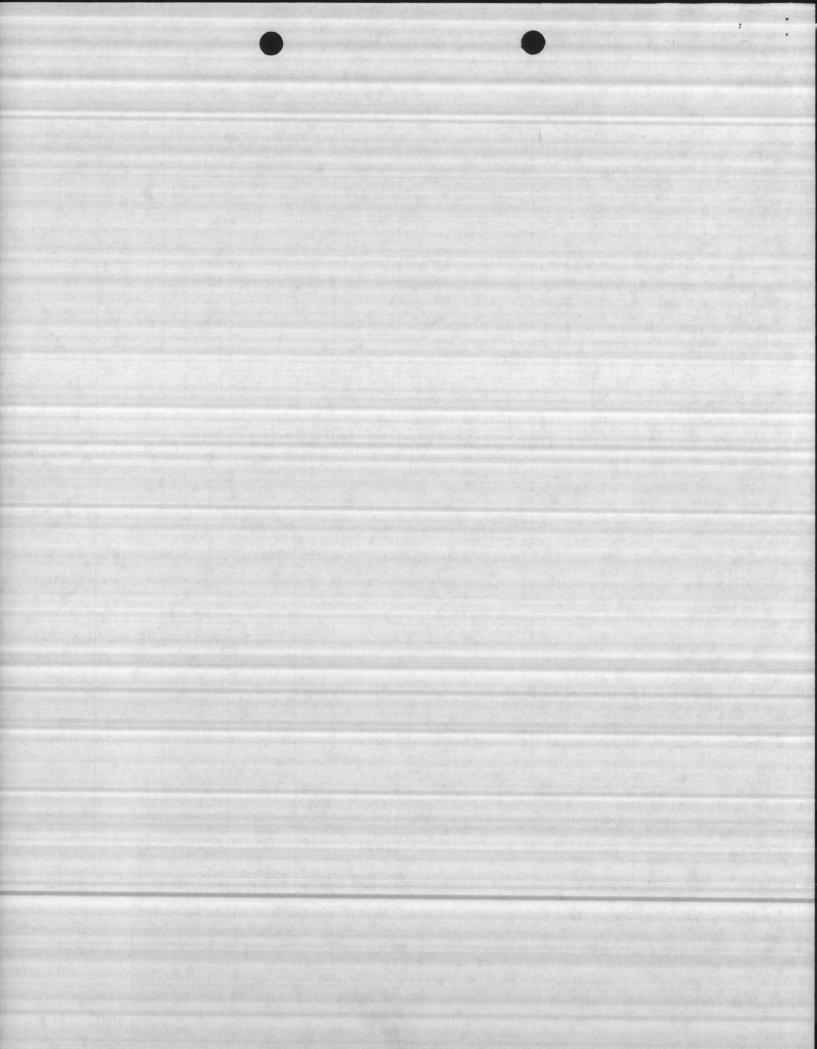
6286/1 NREAD 11 May 87 Director, Natural Resources and Environmental Affairs Division, Marine Corps Base, Camp Lejeune Base Maintenance Officer, Marine Corps Base, Camp Lejeune To: (Attn: Utilities Director) Subj: NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT RELATED REPORTING DATA (1) Monthly Report of Waste Teatment Plant Water Quality 1. It is requested that the enclosure be routed to the Utilities Systems General Foreman. The enclosure summarizes the subject data generated by the Environmental Chemistry and Microbiology Laboratory and contract laboratories for the seven wastewater treatment plants aboard the Camp Lejeune complex for the month of April 1987. 2. Questions regarding the enclosure should be forwarded to the Supervisory Chemist, Environmental Chemistry and Microbiology Laboratory, Natural Resources and Environmental Affairs Division, x5977. J. I. WOOTEN Blind copy to: EC&MS (2)

Revall 13 . Server Us to the all I say the second to the control of the terminal of the second of the sec Diviging Waring Corps Sass Commule Come was hatcheckers of the " Barras Covos B.S. Camp Servins trosporty agralities result THE CONTRACT PRESENTANT OF CHARGE BELIEF WITH THE PROPERTY OF the secretary appropriate Caracina President White we work of wast dearment Plant water Quality with the egreen or termor no expecions and tempressesses as difful restance bond the foreign and concerns with the first bond on the outh gard stading three byteshmantes Chamingery and Microbiology.
Decoration of another was endfer chaming the down was endfer chroatmany blocks and the chamin of the company to the open states of the company of the chamin of bearing of primare area for the trace and primager and paper security the Supar-stanty Chemisty Living Commission Commission, and Store of bright uningenorium bas assures asturan viotaredad igoloid Division, 25917 Blind copy to ECEMS (2)

PLANT C		ZNHOE	0~		No	Termit No. 00 63 0				PRIC	198
	5 DAY 2	0°C 50D		Annonia		NDED RE	BUE	COLIFORM	OUL + CEENSE	OOGOO TOTAL NITEOGEN	COULS TOTAL PHOOPHORAS
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EMPLUENT Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	EFFLUENT NE/100 ML	EFFWENT Mg/L	EFFWENT Mg/L	MG/L
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2								18-7 / Fabrus			
3	340	26	92	10. Z	126	12	90	2			
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5			e ir eath - e								
6	200	15-	93	6.6	134	14	90	0			
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15		1 1/2 1/2		345			•		9		4
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۲۱	176	19	89	8.2	116	7	94	0			
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2,0	180	10	94	3.3	82	4	95	0			4.6
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24	368	18	94	6.8	214	7	//	10			
25		-									
26	1.=0		10.	11.1	244	6	97	0	0.3		
27	150	14	91	4.6	246	6	1/	-	0,3		
28			-								
29-											
30									1		
31	17	/36	100	45.9	1202	75		-	6-0		4.6
TOTAL	1714	17	92	5.7	150	9	94	1.09	3.0		4.6
AVERAGE	340	26	THE PARTY.	10.2	246	16	177		5.7		4.6
MAXIMUM	152	10		0.12	82	4	1000		0.3		4.6
COMP (C)	C	C		C	C	C	3Arc		G	C	C
MOUTHY Y	Ma The State of	Maria India Property and Publisher		-		30			30	7 3	

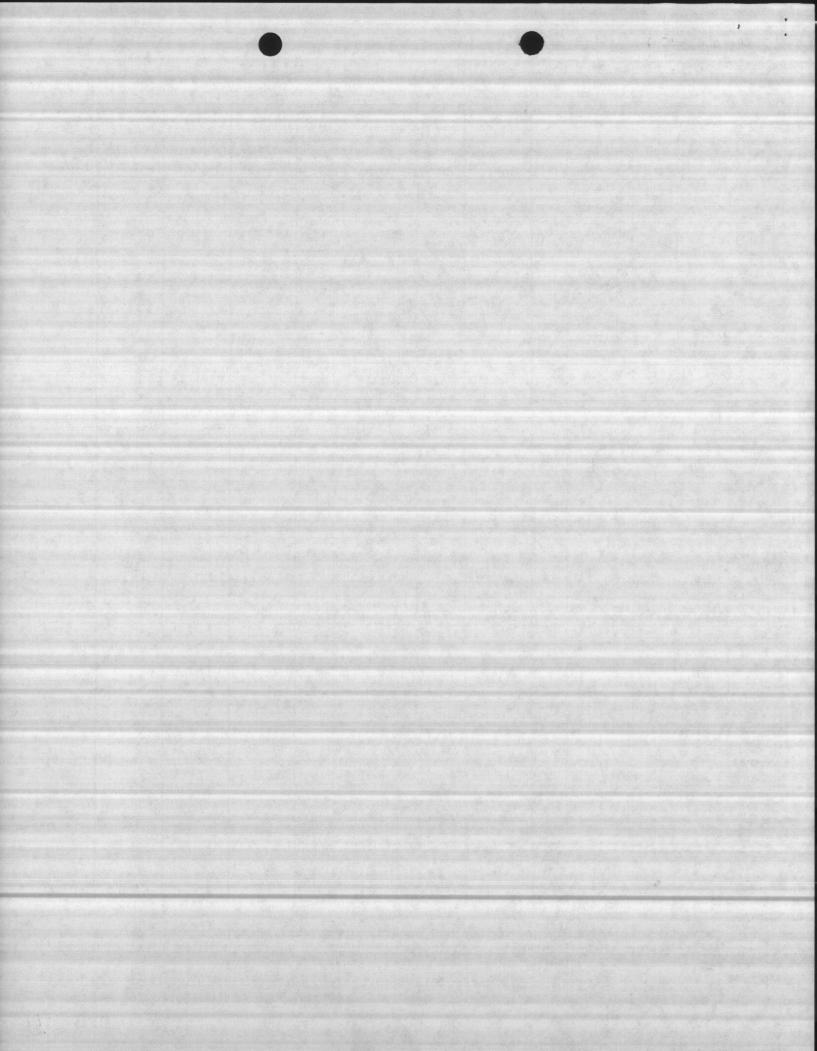
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 4. Submit completed forms to laboratory supervisor by the 10th of the following month.



TMI	ONSLOW		ACI		NO	PERMIT NO				PRIL Y	1983
	5 MY 2	0°C 50D		Annonia	A CONTRACTOR OF THE PARTY OF TH	NDED RE	DUE	COLIFORM	OUL + CEENSE	TOTAL	TOTAL PHOSPHOED
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EMPLUENT Mg/L	INFLUENT Mg/L	EFRUENT Mg/L	%	EFFWENT NE / 100 ML	EFFWENT Mg/L	EFFWENT Mg/L	Mg/L
1		3			3,-						
2	336	10	97	0.43	112	14	88	0			12.0
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14											Section 1
15							'				
16	120	8	93	0.78	64	8	88	0	'		
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2.1		10.5	1 1 1 1	95					0.2		
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23	108	7	94	0.74	188	7	91	20			
24			_					1			
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26				A SECTION OF SECTION							
27											
28											
29-	1 2 2 2	 	011	1.50	46	0	0.0	0	10		
30	232	14	94	1.59	76	8	89		1.9		
31	(: -2	110	NO.	// ==	F22	40	10000	0	2.1		
OTAL	872	40	0.5	4.27	522	10	90	0	1.0		1
VERACE	174	8	95	1.07	104		40 M	0	1.9		
MOMIXAL	336			1.59	188	7	10.0		0-2		
UNIMUM omp (c)	76	1				/	A STATE OF THE PERSON NAMED IN			1	c
(c) (c)	C	30		C	C	30	161	14,	G 30	C	

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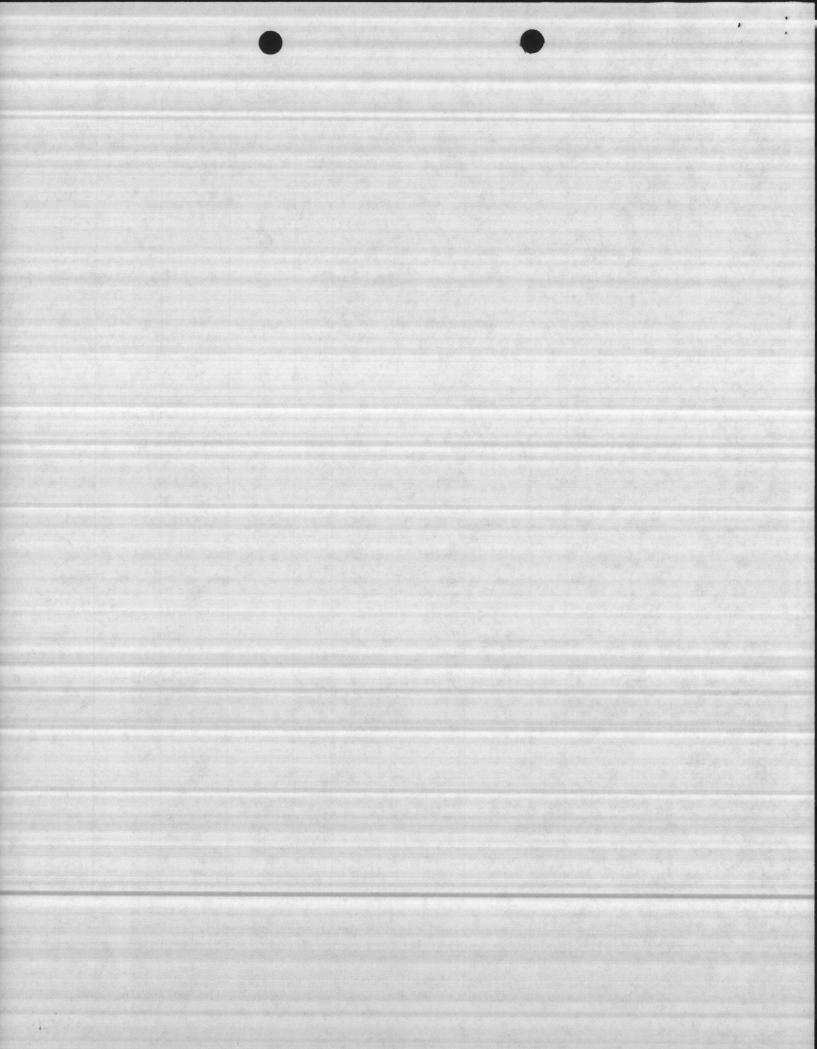
TMAT	RIFLE	RAM	UG E		N	COOG30				PISIL	198
	5 DAY 2	0°C 50D		Amnonia	TOTAL SUSPE	NDED RES	BUE	COLIFORM	OUL + CEEPPE	OOLOO TOTAL NITEOGEN	TOTAL PHOSPHOROL
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EMPLUENT Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	EFFLIENT MF/100 ML	EFFLUENT Mg/L	EFFWENT Mg/L	EATLURNT Mg/L
1	60	7	88	0.89	182	6	97	0			
2								,			2.5
3						\$2 may 1-3					
4								to the state			
5											
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7											
8	80	1.8	90	0,38	116	4	97	0			
9											
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13											-
14						1			3.9		
15	48	6	88	1. 33	108	8	93	0		1	
16											
۲۲											
18	1000		-								
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20			-	-					+		-
21	21	3	Ga		2	2	00	6			
22	36	3	92	6.40	214	_	99	0,			
23								1			
25											
26											
27											
28											4.
29-	72	7	90	0.43	140	11	92	10			
30	12	-	1	0.73	1,70				2-1		
31											
TOTAL	296	3/	李 编 >	3,43	760	3/			6.0		
	39	6		0.69	152	6	96	1.78	3. 0		
MERACE	80	8	N. T.	1.33	214	11	MA	Contraction of the last of the	3.9	C107 (237 miles	
MUMINIA	36	3		0.38	108	2	W.		2.1		
comp (c)	C	C		C	C	C	1	G	G	C	C
Mouthly	Department of					30	と	14	30		

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

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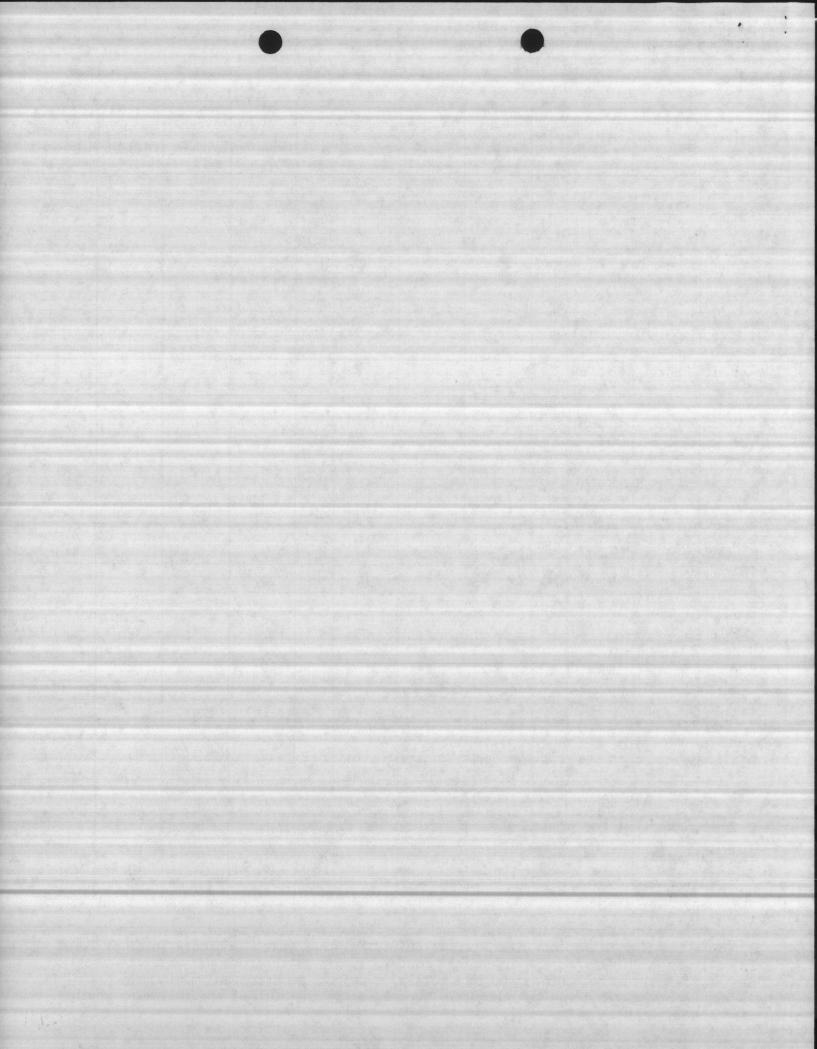
LANT C	OURTHOUSE BOD S DAY ZOOC BOD INFLIENT EFFLUENT Mg/L Mg/L				NC	7ERMIT NO 00630			AND DESCRIPTION OF THE PARTY OF	PRIL	1987 1987
	5 DAY 2	0°C 50D		Annonia		NDED RE	BUE	" F COLIFORM	00864 011 . CEERSE	OOLOO TOTAL NITEOGEN	TOTAL PHOOPHOROUS
DATE			%	EMPLUENT Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	EFFLUE NT NF/100 ML	EFFLUENT Mg/L	EFFWENT Mg/L	EATLURAT MG/L
DAIE	32	1113/2			11312	ng/c	10	7100 mc		- J	7,-
2								4.2			
3			24.00	100 100 100 100				45 × 150 m			
4											
5	3 85 3										
6								Charles and			
7	72	7	90	1.7	74	8	89	0			1.7
8		1.02.08									
9				45							
10											
- 11											
12			1								
13											
14	88	11	88	1.8.	60	8	87	0	5.6		
15							•				
16							300				
17											
18											1 3 3
19						- A 1 1 1					
20				19, 30					1		1 - 1 - 1 AP - 7 C at
2.1	76	6	92	1.5	54	5	91	0	2.3		
22											
23								1			
24						de salence à)	200		
25											
26											
27	-					-	0.5			1	
28	80	7	91	1.4	64	5	92	0			
29-									+		1
30							100 to 120				
31		2.	-		2.52	2.0	ACCOUNT.		7.9		1.7
TOTAL	3/6	31	00	64	252	26	S O				
AVERAGE	79	8	90	1.6	63	8	89	0	5.6		1.7
MAXIMUM	88	11		1.8			TALES.	0.		1	1.7
MINIMUM COMP (C)	72	6		THE RESERVE OF THE PERSON NAMED IN	54	-	***		2.3	_	c
COMP (C) GEAB (G)	C	30		C.	C	30			30	C	

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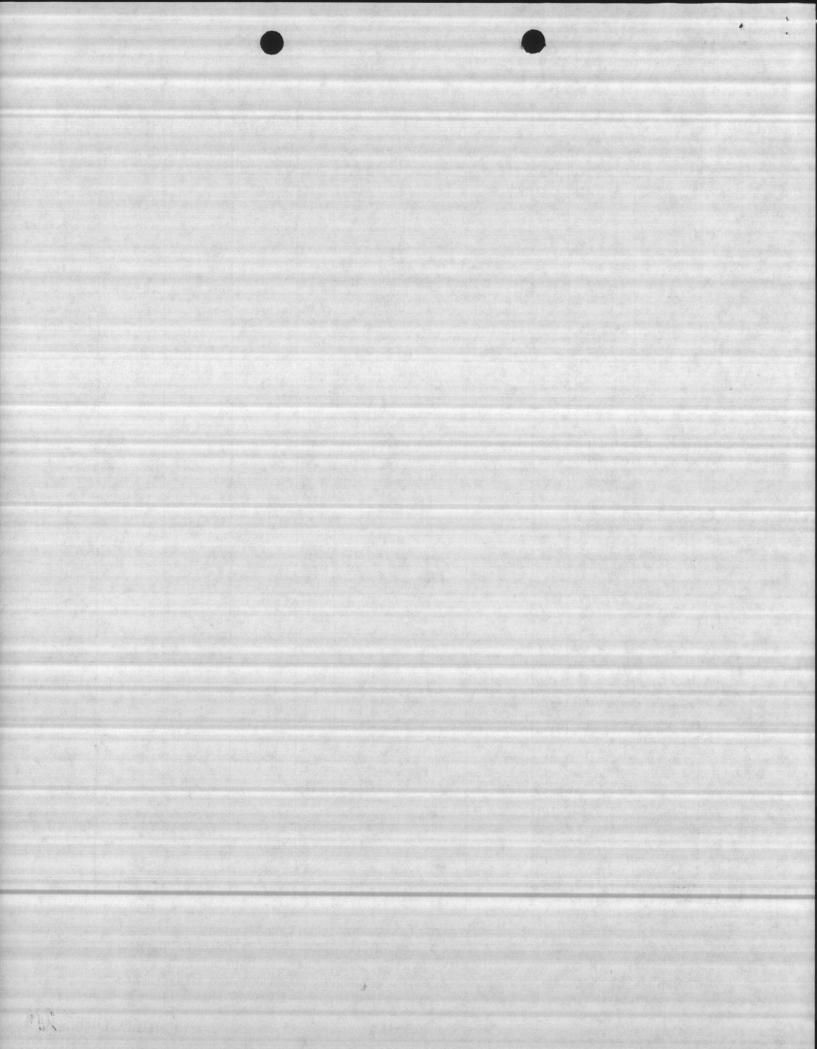
PLANT /-	ADNO	r Poi	Nr		NCO	PERMIT NO				PRIL	198
	5 DAY 2	0°C 50D		Annonia		1530 INDED RE	SOUE	COLIFORM	OIL + CEENE	OOLOO TOTAL NITROGEN	OO 665 TOTAL PHOOPHOENE
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	9/8	Mg/L	INFWENT Mg/L	EFRUENT Mg/L	%	EFFLUE NT MF/100 ML	EFFLUENT Mg/L	EFFWENT Mg/L	EARLUANT MG/L
1	120	14	88	68	146	12	90	0			
2	140	12	91	6.0	126	8	94	2			
3	160	14	91	6. 2	76	10	87	0			
4											
5											
6	128	16	88	7.4	122	17	86	0			
7	120	18	85	6.9	142	10	93	0			4.6
8	177	. 20	88	8.Z	1.42	16	89	0			
9	100	10	90	6.9	82	11.	87	0	14.0		
10	136	21	85	7. 2	110	10.	91	0			
11							•				
12											
13	108	16	85-	8. %	102	12	P#	Ø	V 100		
14	140	20	86	11.6	140	16	89	0		巴耳旋	
15	172	15	91	8.1	162	14	191	0			
16	140	14	90	173	120	9	93	0			
17	164	16	90	5.7	78	16	79	0			
18											
19											
20	120	13	89	3.4	68	9	85	4			
21	160	14	91	5.0	160	14	91	0			
22	120	n	86	5.8	82	A DESCRIPTION OF THE PARTY OF T	92	0,			
23	128	15	88	45	104	11	89	0			
24	176	15	91	6.0	106	11	90	10	77		
25											
26											
27	124	19	85	4.3	106	10	91	0			1
28	128	14	89	6.1	158	8	95	0			
29-	128.	11	9/	6.5	100	10	90	0			
30	144	12	92	5.9	136	7	95	2	2.8		
31		Lording - Nove				Part No.			4	F 1980 1	
TOTAL	3028	336	365	149.5	2578	248	THE P	-	16.8		4.6
AVERAGE	138	, 15	89	6.8	117	11	91	1.13	8.4		4. 5
Maximum	176	20	12	12.3	162	16		4	14.0		4.6
NINIMUM	100	10		3.4	68	7	L'ANA	0	2.8		4.6
COMP (C) GRAP (G)	C	C		C	C	C	rain!	G	G	Ç	C
Marry					To the same	30	4 61/4		30	1	12.00

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

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PLANT	TARA	WA.	TER	RACE		PERMIT NO			HTHOM	PRIL	198
	5 DAY 2	0°C 50D		Annonia	TOTAL SUSPE	530 NDED RE	BUE	COLIFORM	00866 OIL + GEENSE	OOLOO TOTAL NITEOGEN	COLLES TOTAL PHOSPHOROUS
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EMPLUENT Mg/L	THEWENT Mg/L	EFRUENT Mg/L	%	EFFLUE NT MF/100 ML	EFFLUENT Mg/L	EFFWENT Mg/L	EARLUANT Mg/L
1	204	13	94	3.8	164	11	93	0			
2	520	12	98	3.0	256	10	96	0			
3	380	13	97	4. 9	3/2	13	96	0			
4		all and the									
5											
6	235	13	94	3.4	470	12	97	0			
7	420	13	97	4.7	235	10	96	U			6.2
8	224	.14	94	9.6	158	8	95-	2	5.7		
9	168	5	97	4.4	215	7.	97	0			
10	200	15	93	3.8	418	8	98	0			
1,1			1					and the same			
12											
13	360	15	93	3.5	1932	13	99	0			
14	273	17	94	3.7	228	17	93	0	a designation of		
15	236	14	94	13.0	956	11	99	0		4 - 149	200
16	440	12	97	2.7	1164	9	99	2		•	
17	292	11	96	2.9	276	16	94	4			Committee
18	10/2		16	- 1			-				
19											
20	240	12	95	2.5	94	5	99	0	of summer of		
2.1	208	13	94	4.1	184	12	93	0			
22	164	11	93	9. 2	88	6	93	0 1			
23	204	11	95-	3.1	112	8	93	0			
24	260	11	96	3.6	192	5-	97	12		100000000000000000000000000000000000000	
25		- "	70	3.6			1				
26						R - 1 - 1 - 1 - 1					
27	200	12	94	3.1	114	3	97	Z	0.3		
28	224		95	4.8	122	4	97	0			
29-	228	12	95	7.2		10	93	2	12-16		
30	A CONTRACTOR OF THE PERSON	10	25	Contract Con	146	6	95-	0	Para Calabara		
•	200	70	123	2.6	120	0	, 3				
31	5880	27/.	44	102 6	7956	204	TO LO		6.0		6.2
TOTAL	-	-	96	103.6	362	9	98	1.25	3.0		G. Z
AVERAGE	267	17	-	4.7	1932	17	70	_	1.5.7		6.2
MAXIMUM	520	17	1	2.5	88	3	E PROPERTY.	A STREET, STRE	0.3		6.2
MINIMUM COMP (C)	164						1 34			C	C
COMP (C)	C	C	1444	<u>C</u> .	C	C			G	1	
Mouther	. E. 12 H.	30_	THE REAL PROPERTY.			30	制制	1000	30		- Commentary

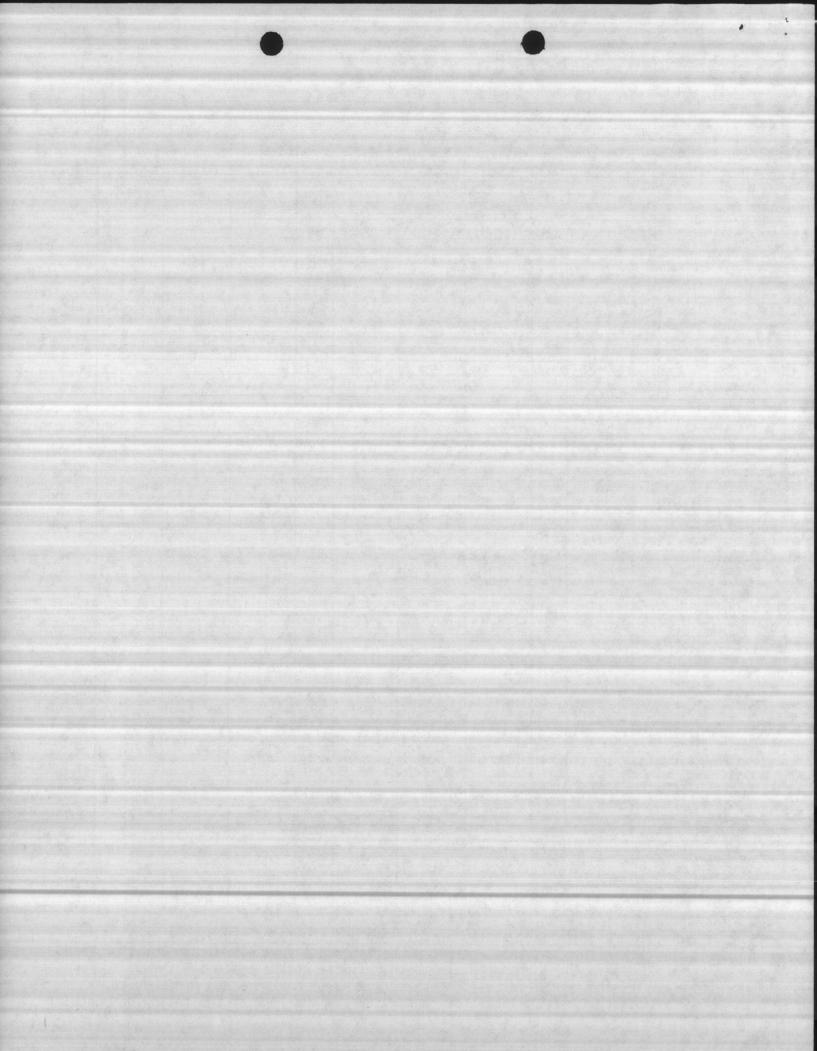
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PLANT	CAME	GE	IGE	R	NPDES	PERMIT NO	39		MONTH A	PRIL	198
	5 DAY 2	0.C BOD		MMONIA	TOTAL SUBPE	530 NDED RE	SOUE	COLIFORM	00666 011 . CEERE	OOLOO TOTAL NITEOGEN	TOTAL PHOSPHOROUS
DATE	INFLUENT Mg/L	EFFLUENT Mg/L	%	EMPLUENT Mg/L	INFWENT Mg/L	EFFWENT Mg/L	%	EFFLUE NT	EPFLIFENT Mg/L		EAPLURNT MG/L
- 1	164	7	95	14.1	112	5	96	0		1000	
2	172	8	95	12.4	110	4	96	В			
3	340	26	92	12.0	126	12	90	2			
4								Later and Equipment			
5											30 300
6	275	14	95-	12.7	68	12	82	4			
7	300	17	94	13.1	158	7	96	6			1.6
8	293	. 16	95	18.6	228	8	86	2	4.2		
9	200	3	98	14.1	124	7.	94	0		and the second s	
10	148	15	90	15.8	110	7	94	0			
- 11	1	1	1								
12											
13	215	11	95	15.2	142	15	89	0			
14	390	23	94	14.3	176	15	21	0			
15	296	20	93	The state of the s	166	16	90	8			
16	204	18	91	12.6	204	9	96	0			
17	280	14	25	9.3	170	7	96	2			
18	1 74										
19											
20	230	14	94	12.3	152	5	97	0			
21	308	18	94	11.5	140	12	91	0			
22	344	7	99	13.1	325	1	99	0,			
23	300	14	95	15.8	210	10	95-	2			
24	348	14	96	15.1	Za8	6	97	10	-		
25											
26											
27	340	7	98	15.0	248	7	97	0	1.9		
. 28	348	22	94	15.1	260	9	97	0			
29-	220	24	89	14.0	234	14	94	0			
30	3/0	17	96	13.2	162	10	94	0			A. C. C. C. C. C.
31											
TOTAL	6025	329	137 30	305.6	3933	195	t Wildy		6.1.		1.6
AVERAGE	274	15	95	13.9	179	9	94	1.33	3.0	in the pile of the last	1.6
MAXIMUM	390	24	1200	18.6	260	15	NAT A	8	4.2		1.6
NIKIMUM	148	3		9.3	68	1	Kakw	0	1.9	The Section	1.6
COMP (C)	C	C		C	C	C	itra		G	C.	C
Morringy		30				30	1年1年		30	-3	

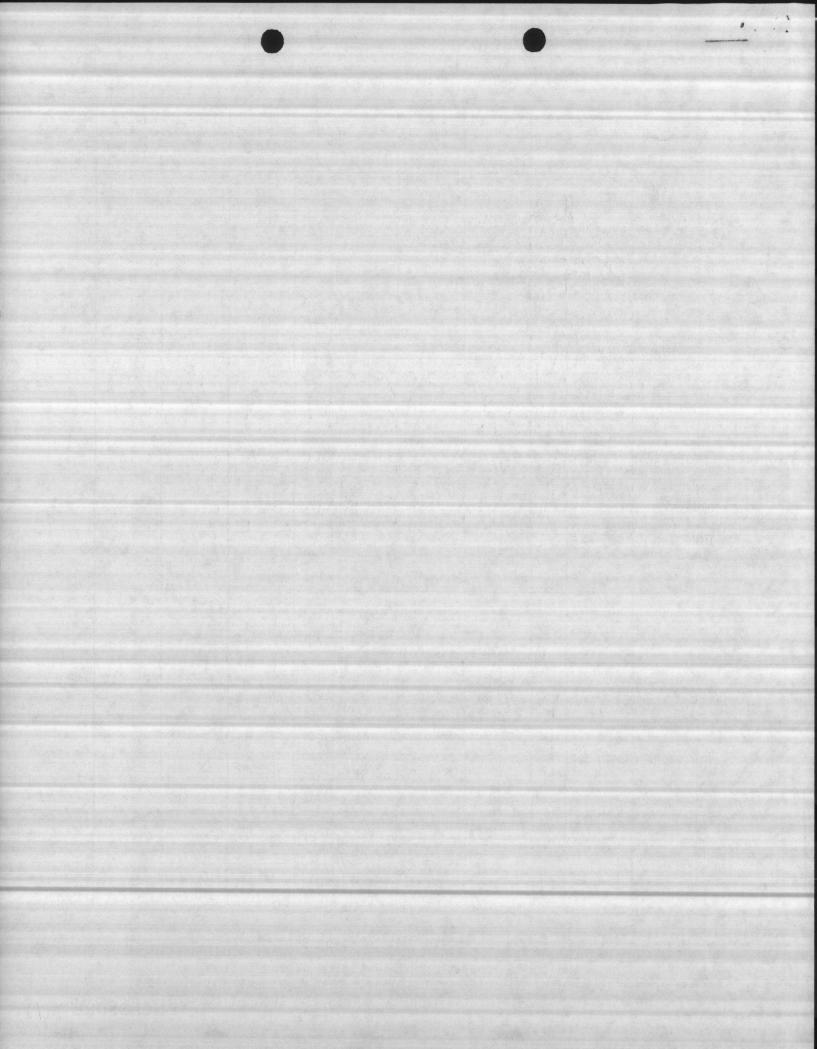
- INSTRUCTIONS:

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11331 NREAD 8 May 87

Mr. John McFadyen
Water Supply Branch
Division of Realth Services
Worth Carolina Department of
Human Resources
Post Office Sex 2091
Raleigh, North Carolina 27602

Dear Mr. McFadyen:

Enclosed are the completed Department of Health Forms (DHS 1942, 2/74) for all water treatment plants aboard Marine Corps Base, Camp Lejeune for the period 1-30 April 1987. Also enclosed are the weekly Chemical Analysis Forms (MCBCL 11330/3 Rev 3-82) for the same period, as requested in the 25 October 1982 letter from Mr. Charles Rundgren of your office.

The analysis is run by the Environmental Chemistry and Microbiology Laboratory, located in the Natural Resources and Environmental Affairs Division, Assistant Chief of Staff, Pacilities. Ms. Retz, Supervisory Chemist, Environmental Chemistry and Microbiology Laboratory, telephone (919) 451-5977, is the point of contact in this matter.

Sincerely,

JULIAN 1. WGOTEN
Director, Natural Resources Division
By direction of the Commanding General

Encls: (1) Dept of Health Forms (2) Chemical Analysis Forms

Copy to: LANTHAVPACENGCOM (Code 114)

Blind Copy to: BMO (ATTN: UTIL DIR) Supvy Chem (2)

Writer Typist Betz / Liancola Date Typed 8 May 87 Word Processor Number 11331

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Year 1987 REPORT OF BACTERIOLOGICAL RESULTS TO DIVISION OF HEALTH SERVICES Contaminant Code:

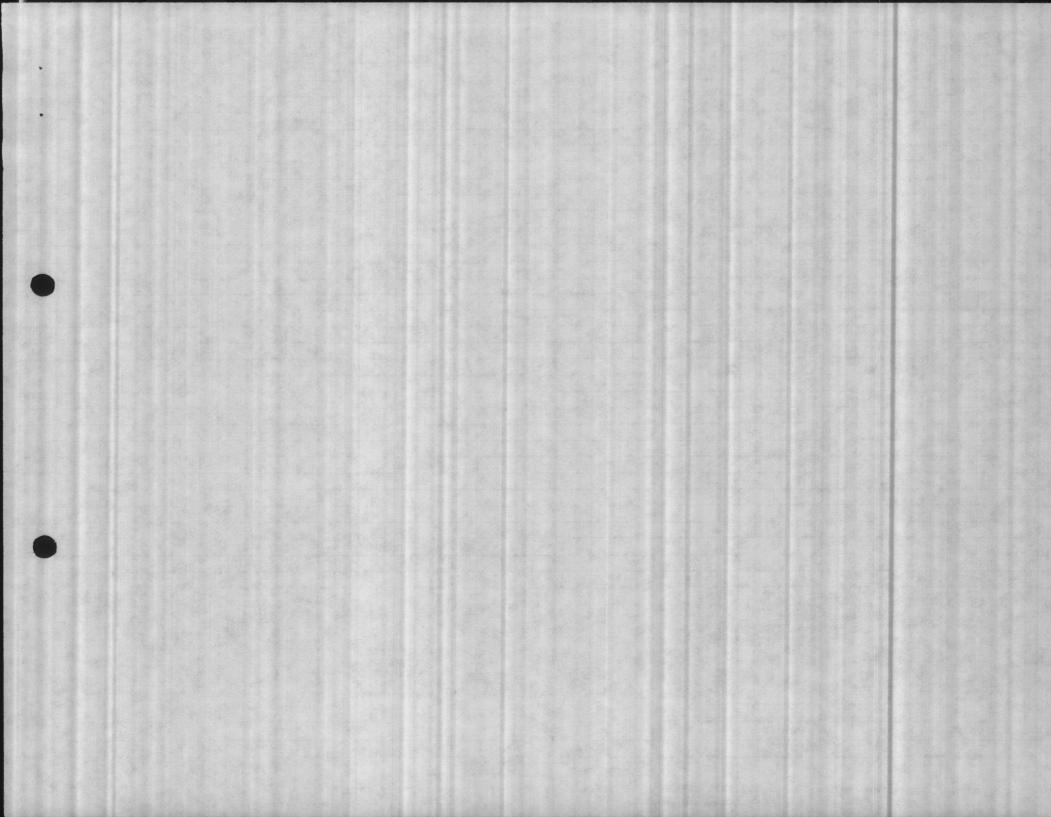
Setial # 04-67-041 A. C. DEPARTMENT OF JUHAN RESOURCES

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LAB ID # 37807

Elizabetha Bety CERT CEADE B-WELL # 4087-W



Year 1987

REPORT OF BACTERIOLOGICAL RESULTS

MAIGA INCAINGAL FEARL AL MANUE LE JEHLE

OF HEALTH SERVICES Contaminant Code:

3000

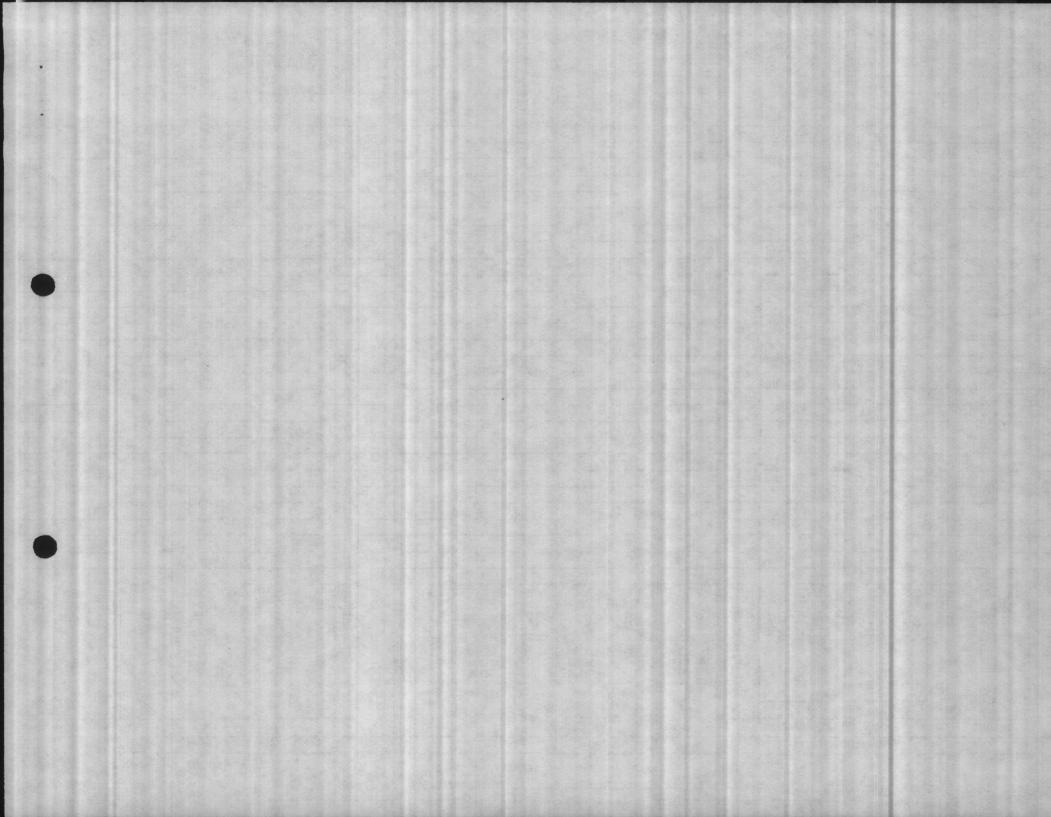
Serial # 04-67-042

RAW WATER COLIFORNS (MFF) FINISHED DISTRIBUTION SYSTEM FILTERED. COLIFORMS (MFP) REPEAT SAMPLES NO. OF COLIFORNIS FER. 100'ml. TOTAL PLATE COUNT TOTAL PLATE COUNT TOTAL PLATE COUNT CUL! FURMS 100 ml. COLI FORMS 100 ml. COLIFORNS
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7.0 SYSTEM SAMPLES EXCELCING 3/50. 4/100 7/200. 13/500ml O RRI. mEndo DACTERIAL ARITH. HEAN A HE MEDIA TPC MEDIA

LAB ID # 37837

Elizabethabet CERT CEADE: B-WELL # 4087-W



Year 1987 :

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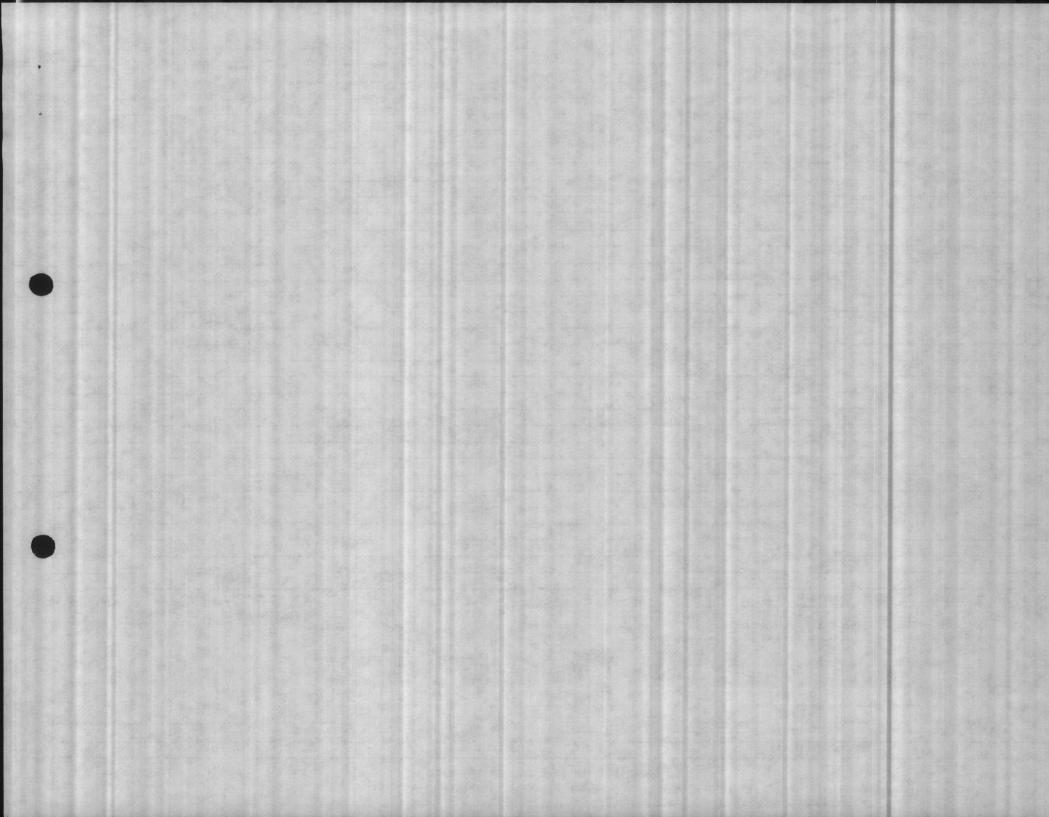
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04-67-043 REPORT OF BACTERIOLOGICAL RESULTS TO DIVISION OF MEALTH SERVICES Serial # 04-67-043

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LAB ID # 37807

Elizabeth Ce Beg CERT CRADE B-WELL # 4087-W



- WATER INCAINENT PLANT AT LAMP LE JEUDE

REPORT OF BACTERIOLOGICAL RESULTS TO DIVISION OF HEALTH SERVICES

Contaminant Code: 3000 3000

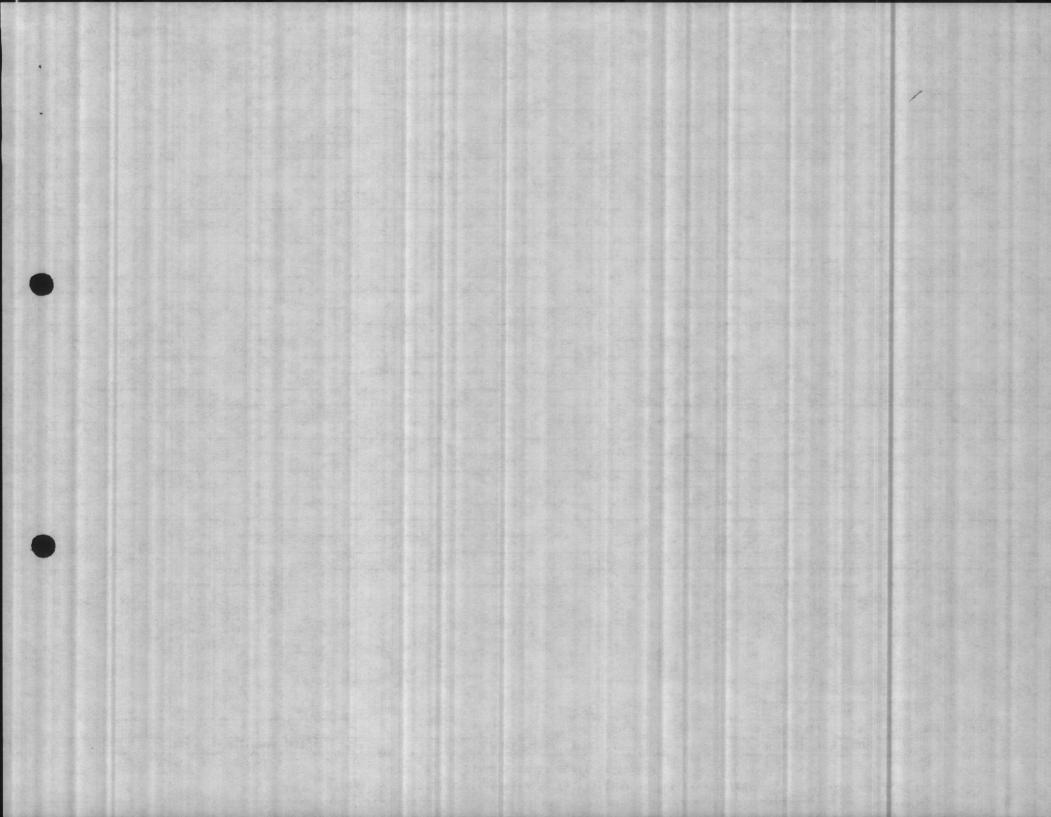
Year 1987

N. C. DEPARTMENT OF HUMAN RESOURCES

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LAB ID # 37807

Elizabeth Bety CERT GEADE B-WELL # 4087-W



Year 1987 . REPORT OF BACTERIOLOGICAL RESULTS TO DIVISION OF HEALTH SERVICES

Contaminant Code: 3000

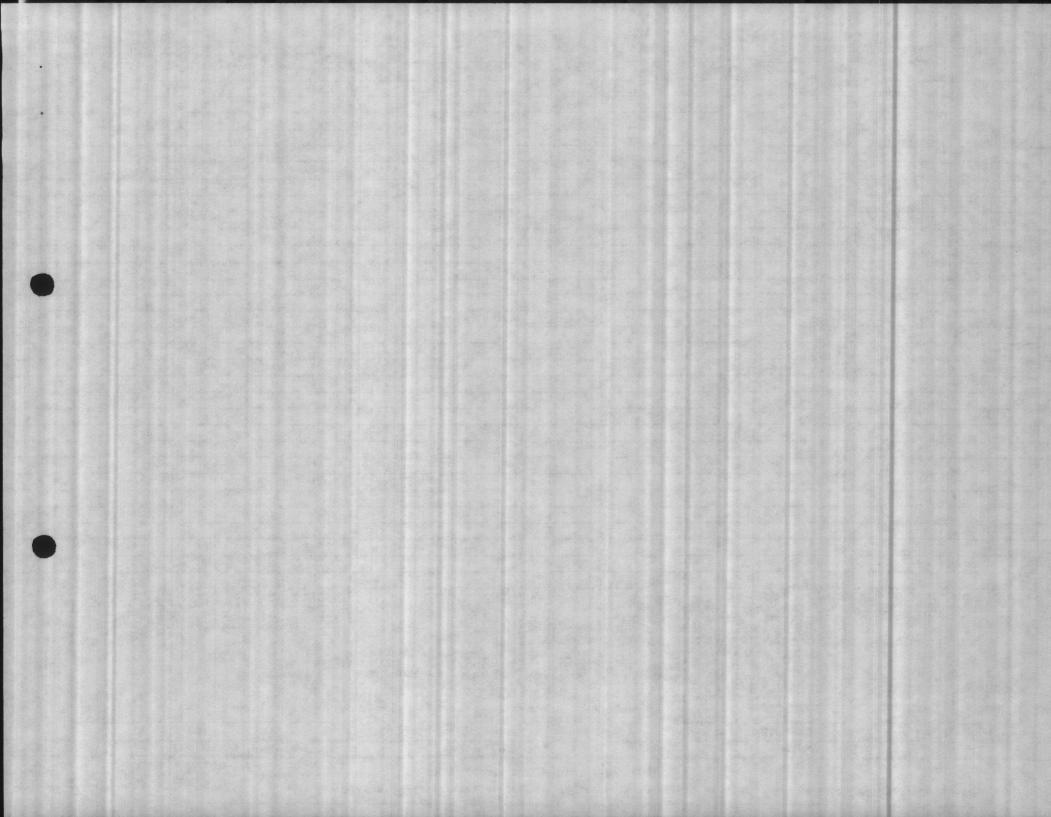
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Setial # 04-67-045

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LAB ID # 37807

Elizaletto aBet CERT CEADE B-WELL # 4087-W



Year 1987 .

REPORT OF BACTERIOLOGICAL RESULTS TO DIVISION OF HEALTH SERVICES

- HATER INCAINERS FRANT AS - MAINT TE TERRITE

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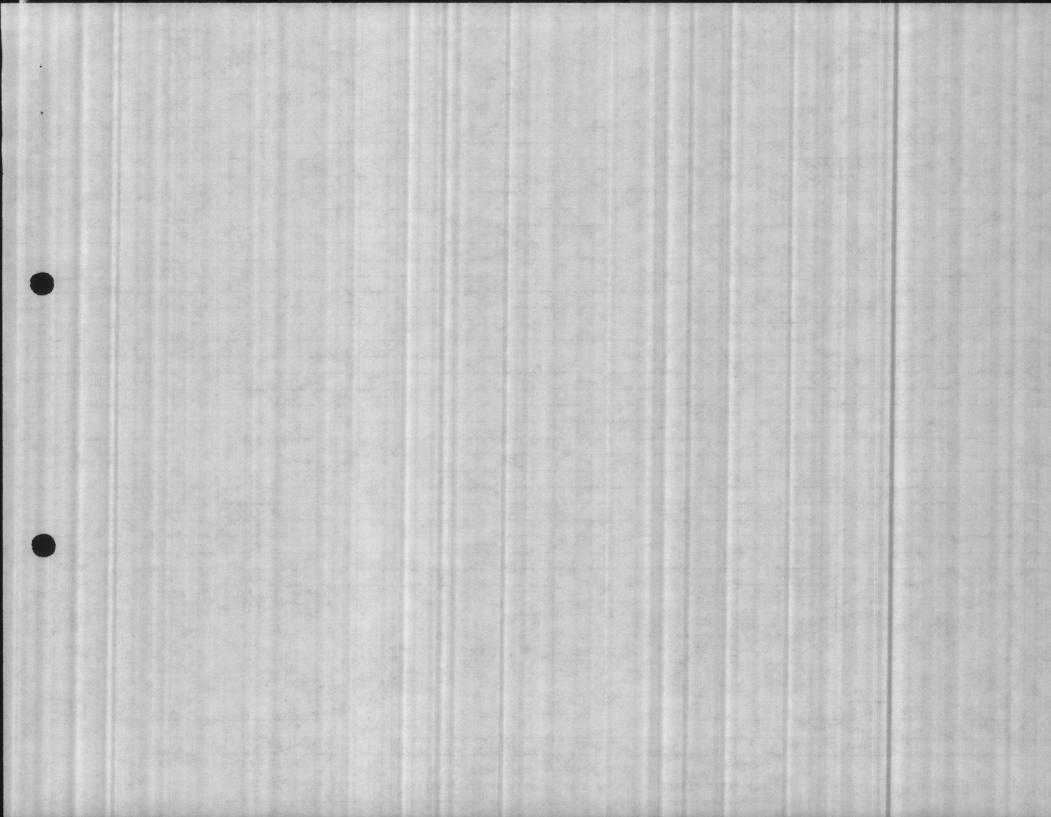
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Setial # 04-67-046 AN. C. DEPARTMENT OF HUNAN RESOURCES

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LAB ID # 37307

Elizabetha Bet CERT CEADE B-WELL # 4087-W



Contaminant Code:

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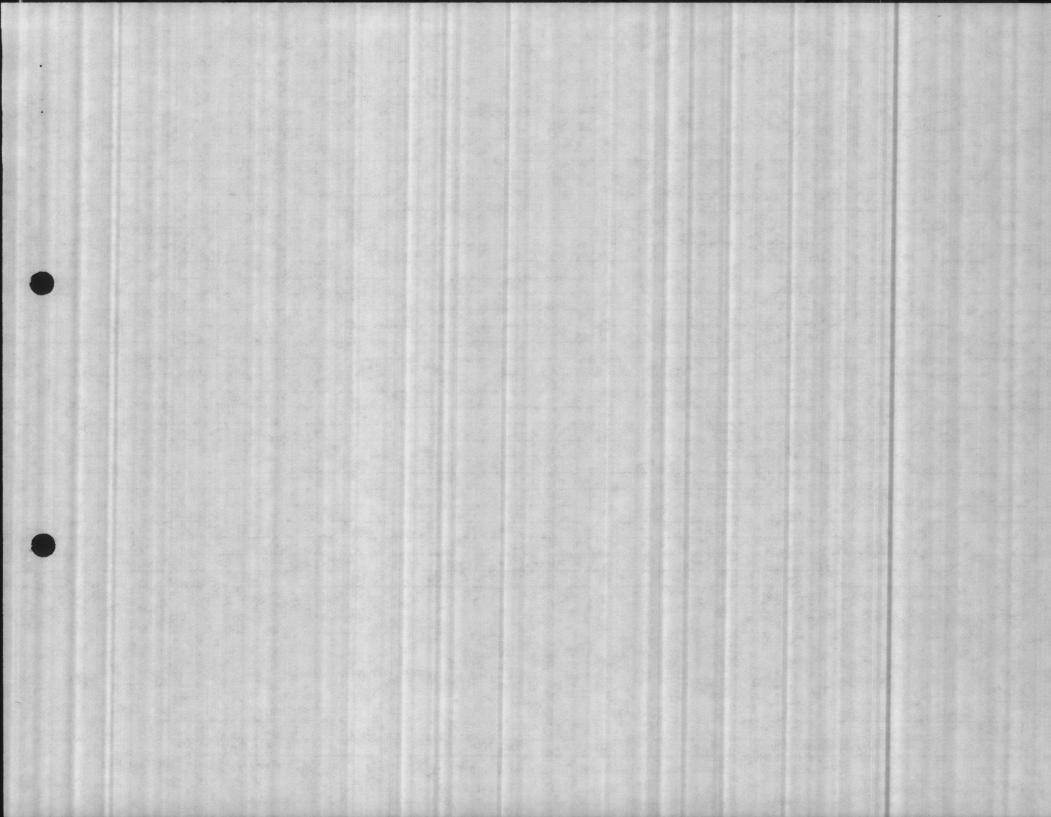
Year 1937 REPORT OF BACTERIOLOGICAL RESULTS TO DIVISION OF HEALTH SERVICES

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LAB ID # 573.37

Elizabeth a Bat CERT CEADE B-WELL # 4087-W



Year 1987

OLOGICAL RESULTS TO DIVISION OF HEALTH SERVICES Contaminant Code: 3000 Serial # 04-67-048

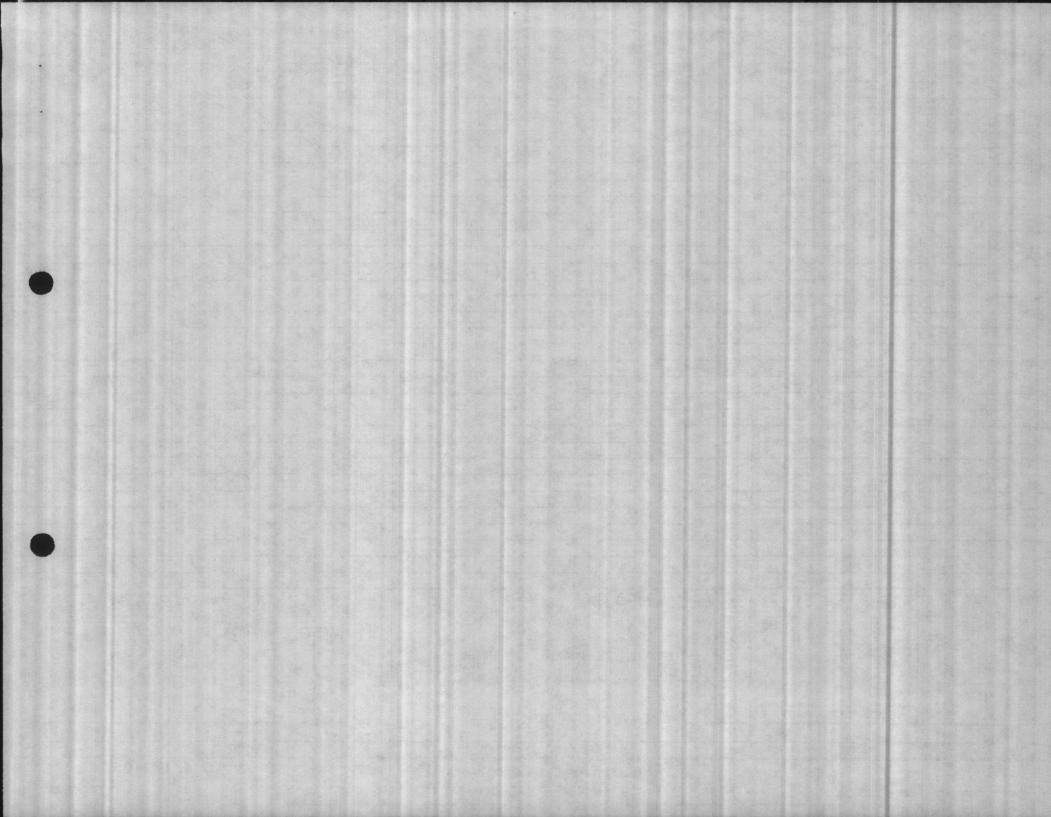
REPORT OF BACTERIOLOGICAL RESULTS TO DIVISION OF HEALTH SERVICES

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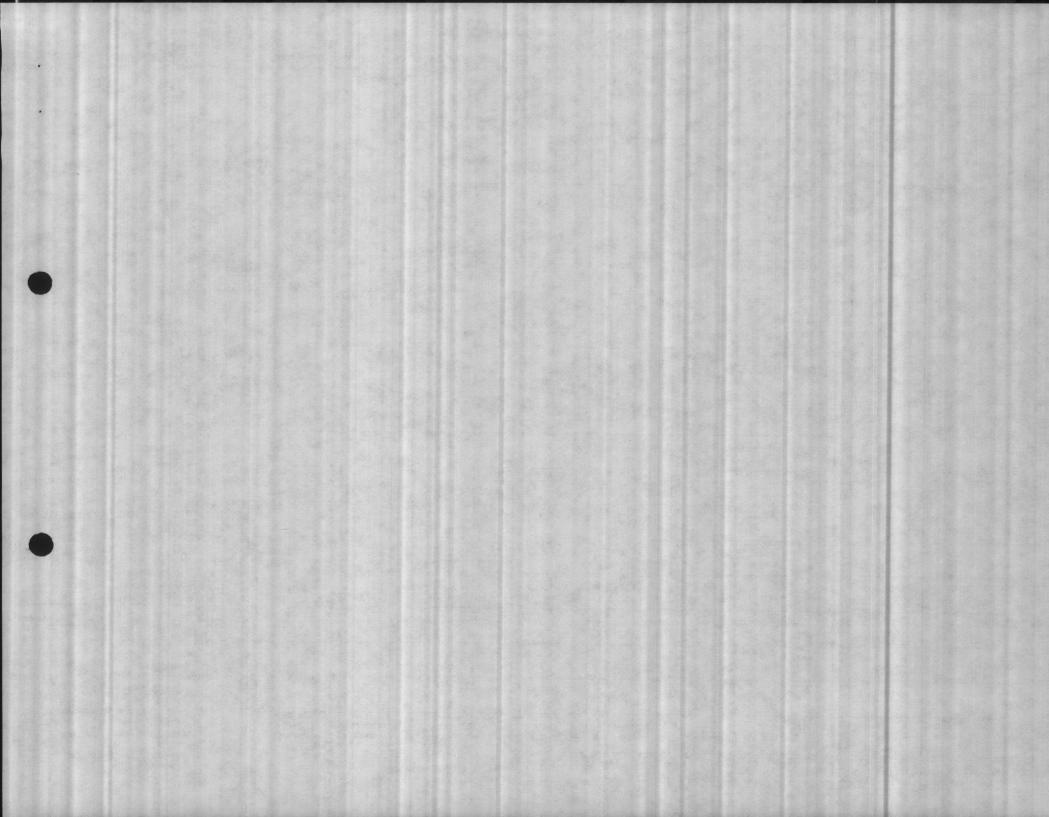
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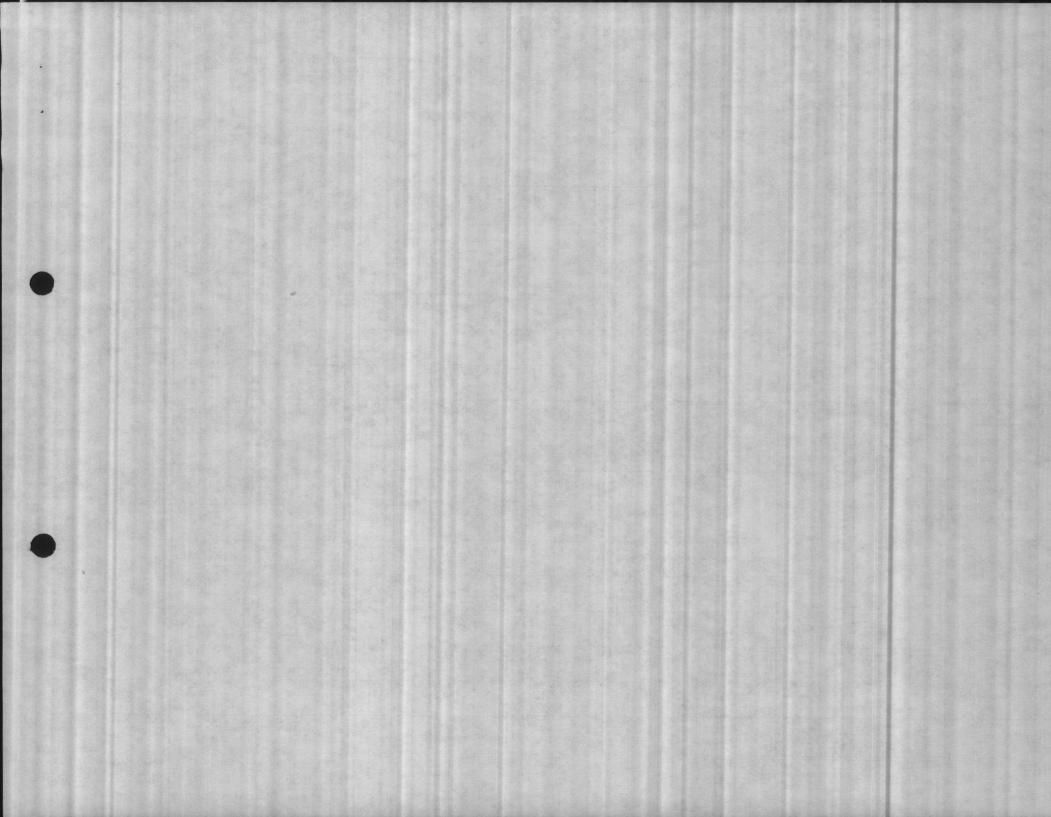
ElizabethaBet) CERT CRADE: B-WELL # 4087-W



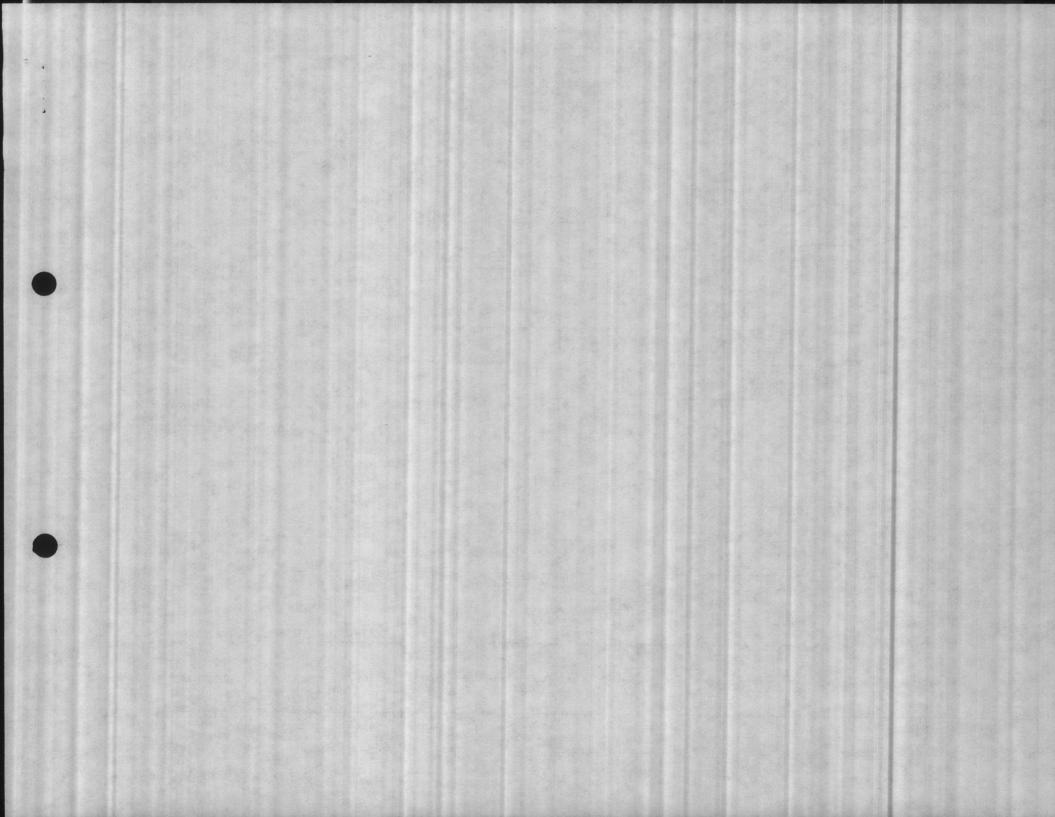
CHEMICAL ANALYSIS MCBCL 11330/3 (REV 6-84)	- WATER TH	REATMENT PL	ANTS				DATE COLLECTED 4-7-87		DATE OF ANALYS	
ARAMETER Serial#04-67	HADNOT POINT	CAMP JOHNSON	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD -043	NEW RIVER		
H (IN LAS NOT PLANT)	8.6			7.4	8.0	8,3	8.5	8.7		
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• 11. 14. 14. 14. 14.									□ WATER TRE	EATMENT
NOTE All results reported	in parts per millio	on unless otherwise	noted except for ph	H, temperature,	LABORATORY AN				D PMU D	MCAS PMU
and specific conduc	ctance One liter	or potable water is	assumed to weigh	one kilogram	H-J. 13	SURNS			D NREAD	D FILE



CHEMICAL ANALYSIS MCBCL 11330/3 (REV 6-84)	- WATER TE	REATMENT PL	ANTS				DATE COLLECTED 4 -14 -87		DATE OF ANALYSIS 4-14-87
ARAMETER Serval*04-67	HADNOT POINT -041	CAMP JOHNSON	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
H (IN LAG NOT PLANT)	8.7			7.5	7.6	8,3	8.8	9,0	
HENOLTHALEIN LKALINITY	6			0	0	0	4	12	
ETHYL ORANGE LKALINITY	60			160	170	170	62	110	
ARBONATES AS CaCO ₃	12			0	0	0	8	24	
ICARBONATES	48			160	170	170	54	86	
CHLORIDES AS C1	10			20	20	66	10	60	
HARDNESS AS CaCO ₃	74			50	54	64	80	50	
RON AS Fe			A.A.	DOWN					
LUORIDE AM	0.91			0.18	0.14	0.12	0.74	0.48	
CHLORINE RESIDUAL	1.1			1.4	1.4	1.1	1,2	1.0	
URBIDITY PM	0.2			0.2	0.2	0.2	0.2	0.3	
OTAL PHOSPHATE									
HO PHOSPHATE									
META PHOSPHATE									
STABILITY	+0.3			-0.6	-0.5	1+0.1	40,3	10.2	
EMARKS									СОРУ ТО:
									O UTIL DIR O
		+							□ WATER TREATMENT
QTE All results reported and specific conduc					LABORATORY ANA	ALYSIS BY			□ PMU □ MCAS PMU
and specific conduc	nance One mer (or political water is	accomed to weigh	C.IC Kilogram	H.J. 0	BURNS			D NREAD D FILE



CHEMICAL ANALYSIS MCBCL 11330 3 (REV 6-84)	- WATER II	NEATWENT PL	ANTO				H-21-8	7	DATE OF ANALYSIS 4-21-87
ARAMETER SERVAL*04-67	HADNOT POINT	CAMP JOHNSON	TARAWA TERRACE .	ONSLOW BEACH	COURTHOUSE BAY -047	RIFLE RANGE	HOLCOMB . BLVD	NEW RIVER	
PH (IN LAS NOT PLANT)	8.8			7.4	7.6	8.1	8.5	8.6	
PHENOLTHALEIN ALKALINITY	4			0	0	0	6	10	
METHYL ORANGE LLKALINITY	50			160	180	170	60	116	
CARBONATES AS CaCO ₃	8			0	0	0	12	20	4-31-11-11-11-11-11-11-11-11-11-11-11-11-
CO 3	42			160	180	170	48	96	
CHLORIDES AS C1	10			20	16	50	14	60	
HARDNESS AS CaCO ₃	60			56	46	56	60	44	
RON AS Fe			A.A	NowA					
FLUORIDE PM	1.10			0.16	0.14	0.12	0.93	0.51	
CHLORINE RESIDUAL	1.0			1,2	1.4	1.0	1.2	0.8	
TURBIDITY PM	0.1			0.2	0.1	0.1	0.2	0.3	
TOTAL PHOSPHATE									
OHTHO PHOSPHATE									
META PHOSPHATE			1						
STABILITY	10.5			-0.6	-0.4	0.0	40.2	16.2	
REMARKS '									СОРУ ТО
									UTIL DIR
•									O WATER TREATMENT
NOTE: All results reported and specific conductions	in parts per millio	on unless otherwise	noted except for ph	H, temperature,	LABORATORY AN	ALYSIS BY			□ PMU □ MCAS PM
and specific conduc	ctance one mer	or potable water is	addition to weigh	One knogram	H.J. 13	BURNS			O NREAD O FILE



MCBC Constant She con		DEMINIEN TE					DATE COLLECTE	87	DATE OF ANA	-87
PARAMETER STRIPE ON - 6	HADNOT POINT -241	CAMP JOHNSON -045	TARAWA TERRACE -044	ONSLOW BEACH -048	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD -043	NEW RIVER		
PH (IN LAW NOT PLANT)	7.8			7.7	7.9	8.1	9.2	8.4		
PHENOLTHALEIN ALKALINITY	0			0	0	0	4			
METHYL ORANGE ALKALINITY	62							10		
CARBONATES AS CaCO ₃				162	176	192	56	102		
BONATES	0			0	0	0	8	20		
AS CaCO ₃	62			162	176	192	48	82		
CHLORIDES AS C1	14			26	16	64	16	58		
HARDNESS AS CaCO ₃	68			32	64	70	66	70		
RON AS Fe			90	Down	1 11 11 11			10		
LUORIDE	0.95		14.17,				0.90	1		
CHLORINE RESIDUAL	0.81			0.14	0.1	0.1	0.89	0.46		
ma	0.3			1.5	1.0	1.0	1.4	0,8		
TURBIDITY PM	0.4			0.1	0.2	0.3	0.2	6.2		
PHOSPHATE										
PRTHO PHOSPHATE										
META PHOSPHATE										
TABILITY	-0,2			-0.2	-0.2	0.0	+1.0	0.0		
EMARKS					<u> </u>		1 110	10.0	COPY TO:	
,									D UTIL DIR	0
			The second			<u>.</u>			□ WATER TE	
OTE: All results reported i	n parts per million	unless otherwise no	oted except for pH.	temperature.	ABORATORY ANAL	YSIS BY			4	□ MCAS PML
and specific conduc	tance. One liter of	potable water is a	ssumed to weigh o	one kilogram.						
					HJIB	UKN			☐ NREAD	D FILE

