1tr MAIN/WRP/shk 11345.4 of 12 March 1984

From: Base Maintenance Officer

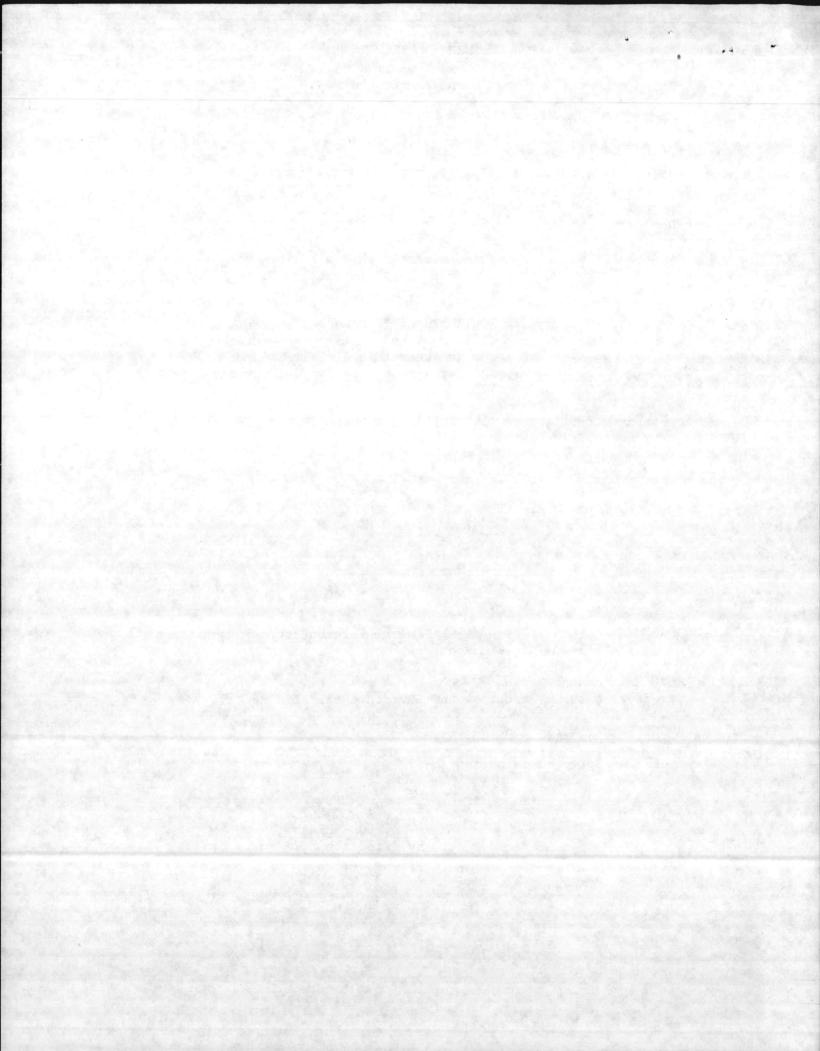
To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation HP-22

1. Forwarded for appropriate action.

D. L.

By direction



BASE MAINTENANCE DIVISION Marine Corps Base Camp Lejeune, North Carolina 28542

MAIN/WRP/shk 11345.4 12 March 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, HP-22

1. The Hadnot Point Wastewater Plant violated the parameter for per cent removal of BOD for the month of February 1984, parameters being 85% removal. Removal affected for February was 83.9% for BOD.

2. The chlorine contact chamber is presently being replaced under Contract Number N62470-71-B-1154. Due to methods used by contractor to control the flow while erecting new junction box, the flow was eratic and continuously stirred up; also many times, it did not have sufficient contact time.

3. The new chlorine contact chamber should be in operation within one to two weeks. This will allow regulation of the flow giving full contact time which should eliminate the existing problem.

W. R. PRICE

MAIN/DLS/shk 11345 12 March 1984

FIRST ENDORSEMENT on Utilities Systems General Foreman 1tr MAIN/WRP/shk. 11345.4 of 12 March 1984

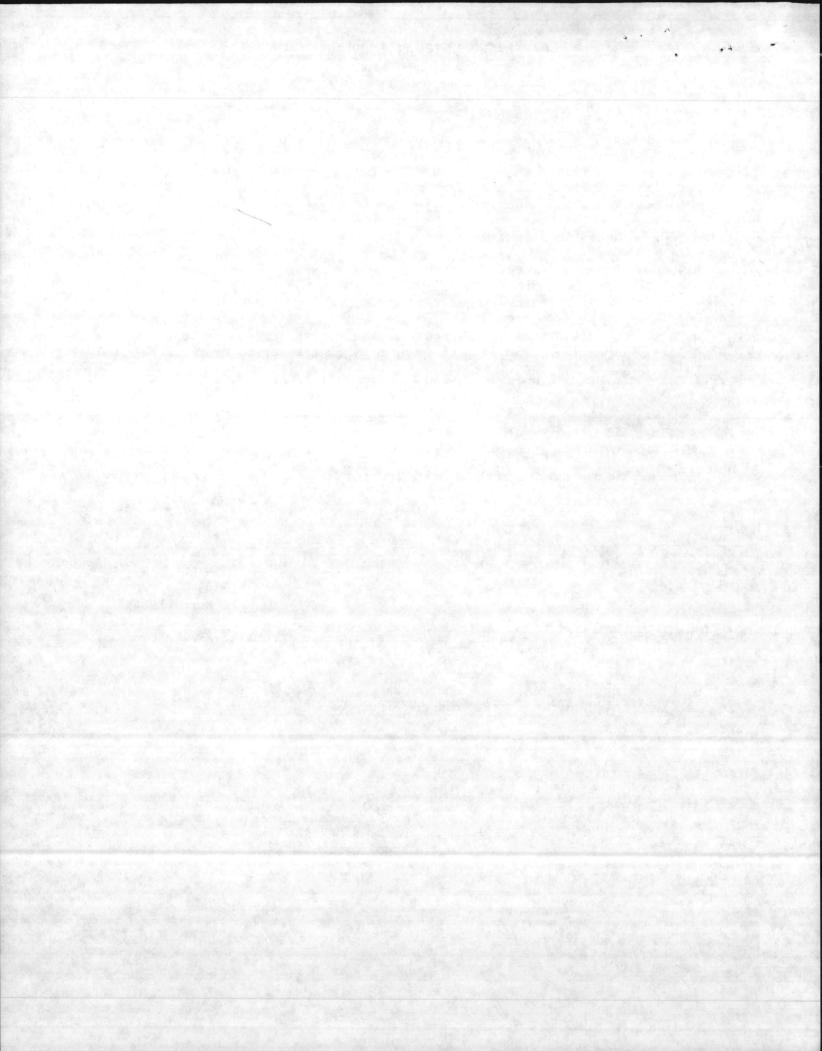
From: Base Maintenance Officer

To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, HP-22

1. Forwarded for appropriate action.

By direction



Dan Dos Courtes a Copy Sent to L

MAIN/WRP/shk 11345.4 10 February 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, BB-207

1. The Courthouse Bay Wastewater Treatment Plant violated the parameters for per cent removal of BOD and SS for the month of January 1984, parameter being 85% removal. Removal affected for January was 81.9% BOD and 82.2% for SS.

BASE MAINTENANCE DIVISION Marine Corps Base Camp Lejeune, North Carolina 28542

2. Shock loads of unidentified chemicals from oil/water separators flooded the trickling filter killing large sections of the zoogleal mass. When this happens the plant cannot meet the requirement for 85% removal.

3. The newly constructed raw sewage basin will be completed within one week. When this is put into operation, it should allow sufficient detention time and eliminate shock loading.

W. R: PRICE

MAIN/DLS/shk 11345.4 10 February 1984

FIRST ENDORSEMENT on Utilities Systems General Foreman ltr MAIN/WRP/shk 11345.4 of 10 February 1984

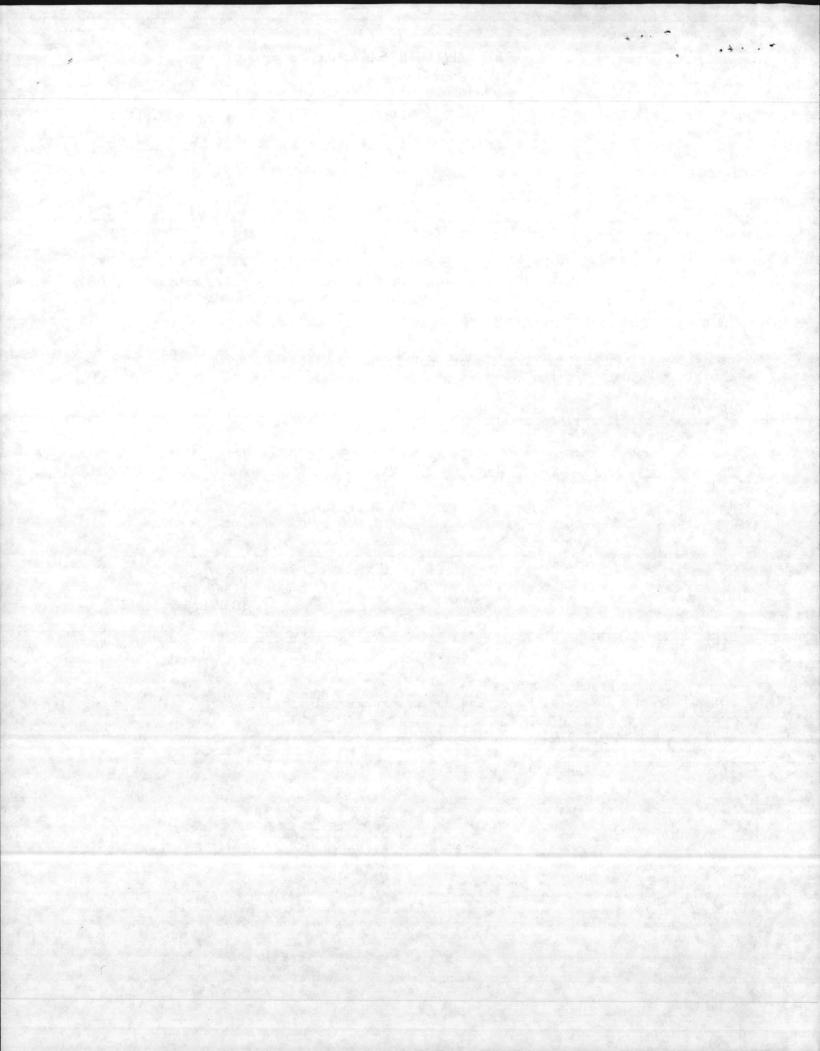
From: Base Maintenance Officer

To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, BB-207

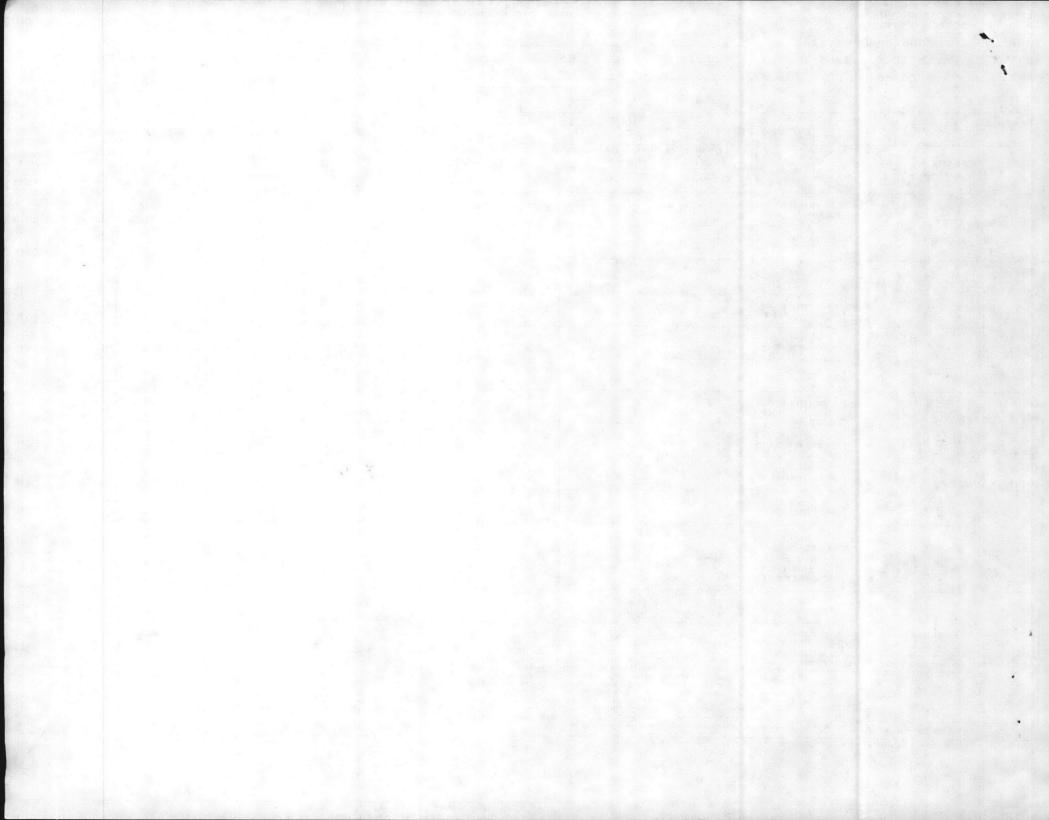
1. Forwarded for appropriate action.

By direction



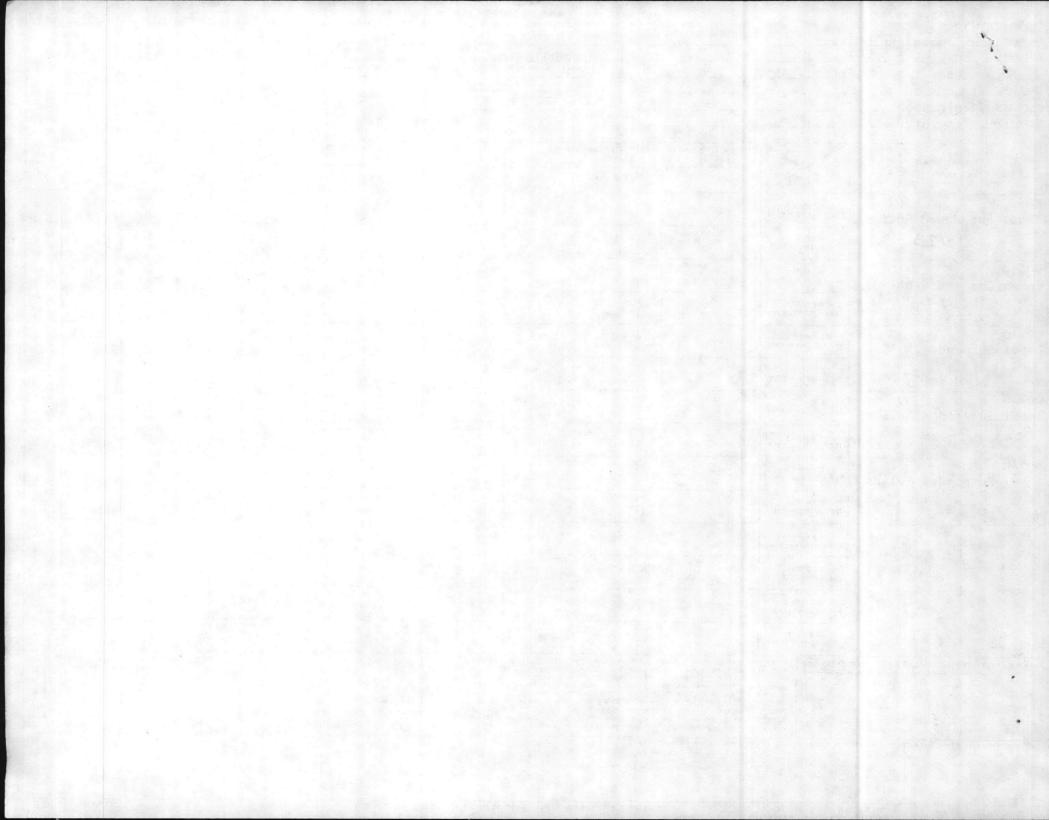
PERMITTEE NAME/ADDRESS (Inclue Facility Name /Location if different) NAME Commanding_G			DISCHA		ARGE ELIMINATION		DES)			Form App OMB No.	
ADDRESSMarine_Corps.	N(014 Onslow		Water Tre	reatment Plan		it.			
			- [MUN	ITORING PERIOD						
FACILITYUIC_67001			FROM S3	120	1 10 83 1	MO DAY 12 31 (2x.29) (10.11)	6 NOTE: Read instr	uctions before	comp	leting this	Iorm.
PARAMETER		(1 Card Only) Q1 (46-53)	UANTITY OR LOADING (54-61)		(4 Card Only). (38-45)	QUALITY OR C (46-53)	CONCENTRATION (54-61)		NO.	FREQUENCY	SAMPLE
(32-37)	X	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	ANALYSIS (64-68)	(69.70)
00403 pH Laboratory	SAMPLE	NT				8.4			00	01/07	Grab
W= 12/6/83	PERMIT	NT			6.0		10.0		·	01/07	Grab
00403 pH Laboratory	SAMPLE	NT				8.2			00	01/07	Grab
W= 12/13/83	PERMIT	NT			6.0		10.0			01/07	Grab
00403 pH Laboratory	SAMPLE	INT				8.2			00	01/07	Grab
W= /2/20/83 00403	PERMIT	NT			6.0		10.0			01/07	Grab
00403 pH Laboratory	SAMPLE	INT		i anali		8.2			00	01/07	Grab
W= 1/3/84 00403	PERMIT	NT			6.0		10.0			01/07	Gr'ab
00403 pH Laboratory	SAMPLE	INT		1		8.4			00	01/07	Grab
w= 1/10/84	PERMIT	NT			6.0		10.0			01/07	Grab
1/ 10 1	SAMPLE	INT				8.2					.
1/17/84	PERMIT	NT									
1/2/04	SAMPLE			2 							
1/24/81	PERMIT	NT									
NAME/TITLE PRINCIPAL EXECUTI	AI O O S S N N	CERTIFY UNDER PENALTY ND AM FAMILIAR WITH TH MY INQUIRY OF THOS BTAINING THE INFORMAT TRUE, ACCURATE AND FICANT PENALTIES FOR 4E POSSIBILITY OF FINE	E INFORMATION SUBMIT E INDIVIDUALS IMMEDIA ION. I BELIEVE THE COMPLETE: I AM AWAR SUBMITTING FALSE I AND IMPRISONMENT. SE	TED HEREIN: A ATELY RESPONS SUBMITTED INF E THAT THERE NFORMATION E 18 U.S.C.	ND BASED SIBLE FOR ORMATION ARE SIG- INCLUDING	URE OF PRINC	IPAL EXECUTIVE	TELEPHON	E		те ;
TYPED OR PRINTED	41	3 USC § 1319. (Penalties ad or maximum imprisonmen 5. (Reference all attachm.	t of between 6 months and	include fines up 5 years.)		CER OR AUTHO		ODE NUME	BER	YEAR N	O DAY

PAGE OF

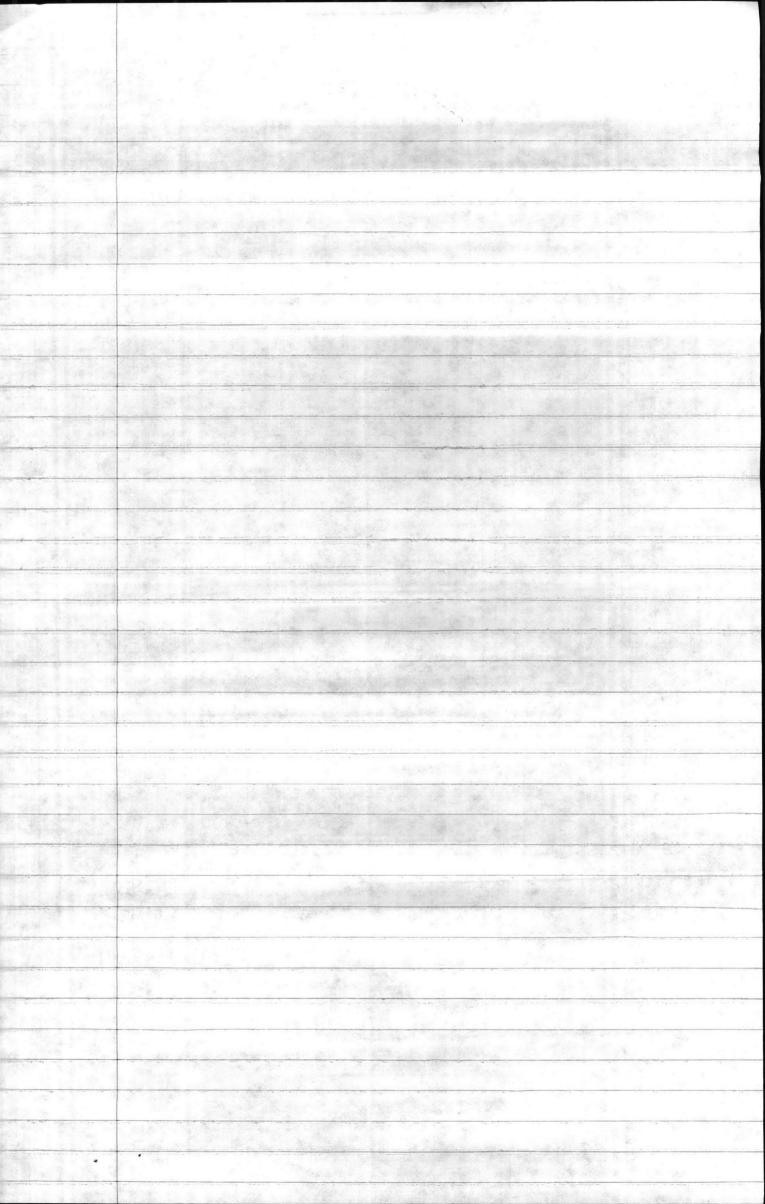


PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different) <u>NAME</u> Commanding_Genesal <u>ADDRESS</u> Marine_Corps_Base Camp_Lejeune, NC28542							DES) Form Approved OMB No. 2000-00				
			NC	DISC	014 Onslow Be		Water Tre	ent Plan	int		
Camp_Lejeune,	- 46			MONI	TORING PERIOD			•		<i>v</i> .	
LOCATION LANTDIV			FROM 83	MO DA	TO 83	MO DAY 12 31					
			(20-21)	(22-24) (24-	25) (26-27)	(28-29) (.1011)	NOTE: Read instr	uctions before	comp	leting this	lorm/
PARAMETER		(3 Card Only) QU (46-53)	ANTITY OR LOADIN (54-61)	IG .	(4 Card Only) (38-45)	QUALITY OR ((46-53)	CONCENTRATION (54-61)	<u>.</u>	NO.	FREQUENCY OF ANALYSIS	SAMPLE
(32-37)		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	(62-63)	1.	(69.70)
00530 Total Suspended Solids	SAMPLE	r				1.5		mg/1	00	01/07	8 нс
W= 12/7/83	PERMIT					30	50			01/07	Comp
00530 Total Suspended Solids	SAMPLE	r .				6.7		mg/1	00	01/07	8 HC
W= 12/13/83	PERMIT					30	50			01/07	Comp
00530 Total Suspended Solids	SAMPLE	r .			•	0,4		mg/1	00	01/07	8 HC.
W= 12/20/83	PERMIT			·		30	50		<u> </u>	01/07	Comp
00530 Total Suspended Solids	SAMPLE	r				8.4	13	mg/1	00	01/07	8 HC
w= 1/3/84	PERMIT	• 《月末通线				30	50			01/07	Comp
00530 Total Suspended Solids	SAMPLE	r .	;			5:2		mg/1	00	01/07	8 HC
W= 1/10/84	PERMIT			/		30	50			01/07	Comp
1/17/84	SAMPLE MEASUREMEN	т					-				
1111101	PERMIT					A Star					
1/24/84	SAMPLE	T		1 B							
. 1 105 97 0 1	PERMIT	•		19							
NAME/TITLE PRINCIPAL EXECUTIV	AND ON OBT/ IS T NIFIC	RTIFY UNDER PENALTY AM FAMILIAR WITH THE MY INQUIRY OF THOSE UNING THE INFORMATIC RUE, ACCURATE AND C CANT PENALTIES FOR POSSIBILITY OF FINE AI	INFORMATION SUBMIT INDIVIDUALS IMMEDIAT ON, I BELIEVE THE SI OMPLETE, I AM AWARE SUBMITTING FALSE IN	ED HEREIN: AN TELY RESPONSI UBMITTED INFO THAT THERE FORMATION, IN	D BASED HE FOR DRMATION ARE SIG HCLUDING		IPAL EXECUTIVE	TELEPHON	E		. Т Е :
TYPED OR PRINTED	33 U and '	SC § 1319. (Penaltics un pr maximum imprisonment d	der these statutes may i of between 6 months and 5	nclude fines up	to \$10,000	CER OR AUTHO	A A A A A A A A A A A A A A A A A A A	ODE NUMI	BER	YEAR	O DAY

COMMENT AND EXPLA



VIOLATIONS 14 Dec PH 6.0-9.0 5.7 5D 30 50.4 50 SP 40 35 SD 40 15 14 DEC OrG 54 70,8 20 DEC SD 57 55 50 96.0 21 DEC 50 SD 63 55 57.0 29 DEC SD 62 50 SS 119.6 27 JAN FEB SD 42 SS 50 15 59 29 FEB O+G SD 63 5.7 29 FEB SD 63 PH 6090 PH 5.8 SD 64 6.0-9.0 233 SD 80 \$5 50 15 O+G SD 80 680 29 FEB



DATE: 16 MARCH 1984

FROM: SUPVY CHEMIST, WQCL, ENVIRONMENTAL BRANCH

TO: SUPVY ECOLOGIST, ENVIRONMENTAL BEANCH

SUBJ : HADNOT POINT SEWAGE PLANT'S NPDES PERMIT VIOLATION

A. HADNOT POINT DID NOT MEET THE MINIMUM 85% REMOVAL FOR BIOCHEMICAL OXYGEN DEMAND IN FEBRUARY 1984. THE EFFLUENT SAMPLE FOR BOD'S TAKEN BEFORE THE CHLORINE CONTACT CHAMBER SINCE CHLORINE CAN EFFECT THE BOD READING. THEREFORE INSUFFICIENT CONTACT TIME THE IN THE BOD READING. THEREFORE INSUFFICIENT CONTACT TIME. THE BOD RESULTS.

2. UTILITIES EXPLANATION OF HADNOT BINT'S VIOLATION DID NOT MAKE SENSE TO THE. THEREFORE I CALLED MACK DAVIS AND INQUIRED ABOUT HADNOT BINT ON 14 MARCH 1984. DURING THE PHONE CONVERSATION IT WAS LEARNED THAT A SLUDGE PUTTRP, ONE OF TWO, HAD ALSO BEEN INOPERATIVE, IT WAS LEARNED THAT THE PUTTP STARTED MALFUNCTIONING OF AROUND 21 FEBRUARY, WHEN A TICKET WAS WEITTEN TO PULL THE PUTCP. IT WAS OUT UNTIL 6 MARCH 1984.

3. WITHOUT OUT BOTH RE ONE OF THE SLUDGE PUMPS THE SUDGE WAS RETURNED AT A 50% REDUCED RATE. THE THE DATES THE HADNOT POINT PLANT STARTED EXPERIENCING EN AN ELEVATED BOD EFFLUENT ON 19 FEBRUARY 1984. THIS CORRESPONDS TO THE DATE PUMP MALFUNCTION SO PERHAPS THE DOWN SLUDGE PUMP 16 A BETTER EXPLANATION THAN THE CONTRACTOR INTERFERENCE . WITH THE CONSTRUCTION OF THE NEW CONTRACT CHAMBER,

Beh

and the second	•
	a la constante des
	A CONTRACTOR OF A CONTRACTOR O
	177 - 5 Kan - 5 a - 5
	and a second
	and a second sec
	and a second
	an di sama na sana na sana na sana na sana Manaziri ang sana na sana na sana na sana na sana na sana na sana na Manaziri
	a de la companya de l
	3-199 - 3-20.
	And a state of the second state of the

LAG COPY

MAIN/WRP/shk 11345.4 10 February 1984

From: Utilities Systems General Foreman To: Director, Utilities Branch

Subj: NPDES Permit Violation, BB-207

1. The Courthouse Bay Wastewater Treatment Plant violated the parameters for per cent removal of BOD and SS for the month of January 1984, parameter being 85% removal. Removal affected for January was 81.9% BOD and 82.2% for SS.

2. Shock loads of unidentified chemicals from oil/water separators flooded the trickling filter killing large sections of the zoogleal mass. When this happens the plant cannot meet the requirement for 85% memoval.

3. The newly constructed raw sewage basin will be completed within one week. When this is put into operation, it should allow sufficient detention time and eliminate shock loading.

W. R. PRICE

MAIN/DLS/shk 11345.4 10 February 1984

FIRST ENDORSEMENT on Utilities Systems General Foreman 1tr MAIN/WRP/shk 11345.4 of 10 February 1984

From: Base Maintenance Officer To: Director, Natural Resources and Environmental Affairs

Subj: NPDES Permit Violation, BB-207

1. Forwarded for appropriate action.

D. L. SOUTHERLAND By direction

ans of a feed

HAND OF

revide) District and the

negonal lavos declars tellizit dasta -

The second second second second second second

 The continues of whetevet is instant plant willers, the parameters for per continent of 500 and is far the work of schwarz field, parameter bates 612 regovers from it offer allow constructs as 51:25 200 and 12.1% for

3: Unort loose of unidentified from als "real off, segmented a flooded the structure filter will: clarge control of the information when total hereau the clart cause dest the requirement for \$5 tabutation.

a hard the state and

2.4 The newly conservation rate news of freed will be devised by an interest when coils is put free operation. It should allow spiriture issuits that and slistence insation.

and transformer to a first the first state of the state o

e el equirer di 10 Packett

the second state and the second of the second states and the

a gool 10 constraints sound

Sol-St married Terral State + Sol State

restore extremented for Sabustice

一次的时间

OPNAV 5216/144A (Rev. 8-81) S/N 0107-LF-052-2320

Recommend informal descussion whe Colchilley. Bob alexander shall be Working with PWU/Utilities to ensure Proposed upgrade addresses this continuin Protem. DDS

DATE: 9 February 1984

FROM: Supervisory Chemist, Water Quality Control Laby Envir Br, NREAD

TO: Wastewater Foreman, Water & Wastewater, Util Br, BMaintD

SUBJ: Courthouse Bay Wastewater Treatment Plant

ENCL: (1) Courthouse Bay Wastewater Treatment Plant Corrected Monthly Report for January 1984

1. After reviewing the sample labels for January 1984, it was kearned that sampling errors occurred on 31 January 1984 at Hadnot Point and Courthouse Bay. The #2 and #3 at Hadnot Point and #1, #2 and #3 at Courthouse Bay composite samples for 31 January 1984 are invalid, therefore the BOD and Suspended Solids results for 31 January 1984 at Hadnot Point and Courthouse Bay are to be discarded. This changes the NPDES violations at Courthouse Bay. Below are the corrected NPDES violations:

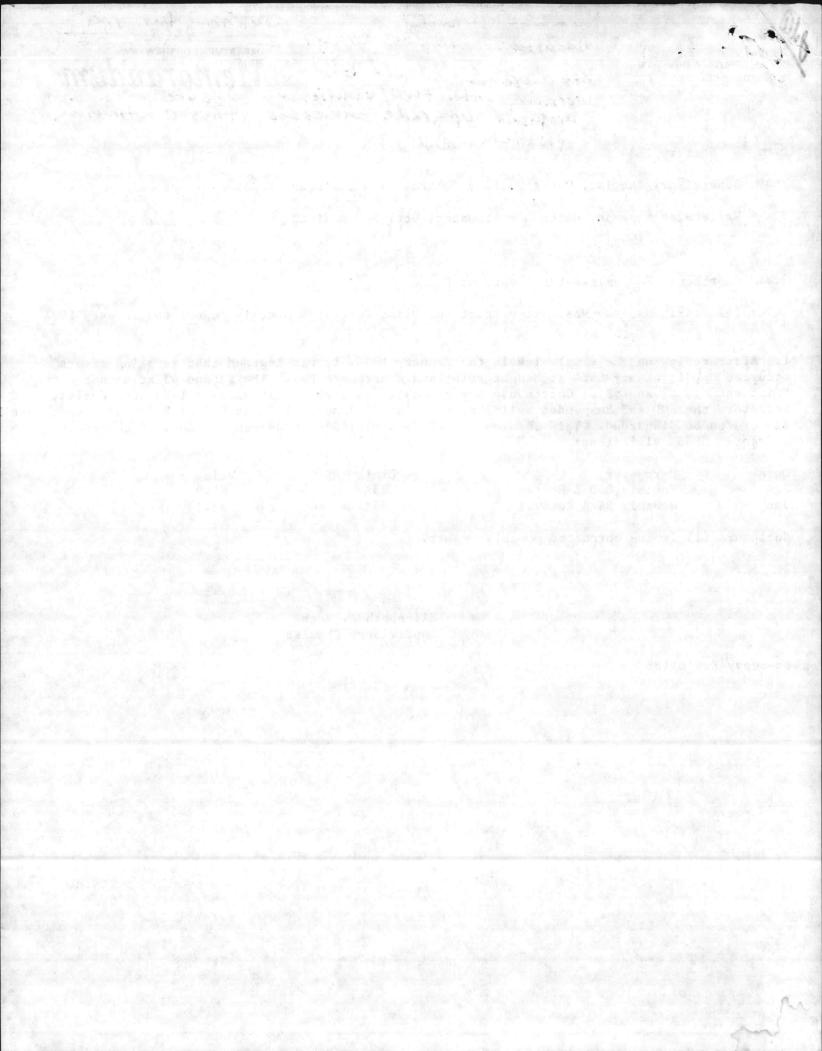
Date	Parameter	Limit	Value
Jan	Monthly BOD % Removal	85%	81.9
Jan	Monthly SS % Removal	85%	82.2

Enclosure (1) is the corrected monthly report.

lizabeth A. Betz

Supervisory Chemist

cc-Supvy Ecologist

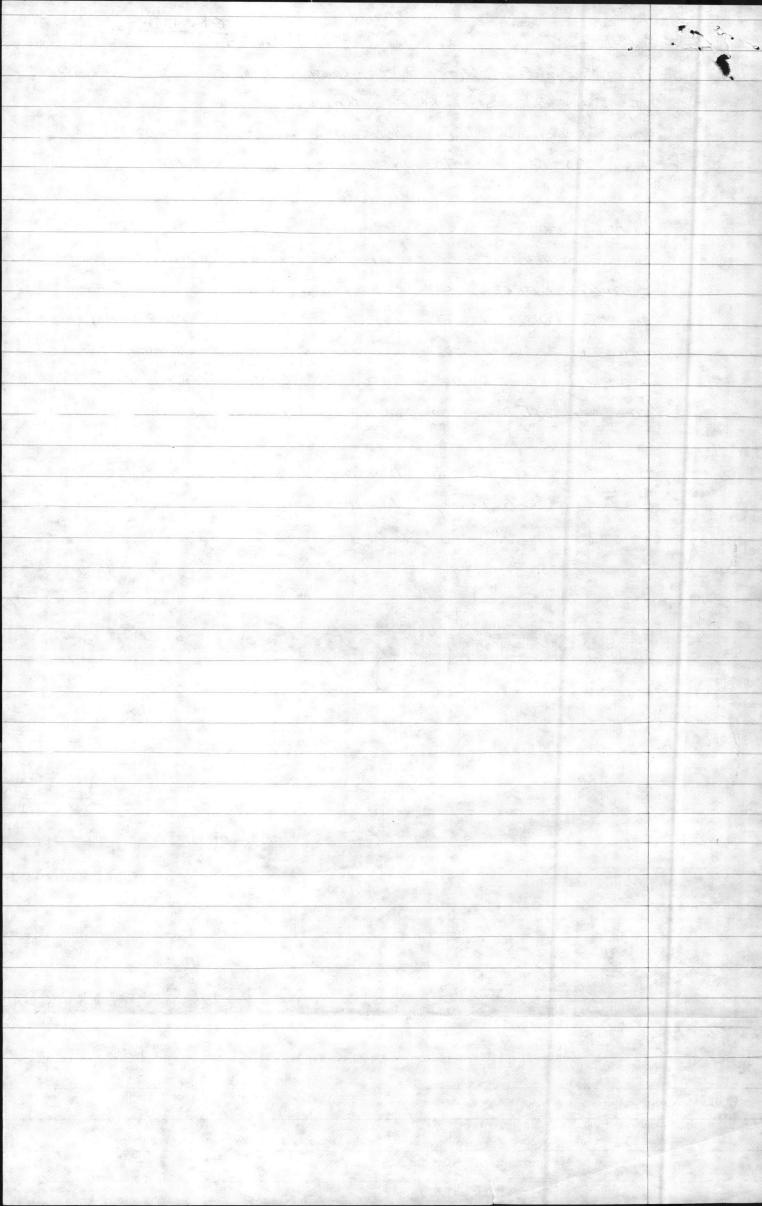


DATE: @ FEBRUARY 1984 FROM: SUPVY CHEM, WATER QUALITY CONTROL LAB, ENVIR BR, NREAD TO: SUPVY ECOLOCIST, ENVIR BR, NREAD SUBJ: COVETHOUSE BAY WASTEWATER TREATMENT PLANT ENCL: (1) CHBWWTP MONTHLY REPORT FOR JANUARY 1984.

OK DDS

1. AFTER CHECKING THE SAMPLE LABELS FOR JANUARY 1984, IT WAS DISCOVERED THAT THE 31 JANUARY 1984 CHB COMPOSITE SAMPLES WERE TAKEN INCORRECTLY, THEREFORE THE RESULTS OF THE BOD + 55 RESULTS FOR 31 JANUARY 1984 @ CHB HAVE TO BE DISCARDED. DISCARDING THE 31 JANUARY 1984 SAMPLE CHANGES THE VIOLATIONS @ CHB. BELOW ARE THE NEW NPDES VIOLATIONS:

BOD % REMOVAL MONTHLY AVERAGE 81.9 55% REMOVAL MONTHLY AVERAGE 82.2.



MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY MCBCL 11345/8 (REV. 6-83)

ANT	COVETHO		RA	u l					N	MONTH TANANA R	DA 1984	
	PLANT	DOSE			-		2	01			COLIF	OPM
	FLOW PH CHLORINE RESIDUAL			5	5 DAY 20° C. BOD			JSPENDED SO	LIDS	COLI	ORM	
DATE	TOTAL DAILY GPD		PLANT mg/1	LAB mg/1	RAW mg/1	EFFLUENT mg/1	PERCENT REMOVAL	RAW mg/1	EFFLUENT mg/1	PERCENT REMOVAL	NUMBER PER 100 ml	GEOMETRIC MEAN
1	311200	6.9	4.0									
2	331 250	6.8	4.1		And States							
3	341450	6.9	4.2	100	50	5	88	43	3	93	26	
4	342100	6.8	4.5	et into								
5	359750	6.8	4.4		310	21	93	38	5	87	10	
6	323850	6.7	4.3						Sec. 1			
7	303950	7.0	4.2						and the second			
8	306750	1.9	4.3									
9	4040780	6.8	4.2									
10	406270	6.8	4.4		117	18	85	44	7	85	8	
11	355330	67	5.8									
12	357630	6.6	5.7	tos is i	110	11	90	44	10	(77)	0	
13	340550	10,6	4.9									
14	299100	6.6	4.1			distant in the						
15	242.510	68	4.2	di Crecci		and the set	a sugar					
16	350140	6.8	4.3		N		-	the second s				
17	329750	6.6	4.0		75	13	(83)	112	15	(87)	220	
18	324950	6.8	4.1	2		(
19	391800	69	3.5		165	(72)	(56)	130	28	(78)	0	
20	293500	68	4.3			~						
21	327650	6.7	4.7	and the second			A second second					
22	342350	6.5	4.4			A CONTRACTOR OF ST		Post March 199				
23	326250	6.7	5.3			Carl and the						
24	36/350	6.8	4.7		64	16	(75)	103	21	(82)	12	
25	348500	6.8	4.5									
26	358500	6.8	3.9		264	50	81	69	16	(77)	C)	
27	378/50	7.0	5.1	1		-						
28	330450	6.8	4.5									
29	300400	7.0	4.6									
30	332850	NR	53									
31	345980	NR	5.5		- SAr	NPLE	ER	ROR			0	
Tot.	10477380		140		1155	206	651/81.4		105	666/83.2	>	
Ave.	337880		4.5		144	26	81.9	73	13	82.2	5.61	

20% 612 10 1600 22 75 V 10 13. 110 2.37 0/2902 117 30,0900 A 21 " 5.5.3