



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

IN REPLY REFER TO:

6286/1  
NREAD  
26 Oct 87

From: Director, Natural Resources and Environmental Affairs  
Division, Marine Corps Base, Camp Lejeune  
To: Base Maintenance Officer, Marine Corps Base, Camp Lejeune  
(Attn: Utilities Director)

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

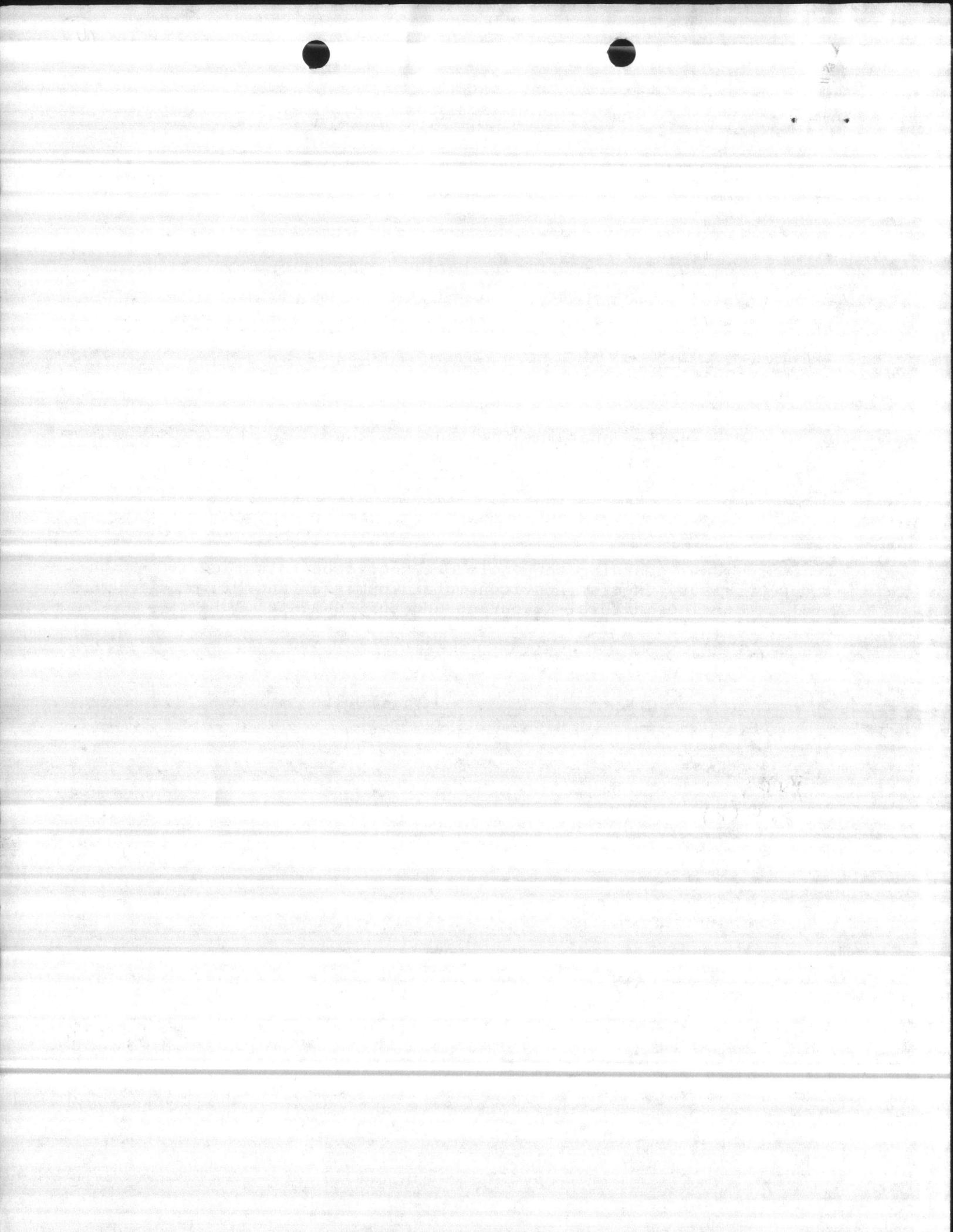
Encl: (1) Monthly Report of Wastewater Treatment Plant Water  
Quality

1. It is requested that the enclosure be routed to the Utilities Systems General Foreman. The enclosure summarizes the subject data generated by the Environmental Chemistry and Microbiology Laboratory and contract laboratories for the seven wastewater treatment plants aboard the Camp Lejeune complex for the month of September 1987.

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

J. I. WOOTEN

BCC:  
Lab (2)

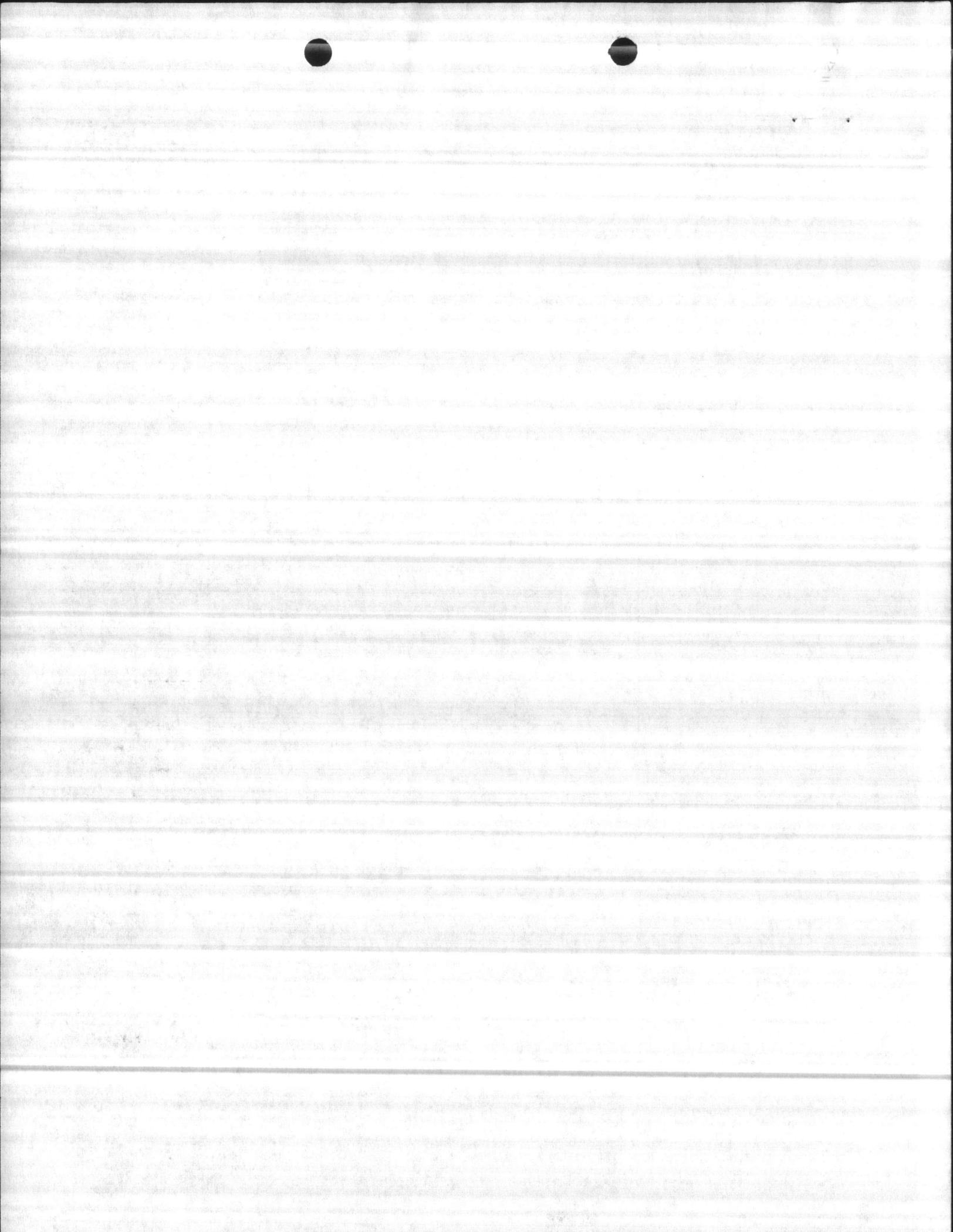


ENVIRONMENTAL CHEMISTRY + MICROBIOLOGY LABORATORY REPORT  
 MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY  
 MCRCL 11245/6 (REV. 9-86)

PLANT RIFLE RANGE				NPDES PERMIT No. NC 0063037				MONTH SEPTEMBER		YEAR 1987	
DATE	00310 5 DAY 20°C BOD			00610 AMMONIA	00530 TOTAL SUSPENDED RESIDUE			COLIFORM	00856 OIL + GREASE	00600 TOTAL NITROGEN	00645 TOTAL PHOSPHORUS
	INFLUENT MG/L	EFFLUENT MG/L	%	EFFLUENT MG/L	INFLUENT MG/L	EFFLUENT MG/L	%	EFFLUENT MP/100 ML	EFFLUENT MG/L	EFFLUENT MG/L	EFFLUENT MG/L
1											
2	LAB ERROR			0.6	172	4	98	0			
3											
4											
5											
6											
7	HOLIDAY	-	-	-	-	-	-	-			
8									0.1		
9	26	4	85		256	7	97	0			0.8
10				0.02							
11											
12											
13											
14											
15											
16	40	4	90		96	2	98	0			
17				0.12							
18											
19											
20											
21											
22											
23	58	3	95	0.07	48	3	94	0			
24											
25											
26											
27											
28									1.0		
29											
30	44	5	89	0.10	30	6	80	2			
31											
TOTAL	168	16		.37	602	22			1.1		0.8
AVERAGE	42	4	90	0.07	120	4	97	1.14	0.6		0.8
MAXIMUM	58	5		0.12	256	7		2	1.0		0.8
MINIMUM	26	3		0.06	48	2		0	0.1		0.8
COMP (C) CRAB (G)	C	C		C	C	C		G	G	C	C
MONTHLY LIMIT		30				30		14	30		

INSTRUCTIONS:

1. Complete this form in ink, neatly and clearly or it will be typed.
2. Head the form with plant name, permit number, month & year. Indicate Total or Fecal in Coliform heading. Add the appropriate monthly limits at the bottom.
3. At the end of the month, calculate totals, averages, maximums and minimums.
4. Submit completed forms to laboratory supervisor by the 10th of the following month.

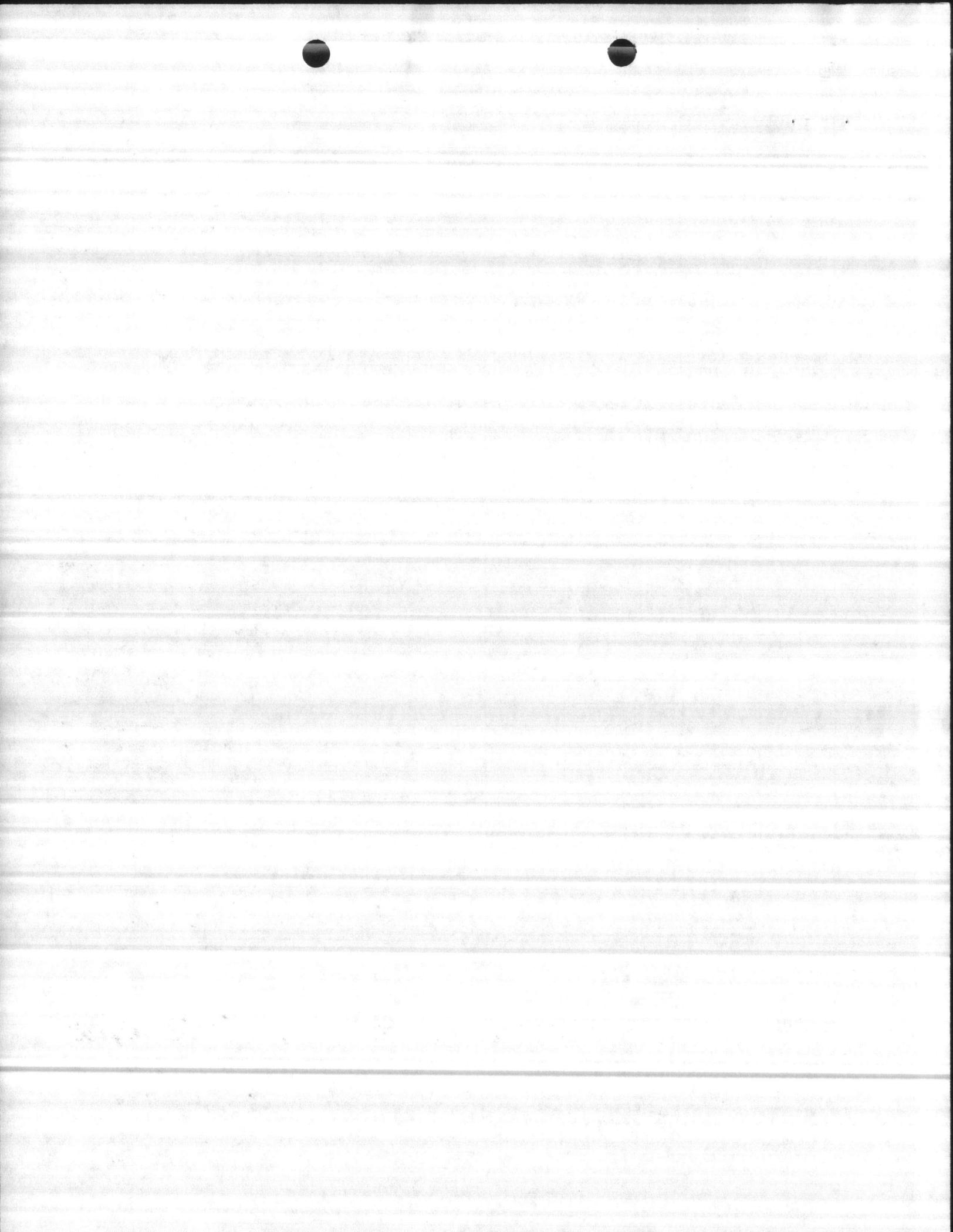


ENVIRONMENTAL CHEMISTRY + MICROBIOLOGY LABORATORY REPORT  
 MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY  
 MCBCL 11345/6 (REV. 9-86)

PLANT				NPDES PERMIT No.				MONTH		YEAR	
ON SLOW BEACH				N.C. 0063053				SEPTEMBER		1987	
DATE	00310 5 DAY 20°C BOD			00610 AMMONIA	00530 TOTAL SUSPENDED RESIDUE			COLIFORM	00856 OIL + GREASE	00600 TOTAL NITROGEN	00665 TOTAL PHOSPHORUS
	INFLUENT MG/L	EFFLUENT MG/L	%	EFFLUENT MG/L	INFLUENT MG/L	EFFLUENT MG/L	%	EFFLUENT MP/100 ML	EFFLUENT MG/L	EFFLUENT MG/L	EFFLUENT MG/L
1											
2											
3	200	4	98	0.15	84	2	98	0			
4											
5											
6											
7	HOLIDAY										
8									1.4		
9											
10	218	6	97	0.20	103	4	96	0			
11											
12											
13											
14											
15											
16											
17	94	4	96	0.21	88	4	95	0			
18											
19											
20											
21											
22											
23											
24	192	7	96	0.13	72	4	94	0			
25											
26											
27											
28									1.3		
29											
30											
31											
TOTAL	704	21		0.69	347	14					
AVERAGE	176	5	97	0.17	87	3	96	0			
MAXIMUM	218	7		0.21	103	4		0			
MINIMUM	94	4		0.13	72	2		0			
COMP (C) GRAB (G)	C	C		C	C	C		G	G	C	C
MONTHLY LIMIT		30				30		14	30		

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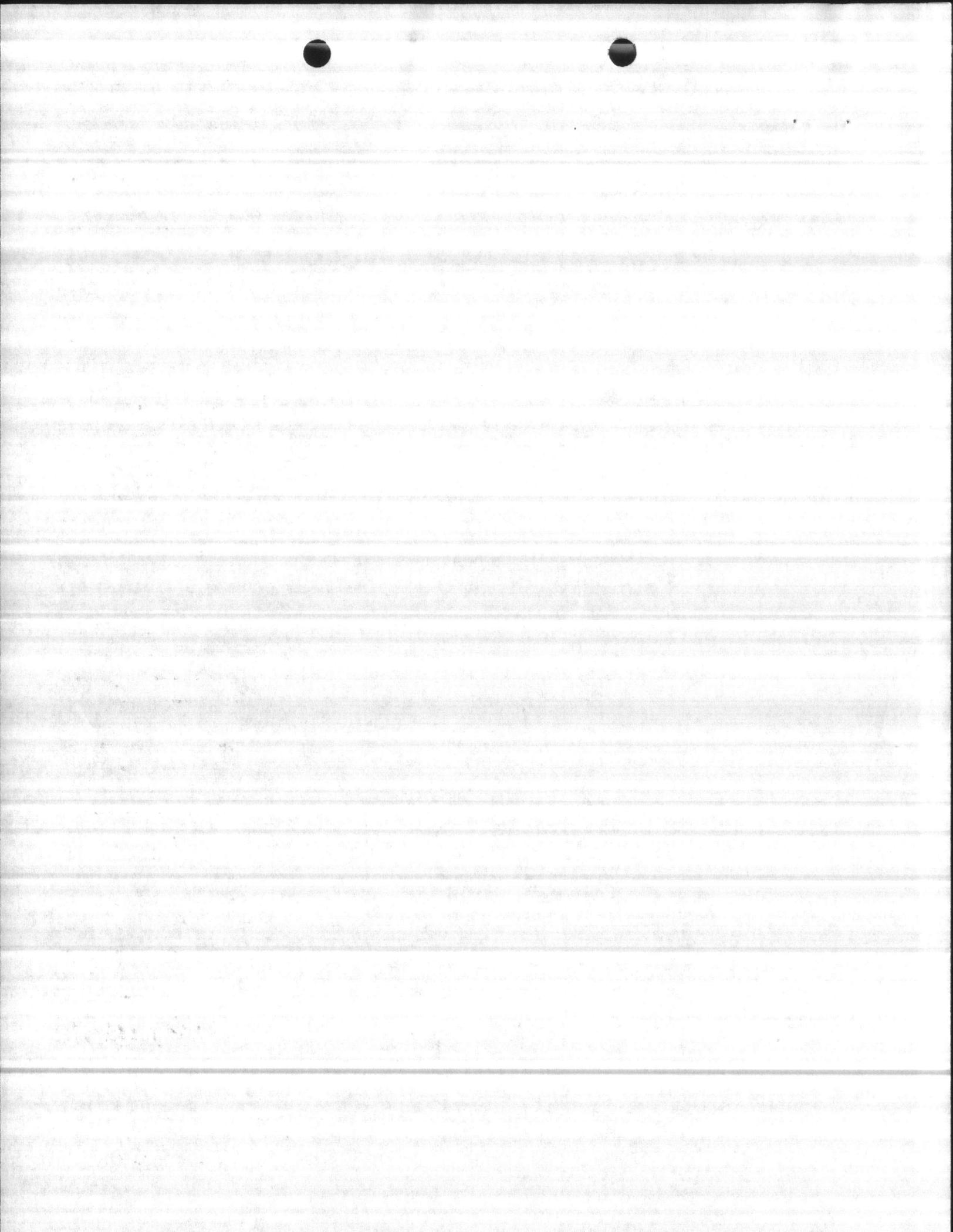


ENVIRONMENTAL CHEMISTRY + MICROBIOLOGY LABORATORY REPORT  
 MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY  
 MCBCL 11345/6 (REV. 9-86)

PLANT				NPDES PERMIT No.				MONTH		YEAR	
COURTHOUSE 13A4				NC0063045				SEPTEMBER		1987	
DATE	00310 5 DAY 20°C BOD			00610 AMMONIA	00530 TOTAL SUSPENDED RESIDUE			COLIFORM	00866 OIL + GREASE	00600 TOTAL NITROGEN	00645 TOTAL PHOSPHORUS
	INFLUENT MG/L	EFFLUENT MG/L	%	EFFLUENT MG/L	INFLUENT MG/L	EFFLUENT MG/L	%	EFFLUENT MF/100 ML	EFFLUENT MG/L	EFFLUENT MG/L	EFFLUENT MG/L
1	LAB ERROR			1.1	40	6	85	0			
2											
3											
4											
5											
6											
7	Holiday	—	—	—	—	—	—	—			
8	80	4	95		76	5	93	0	0.0		
9				0.06							
10											
11											
12											
13											
14											
15	240	4	98	0.09	124	2	98	0			
16											
17											
18											
19											
20											
21											
22	46	3	93	0.10	44	3	93	0			1.4
23											
24											
25											
26											
27											
28									0.5		
29	108	6	94	0.22	40	6	85	0			
30											
31											
TOTAL	474	17		1.57	324	22			0.5		1.4
AVERAGE	118	4	97	0.31	65	4	94	0	0.3		1.4
MAXIMUM	240	6		1.1	124	6		0	0.5		1.4
MINIMUM	46	3		0.06	40	2		0	0.0		1.4
COMP (C)	C	C		C	C	C		G	G	C	C
MONTHLY LIMIT		30				30		14	30		

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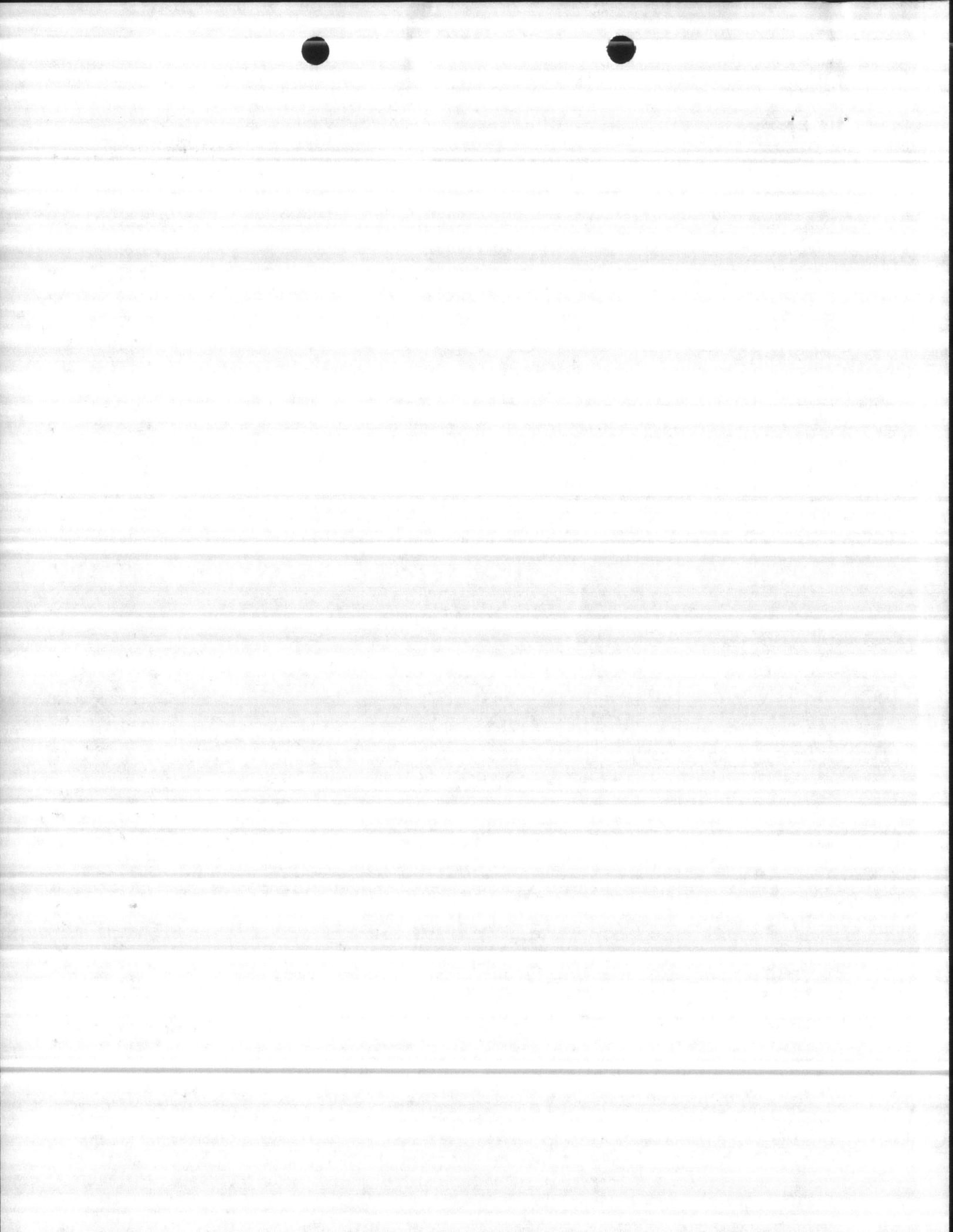


ENVIRONMENTAL CHEMISTRY + MICROBIOLOGY LABORATORY REPORT  
 MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY  
 MSBCL 11345/8 (REV. 9-86)

PLANT CAMP JOHNSON				NPDES PERMIT No. NC-0063011				MONTH SEPTEMBER		YEAR 1987	
DATE	00310 5 DAY 20°C BOD			00610 AMMONIA	00530 TOTAL SUSPENDED RESIDUE			COLIFORM	00856 OIL + GREASE	00600 TOTAL NITROGEN	00645 TOTAL PHOSPHORUS
	INFLUENT mg/L	EFFLUENT mg/L	%	EFFLUENT mg/L	INFLUENT mg/L	EFFLUENT mg/L	%	EFFLUENT MF/100 ML	EFFLUENT mg/L	EFFLUENT mg/L	EFFLUENT mg/L
1											
2											
3											
4	332	14	96	3.2	430	8	98	0			
5											
6											
7	HOLIDAY	—	—	—	—	—	—	—	—		
8											
9											
10											
11	225	4	98	3.1	260	6	98	0	1.6	9.8	
12											
13											
14	296	7	98	2.4	353	2	99	0			
15											
16											
17											
18	300	4	99	2.6	212	6	97	0			
19											
20											
21	403	8	98	2.2	153	5	97	0			
22											
23											
24											
25	255	12	95	3.1	280	4	99	0			
26											
27											
28	182	13	93	2.8	99	3	97	0	3.1		
29											
30											
31											
TOTAL	1993	62		25.4	1787	34			4.7	9.8	
AVERAGE	285	9	97	3.6	255	5	98	0	2.4	9.8	
MAXIMUM	403	14		3.8	430	8		0	3.1	9.8	
MINIMUM	182	4		2.2	99	2		0	1.6	9.8	
COMP (C)	C	C		C	C	C		G	G	C	C
GRAB (G)											
MONTHLY LIMIT		30			30			1000	30		

INSTRUCTIONS:

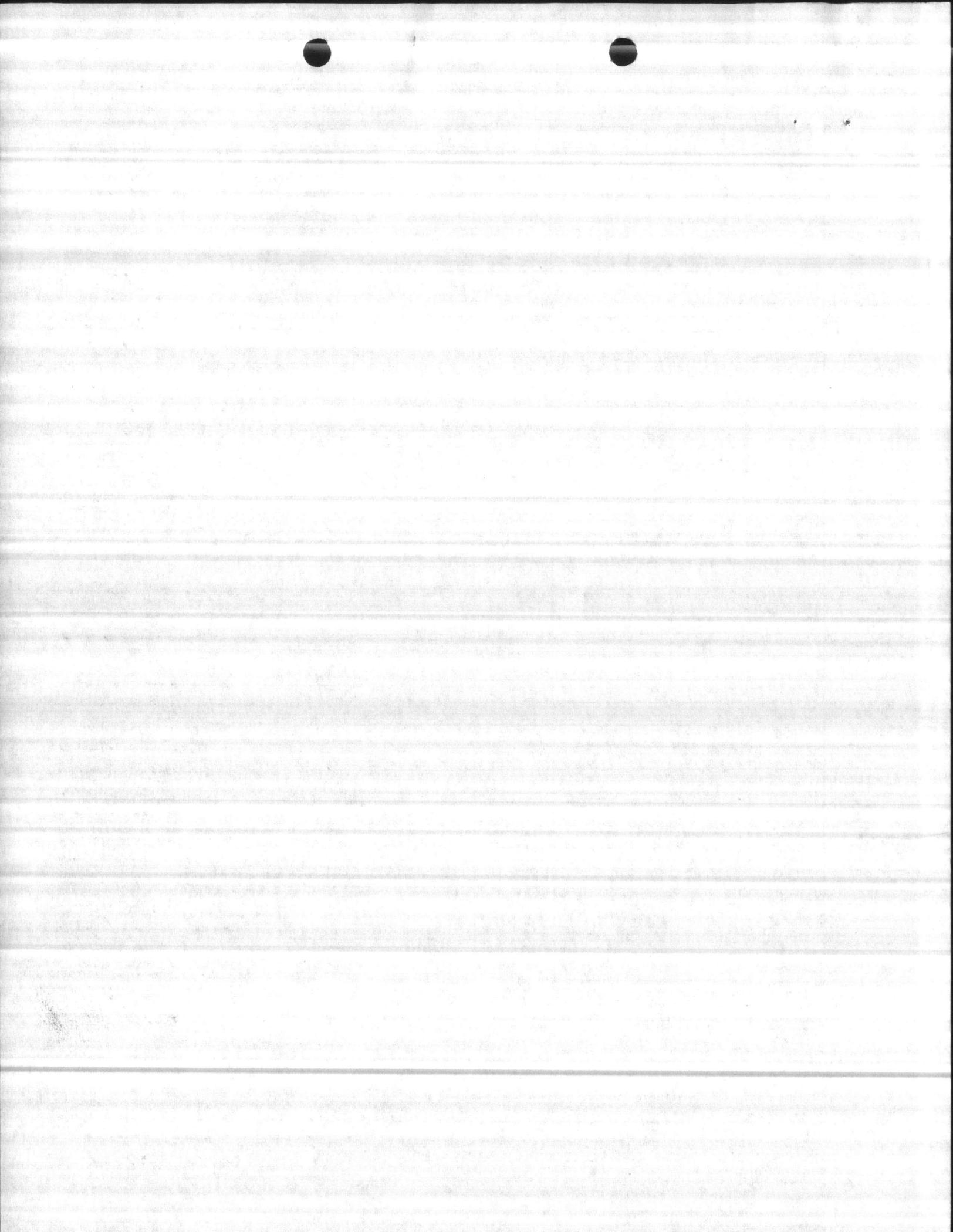
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MONTHLY REPORT OF WASTE TREATMENT PLANT WATER QUALITY  
 NCBCL 11345/6 (REV. 9-86)

PLANT			NPDES PERMIT No.					MONTH		YEAR	
TARAWA TERRACE			NC-0063002					SEPTEMBER		1987	
DATE	00310 5 DAY 20°C BOD			00610 AMMONIA	00530 TOTAL SUSPENDED SOLIDS			COLIFORM	00866 OIL & GREASE	00600 TOTAL NITROGEN	00645 TOTAL PHOSPHORUS
	INFLUENT MG/L	EFFLUENT MG/L	%	EFFLUENT MG/L	INFLUENT MG/L	EFFLUENT MG/L	%	EFFLUENT MP/100 ML	EFFLUENT MG/L	EFFLUENT MG/L	EFFLUENT MG/L
1	LAB	ERROR		1.2	147	7	95	0			
2	LAB	ERROR		2.6	136	15	90	140			
3	204	11	95	1.1	106	10	91	6			
4	160	12	93	1.2	96	11	89	10			
5											
6											
7	HOLIDAY										
8	136	9	93	1.2	94	6	94	14			
9	144	8	94	1.1	78	9	88	20			4.4
10	164	4	98	1.4	84	11	87	50		14.74	
11	205	9	96	4.2	124	11	91	0	1.2		
12											
13											
14	140	9	94	2.3	66	5	92	0			
15	152	8	95	2.3	80	5	94	0			
16	272	8	97	1.2	102	2	98	0			
17	208	10	95	1.0	235	10	96	0			
18	168	4	98	2.2	86	12	86	0			
19											
20											
21	248	12	95	1.8	255	9	96	0			
22	156	10	94	3.8	140	10	93	0			6.3
23	180	10	94	1.4	113	10	91	0			
24	164	7	96	0.8	2068	7	87	10			
25	172	11	94	1.4	96	7	93	0			
26											
27											
28	172	14	92	1.1	123	7	84	0	2.6		
29	168	12	93	4.3	78	8	90	0			
30	164	13	92	1.5	88	9	90	0			
31											
TOTAL	3377	181		39.1	2590	181			3.8	14.74	10.7
AVERAGE	178	9	95	1.9	123	9	93	2.42	1.9	14.74	5.4
MAXIMUM	272	14		4.3	268	15		140	2.6	14.74	6.3
MINIMUM	136	4		0.8	66	2		0	1.2	14.74	4.4
COMP (C) GEAR (G)	C	C		C	C	C		G	G	C	C
MONTHLY LIMIT		30				30		1000	30		

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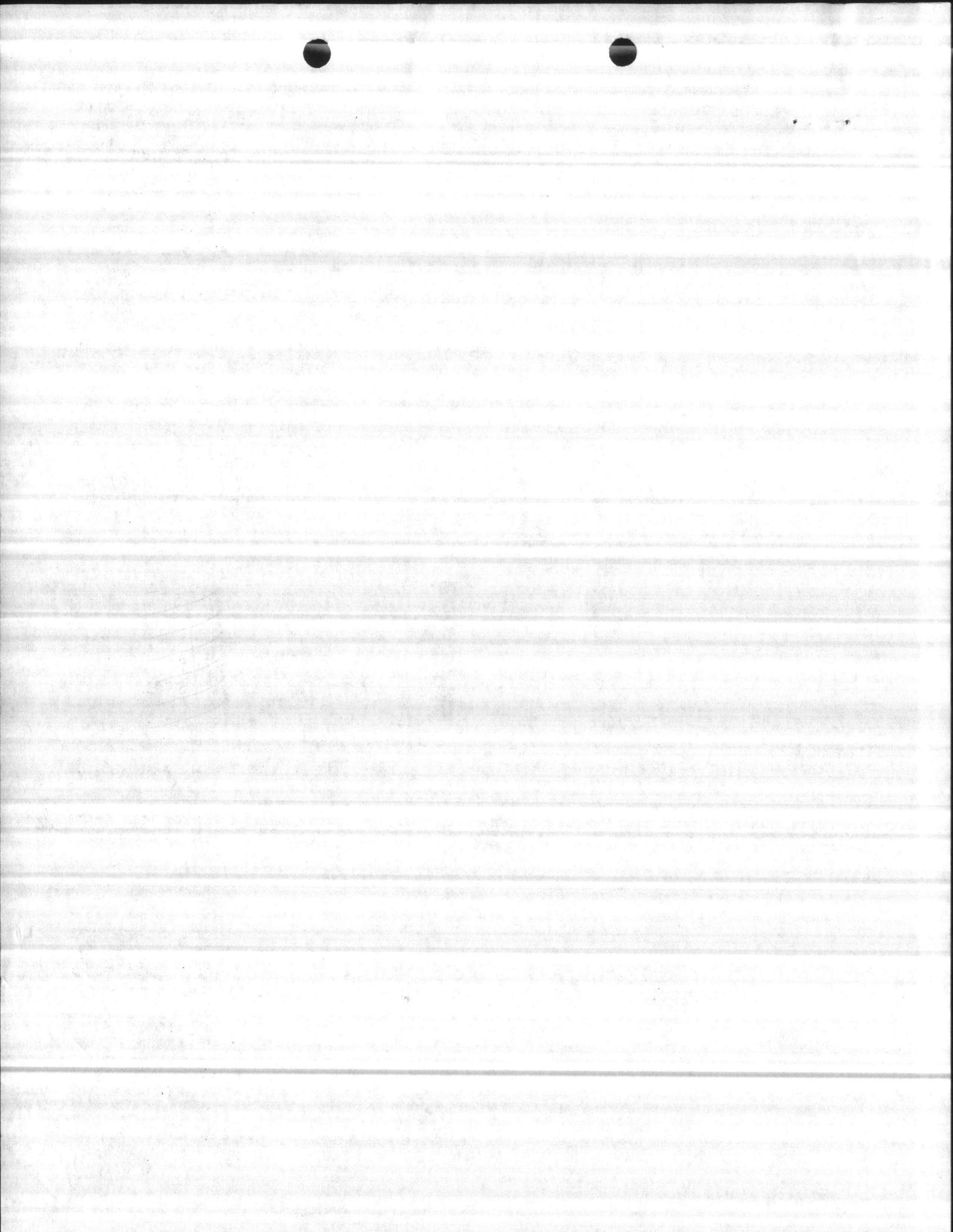


ENVIRONMENTAL CHEMISTRY + MICROBIOLOGY LABORATORY REPORT  
 MONTHLY REPORT OF WASTEWATER TREATMENT PLANT WATER QUALITY  
 MCBCL 11345/6 (REV. 9-86)

PLANT			NPDES PERMIT No.					MONTH		YEAR	
CAMP - GEIGER			00530					SEPTEMBER		1987	
DATE	00310 5 DAY 20°C BOD			00610 AMMONIA	00530 TOTAL SUSPENDED RESIDUE			00600 COLIFORM	00856 OIL + GREASE	00600 TOTAL NITROGEN	00605 TOTAL PHOSPHORUS
	INFLUENT MG/L	EFFLUENT MG/L	%	EFFLUENT MG/L	INFLUENT MG/L	EFFLUENT MG/L	%	EFFLUENT MF/100 ML	EFFLUENT MG/L	EFFLUENT MG/L	EFFLUENT MG/L
1	LAB	ERROR		9.8	292	7	98	820			
2	LAB	ERROR		9.4	220	10	95	36	56.11		
3	315	10	97	15.6	172	10	94	4			
4	176	7	96	13.5	166	6	96	84			
5											
6											
7	HOLIDAY										
8	216	5	98	3.6	128	4	97	12	1.0		
9	200	5	98	5.8	145	7	95	0			1.1
10	316	1	99	8.3	273	6	98	0		10.9	
11	280	9	97	9.2	459	8	99	0			
12											
13											
14	228	4	98	9.1	137	3	98	0			
15	174	2	99	6.5	148	2	99	0			
16	284	4	99	9.4	218	1	99	0			
17	204	6	97	11.6	150	9	94	0			
18	288	8	97	11.8	170	6	96	0			
19											
20											
21	212	6	97	7.8	158	2	99	0			
22	280	6	98	11.0	235	12	95	2			1.1
23	296	8	97	11.0	178	12	93	0			
24	188	11	94	10.2	113	9	92	0			
25	284	17	94	10.5	175	13	93	0			
26											
27											
28	296	10	96	4.3	93	2	98	0	5.7		
29	244	13	95	10.0	75	13	83	0			
30	309	10	97	12.5	209	7	97	0			
31											
TOTAL	4790	142		200.9	3913	149			6.7	10.9	2.2
AVERAGE	252	7	97	9.6	186	7	96	2.51	3.4	10.9	1.1
MAXIMUM	309	17		15.6	459	13		820	5.7	10.9	1.1
MINIMUM	174	1		3.6	75	1		0	1.0	10.9	1.1
COMP (C) GEAB (G)	C	C		C	C	C		G	G	C	C
MONTHLY LIMIT		30				30		200	30		

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

PLANT			NPDES PERMIT No.					MONTH		YEAR	
HADNOT POINT			NC-0063029					SEPTEMBER		1987	
DATE	00310 5 DAY 20°C BOD			00410 AMMONIA	00530 TOTAL SUSPENDED RESIDUE			COLIFORM	00854 OIL + GREASE	00600 TOTAL NITROGEN	00645 TOTAL PHOSPHORUS
	INFLUENT MG/L	EFFLUENT MG/L	%	EFFLUENT MG/L	INFLUENT MG/L	EFFLUENT MG/L	%	EFFLUENT MP/100 ML	EFFLUENT MG/L	EFFLUENT MG/L	EFFLUENT MG/L
1	LAB	ERROR		3.2	108	8	93	0			
2	LAB	ERROR		3.3	116	7	94	0			
3	196	11	94	3.5	144	10	93	2			
4	156	11	93	2.8	124	8	94	0			
5											
6											
7	HOLIDAY										
8	112	9	92	0.9	160	12	93	0			
9	208	5	98	2.9	148	8	95	0			3.9
10	180	9	95	3.2	106	11	90	2		19.4	
11	172	9	95	3.2	90	8	91	0	0.5		
12											
13											
14	188	10	95	1.5	190	9	95	0			
15	164	9	95	1.8	450	7	99	0			
16	136	7	95	2.6	191	6	97	0			
17	196	8	96	3.9	570	12	98	0			
18	196	5	97	2.7	144	11	92	0(1.11)			
19											
20											
21	160	9	94	1.8	73	8	89	0			
22	148	15	90	3.6	110	10	91	4			
23	160	16	91	4.4	108	12	89	2			3.9
24	140	21	85	4.7	148	12	92	10			
25	130	15	88	5.0	68	8	88	1			
26											
27											
28	156	11	93	2.3	135	10	93	0	2.9		
29	256	12	95	4.7	178	14	92	4			
30	164	10	94	5.5	385	9	89	0			
31											
TOTAL	3218	202		67.5	3446	200			3.4	19.4	7.8
AVERAGE	169	11	93	3.2	164	95	94	1.41	1.7	19.4	3.9
MAXIMUM	256	21		5.5	450	14		10	2.9	19.4	3.9
MINIMUM	112	5		0.9	68	6		0	0.5	19.4	3.9
COMP (C) GRAB (G)	C	C		C	C	C		G	G	C	C
MONTHLY LIMIT		22		13		30		14	30		

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