FILE FOLDER

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130

ARAMETER	HADNOT POINT	CAMP JOHNSON	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE	HOLCOMB BLVD	NEW RIVER	
1	8.1	7.5	9.0	7.4	8.1	8.3	8.7	8.8	
HENOLTHALEIN LKALINITY	D	0	8	0	٥	4	4	8	The surface of the second section of the se
ETHYL ORANGE LKALINITY	54	186	44	160	184	160	52	176	
ARBONATES AS CaCO3	D	0	16	0	0	8	8	16	
ICARBONATES S CaCO ₃	54	186	28	160	184	152	44	160	
HLORIDES AS C1	12	10	16	18	18	54	14	72	
ARDNESS AS CaCO ₃	62	54	68	160	54	60	60	56	0/
RON AS Fe	40.04	0.18	40.04	0,29	40.04	40.04	20,04	10.04	h K
LUORIDE AM	0.77	0.12	0.60	0.11	0.09	0.08	0.84	0.58	
HLORINE RESIDUAL	1.0	10	1.1	1.1	1.4	1.0	0.8	0.8	6/12
URBIDITY PM	0.2	1.5	1.5	0.5	0.4	0.1	0.3	0.2	X
OTAL PHOSPHATE		2.2					P. P. P.		11,
ORTHO PHOSPHATE		1.0							\ \
META PHOSPHATE		1.2							
STABILITY	-0.4	-0.6	+0.9	-0.5	-0.2	0.0	+0.2	1+0.1	
REMARKS									сору то:
		A 6	0 ,						UTIL DIR G
		OB -	Pand p	H = 7.	8				WATER TREATMENT
NOTE: All results reported	in parts per millio	n unless otherwise	noted except for p	oH, temperature,	LABORATORY AN	IALYSIS BY			PMU D'MCAS PMU
and specific condu	uctance. One liter	of potable water i	s assumed to weig	h one kilogram.	Burrs		L		D NREAD DELLE

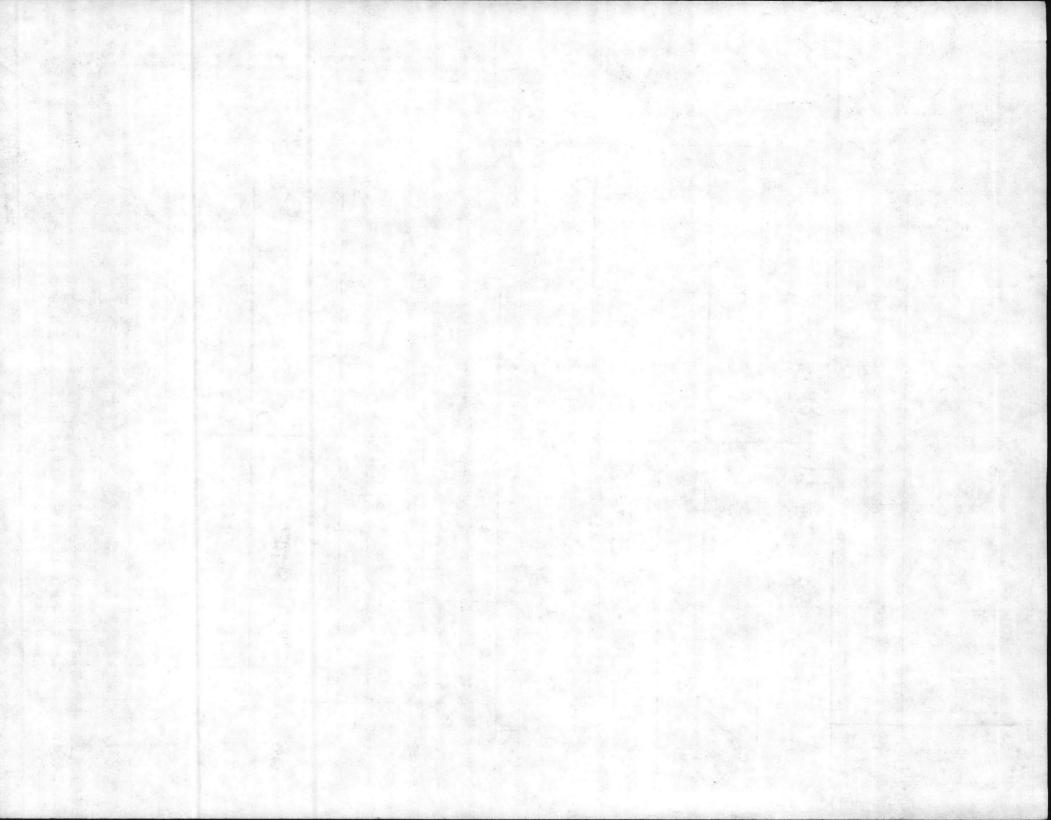


ARAMETER	HADNOT POINT	CAMP JOHNSON	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE	RIFLE	HOLCOMB	NEW RIVER		
	9.4	7.2	4.4	7.4	7.9	8.0	8.3	8.5		
IENOLTHALEIN KALINITY	4	0	4	0	0	0	0	10 .		
ETHYL ORANGE KALINITY	56	174	50	174	178	168	74	144		
RBONATES AS CaCO ₃	8	0	8	0	0	0	٥	20		
CARBONATES CaCO ₃	48	174	42	174	178	168	74	124		
ILORIDES AS C1	12	12	16	18	18	48	10	56		
ARDNESS AS CaCO ₃	62	68	74	52	60	62	76	54		
ON AS Fe	10.04	0.21	0.06	0.17	40.04	40.04	40.04	0.05		
UORIDE DM	1.17	0.14	0.76	0.13	0.10	0.09	1.00	0.53		
HLORINE RESIDUAL	1.0	1.2	1.0	1.5	1,3	1.0	1.0	1.0		
PM PM	0.9	1.7	0.8	1.1	1.2	0.9	3,2	1.6		
OTAL PHOSPHATE		3.0								
RTHO PHOSPHATE		1.2								
ETA PHOSPHATE		1.8								
FABILITY	+0.6	-0.1	+0.6	-0.7	-0.1	-01	+0.2	+0.1		
EMARKS			Λ.		~ ~	4			сору то:	
		0. 6	. Yand	p# =	1.8				OTIL DIR	o
									WATER T	REATMENT
IOTE: All results reported and specific cond	d in parts per millio	on unless otherwise	noted except for p	H, temperature,	LABORATORY AN	ALÝSIS BY		en a constant en al fres	PMU -	MCAS PMU

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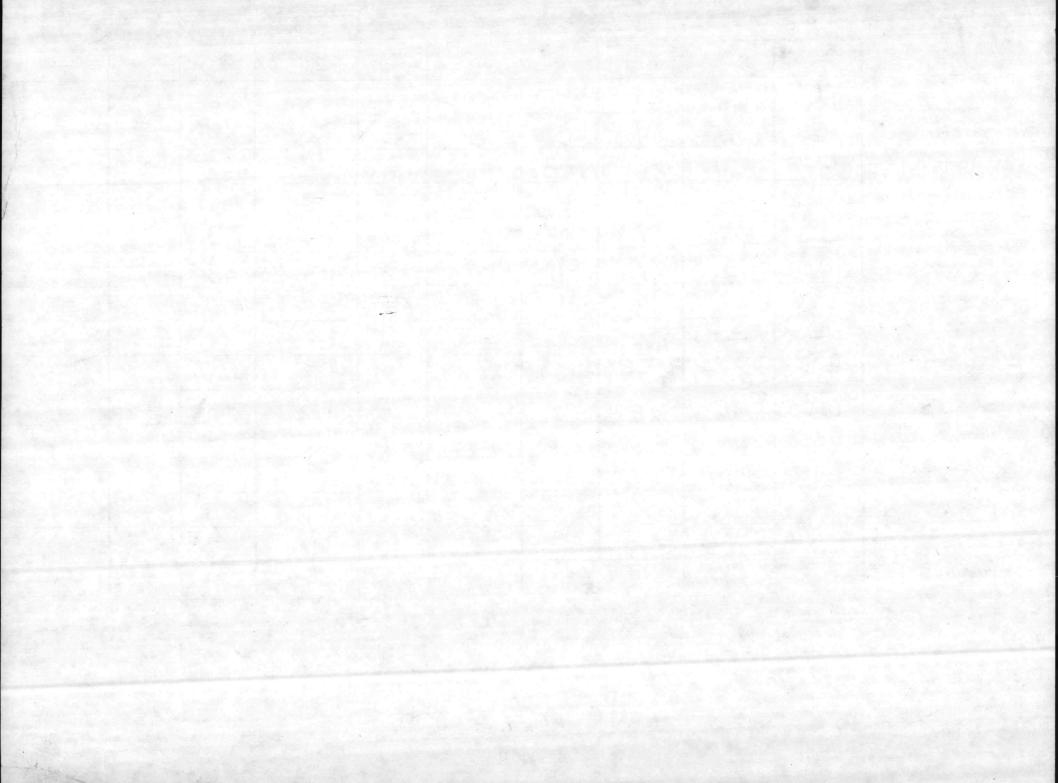
CHEMICAL ANALYSIS	S — WATER TE	REATMENT PLA	NTS				DATE COLLECTED	87	DATE OF ANALYSIS 87
ARAMETER	HADNOT POINT	CAMP JOHNSON	TARAWA TERRACE	ONSLOW	COURTHOUSE	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
PH .	8.4	П. 4	9.0	7.4	8.2	8.3	SAMPLE	8.9	
PHENOLTHALEIN ALKALINITY	4	0	4	0	٥	4		20	
METHYL ORANGE	74	176	44	156	174	154		148	
CARBONATES AS CaCO ₃	8	0	8	0	۵	8		40	
BICARBONATES AS CaCO ₃	66	176	36	156	174	146		108	
CHLORIDES AS C1	10	12	16	20	16	44		56	
HARDNESS AS CaCO ₃	68	62	64	54	60	64		10	
RON AS Fe	4			AA	Down	4			7
FLUORIDE PM	1.14	0.17	1.60	0.15	0.12	0.10	Modern Control	0.55	
CHLORINE RESIDUAL	1.1	1.2	1.0	1.1	1.4	1.0	型 (A)	0.8	
TURBIDITY PM	0.7	1,1	1.9	0.6	0.3	1.0		0.7	
TOTAL PHOSPHATE		2.4							30.00
ORTHO PHOSPHATE		1.0						10	
META PHOSPHATE		1.4					Control of the Contro		
STABILITY	+0.8	- 0.5	+1.4	-0.5	+0.1	+0.5	1	+0.8	
REMARKS			0 ,	011 -	0 1				СОРУ ТО:
7.2		OB	fond	PH=	8.1				UTIL DIR 🗆
									WATER TREATMENT
NOTE: All results reported	d in parts per millio	on unless otherwise	noted except for	pH, temperature,	LABORATORY AN	ALYSIS BY			PMU MCAS PML
and specific cond	luctance. One liter	of potable water is	assumed to weig	gh one kilogram.	H. Bu	ANS 0	+ L. Las	næ-	□ NREAD



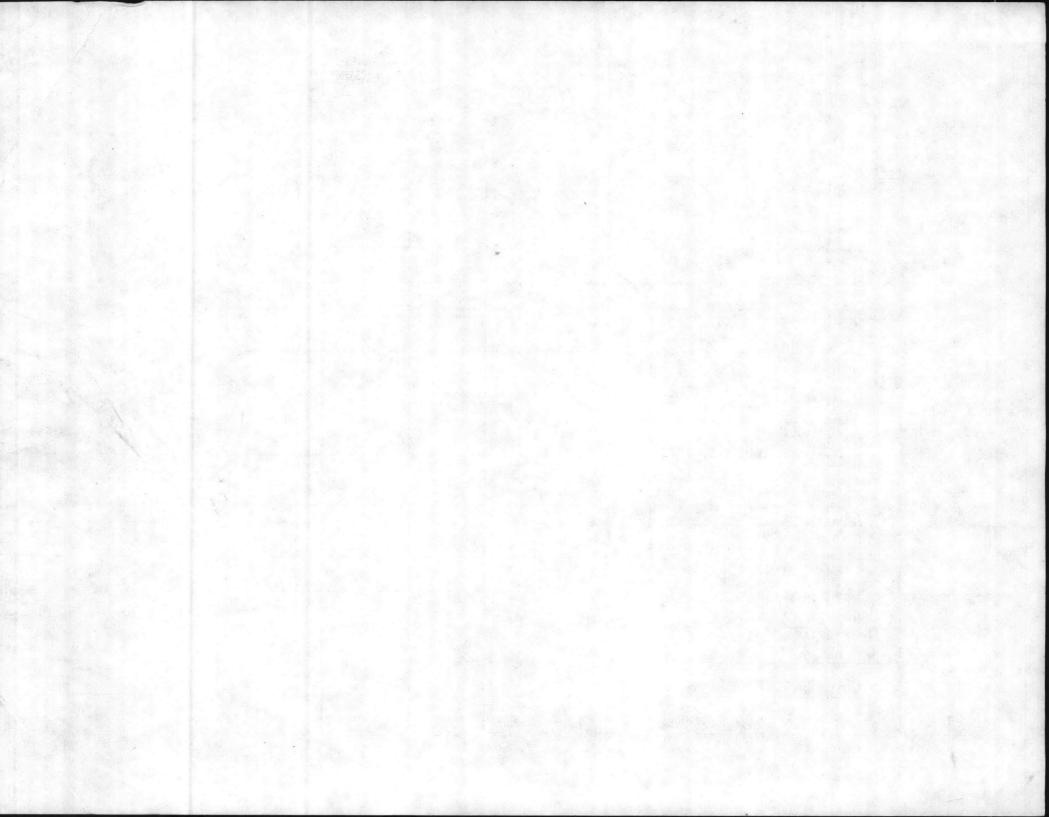
CHEMICAL ANALYSI MCBCL 11330/3 (REV. 6-84)	5 — WAIER I	REALMENT PL	ANIS		ago sun	7	3-10-9		DATE OF ANA 3-10	-87
PARAMETER	HADNOT POINT	CAMP JOHNSON	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER		
РН	8.5	7.5	8.7	7.5	8.1	8.3	8.9	8.8		
PHENOLTHALEIN ALKALINITY	2	0	4	0	0	2	6	8		
METHYL ORANGE ALKALINITY	50	164	60	150	166	160	56	130		
CARBONATES AS CaCO3	4	0	8	0	0	4	12	16	Sth. Ak	
BICARBONATES AS CaCO 3	46	164	52	150	166	156	44	114		
CHLORIDES AS C1	14	10	10	20	10 -	50	10	60	teries o	
HARDNESS AS CaCO3	64	60	70	58	54	60	66	42		
RON AS Fe			A.A.	DOWN			-	1:-		
FLUORIDE P. M.	0.76	0.17	0.77	0.13	0.10	0.09	0.95	0.54		100
CHLORINE RESIDUAL	1.1	1.0	0.9	1.1	1.2	1.0	1.2	0.8		
TURBIDITY P. M	0.1	1.5	0.8	0.2	0.1	0.1	0.2	0.7		
TOTAL PHOSPHATE		2.18								
ORTHÖ PHOSPHATE		1.03								Section 1
META PHOSPHATE		7.15	*							
STABILITY	10.2	-0.6	+0.5	-0.7	-0.1	0.0	+0.6	10.1		

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WATER TREATMENT



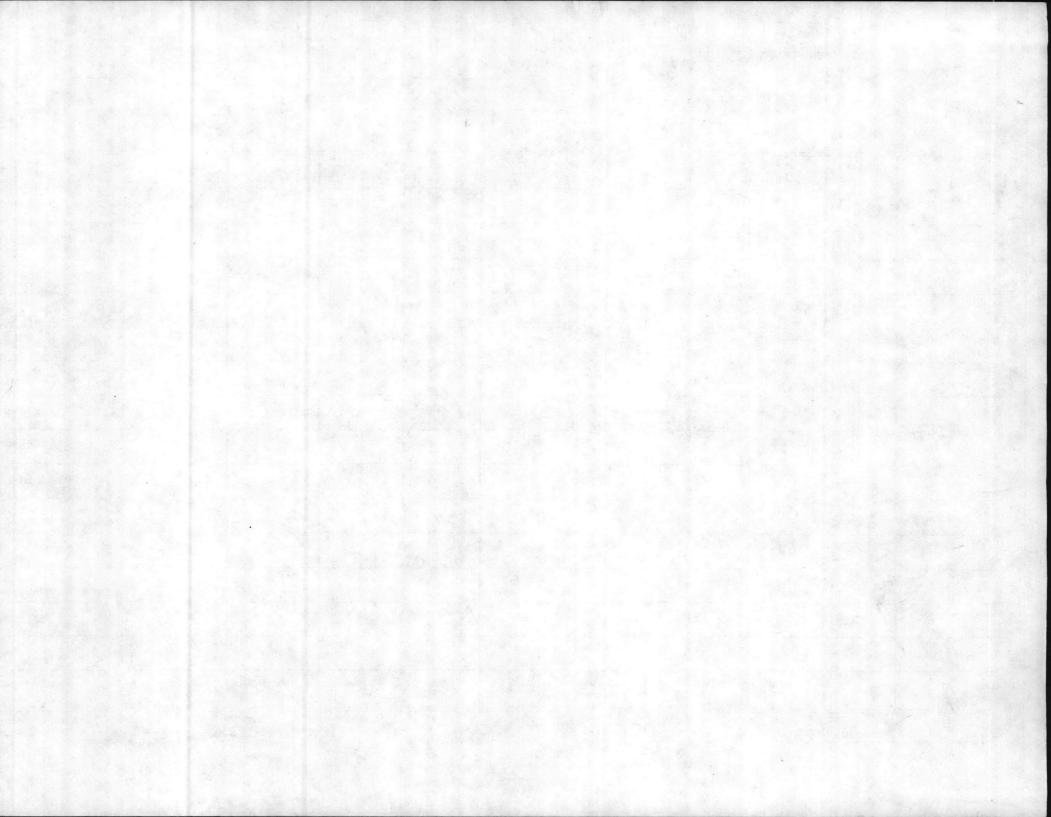
CHEMICAL ANALYSIS MCBCL 11330/3 (REV. 6-84)	S — WATER TE	REATMENT PL	ANTS				DATE COLLECTED		DATE OF ANAL	487
ARAMETER	HADNOT POINT	CAMP JOHNSON	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER		
РН	8.4			7.4	8.1	8.2	8.4	8.8		
PHENOLTHALEIN ALKALINITY	4			0	0	. 4	4	20		
METHYL ORANGE	70			160	174	156	56	130		
CARBONATES AS CaCO3	8			0	0	8	8	40		
BICARBONATES AS CaCO ₃	62			160	174	148	48	90	10000	
CHLORIDES AS C1	10			18	20	50	10	60.		
HARDNESS AS CaCO ₃	74			64	54	54	68	48	America	
RON AS Fe		20 E 20		A.A.	DOWN		-	-		
FLUORIDE P.M.	0.65			0.14	0.11	0.09	0.98	0.52		
CHLORINE RESIDUAL	1.1			1.2	1.2	1.0	1.1	0.8		
TURBIDITY A.M.	1.2			0.1	0.1	01	0.2	1.1		
TOTAL PHOSPHATE										
ORTHO PHOSPHATE	9.									
META PHOSPHATE			1						4.	
STABILITY	+0.4		1	-0.6	-0.1	-0.1	10.2	+0.2		
REMARKS				in distant					COPY TO:	
6	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1			- 144 - 15					DUTIL DIR	0
1									WATER T	REATMENT
NOTE: All results reported and specific condu					H.J.B	ALYSIS BY			Q PMU	D'MCAS PMU
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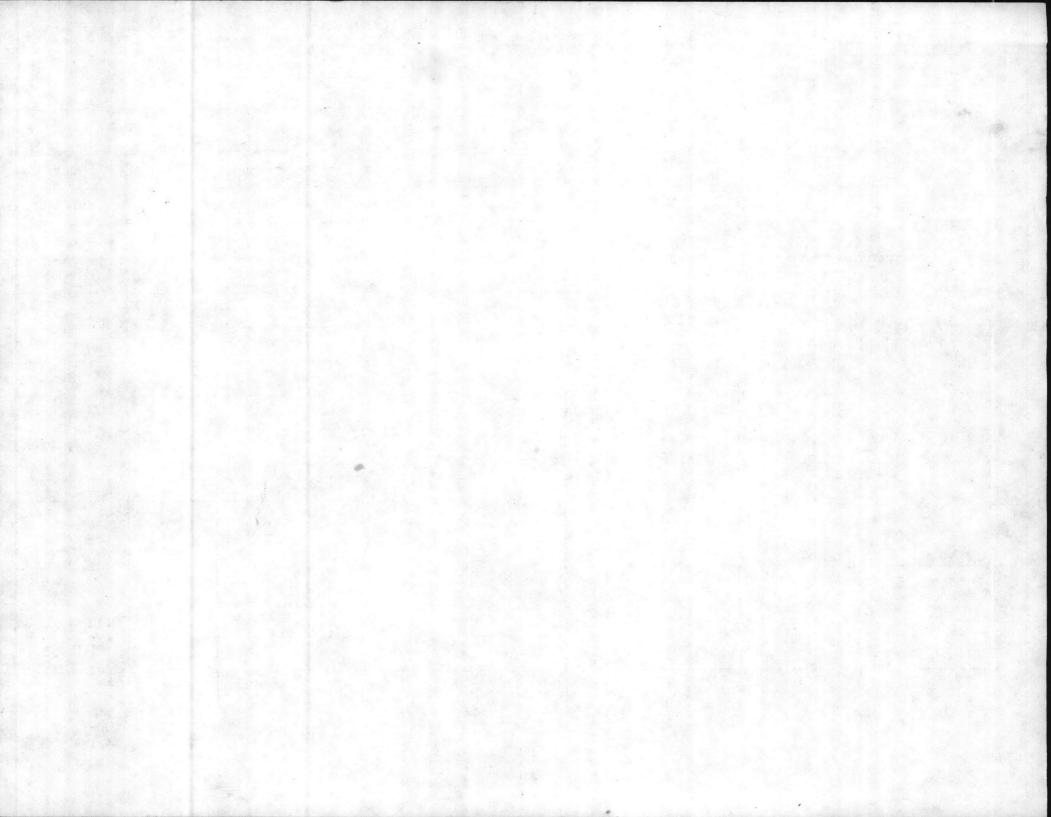
CHEMICAL ANALYSIS MCBCL 11330/3 (REV. 6-84)	S — WATER TR	REATMENT PLA	ANTS				3-31-87		DATE OF ANAL	YSIS 7
ARAMETER	HADNOT POINT	CAMP	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER		•
PH .	7.9			7.5	8.1	7.8	8.3	8.7		
PHENOLTHALEIN ALKALINITY	0		_t;	0	0	0	2	16		
METHYL ORANGE	56			168	194	186	58	148		
CARBONATES AS CaCO3	0			0	0	0	4	32		
BICARBONATES AS CaCO ₃	56			168	194	186	54	116		
CHLORIDES AS C1	6			26	16	48	10	60		
HARDNESS AS CaCO ₃	60			5-4	60	62	66	44		
RON AS Fe	N ²		AA	15	DOW	N				
FLUORIDE AM / PM	0.19/0.17			0.14	0.12	0.11	0.92/0.93	0.58		
CHLORINE RESIDUAL	1.0		1	1.2	1.2	1.1	1.5	0.8		
TURBIDITY AM /PM	0.1/0.7			0.1	0.1	0.1	0.1/0.1	0.2		
TOTAL PHOSPHATE										
ORTHO PHOSPHATE										
META PHOSPHATE	,								1	
STABILITY	-0.4			-0.6	-0.2	-0.5	-0.1	0	1	
REMARKS PH	OB PONS	0 = 7.8							COPY TO:	
									UTIL DIR	Tall I
NOTE: All results reported	I in parts per million	unless otherwise r	oted except for pH	, temperature.	LABORATORY ANA	LYSIS BY			₽ PMU	MCAS PMU
	uctance. One liter o				77:	1			1	4 ,

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CHEMICAL ANALYSIS MCBCL 11330-3 (REV. 6-84)	S - WATER T	REATMENT PL	ANTS		7		DATE COLLECTED 4 - 21 - 8	37	DATE OF ANAL	.YSIS -87
ARAMETER	HADNOT POINT	CAMP JOHNSON	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE	HOLCOMB BLVD	NEW RIVER		,
н	8.8			7.4	7.6	8.1	8.5	8.6		
HENOLTHALEIN LKALINITY	4			0	0	0	6	10		
ETHYL ORANGE LKALINITY	50			160	180	170	60	116		
ARBONATES AS CaCO ₃	8			0	0	0	12	20		
ICARBONATES S CaCO 3	42			160	180	170	48	96		
HLORIDES AS C1	10			20	16	50	14	60		
ARDNESS AS CaCO ₃	60			56	46	56	60	44		
RON AS Fe					OWA	3.6	00			
LUORIDE A.M.	1.10			0.16	0.14	0.12	0.93	0.51		
HLORINE RESIDUAL	1.0	18.54		1.2	1.4	1.0		0.8		
URBIDITY A.M.	0.1		2 11 1	0.2	6.1	0.1	0.2	0.3	130	
OTAL PHOSPHATE				0.2		0.1	0.2	0.0		
RTHO PHOSPHATE										
ETA PHOSPHATE										
TABILITY	+0.5			-0.6	-0.4	0.0	+0.2	+0.2		di.
EMARKS				1 3.0			10.2	170.6	COPY TO:	
									DUTIL DIR	0
									WATER TE	REATMENT
OTE: All results reported and specific conduc	in parts per million stance. One liter of	n unless otherwise r	noted except for phassumed to weigh	t, temperature.	LABORATORY ANA	LYSIS BY			PMU	MCAS PMU
					14.1.10	2014			☐ NREAD	b/FILE



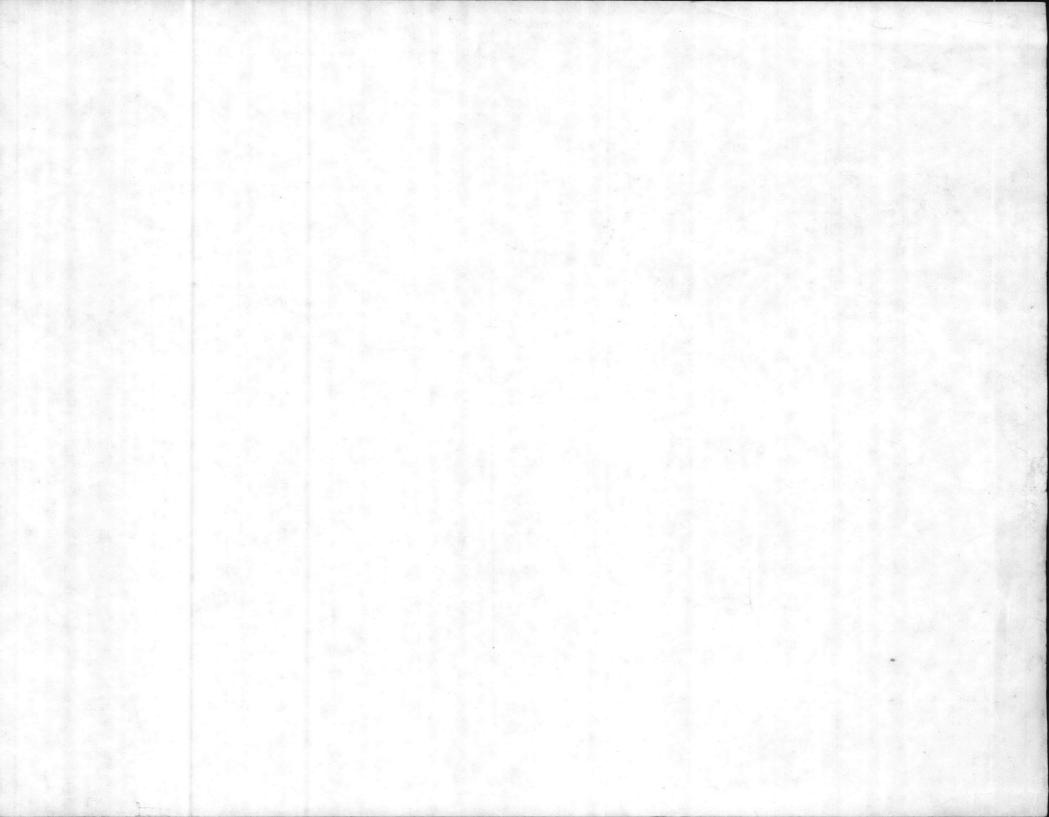
Fresical Analysi	I WATER	IREATMENT PI	LANTS				3-17-8	7	DATE OF ANALYSIS
BAMETER	HADNOT POINT	CAMP JOHNSON	TARAWA TERHACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
	8.2	8.2	8.6	7.6	8.3	8.4	8.6	8.8	
ENGLTHALEIN KALINITY	0	0	2	6	0	0	2	12	
HYL ORANGE ALINITY	58	66	58	162	178	162	52	144	
REDNATES AS CaCO ₃	C	0	4	0	0	D	4	24	
ARBONATES Caco ₃	58	66	54	162	178	162	48	120	
UNIDES AS C1	8	8	8	18	20	48	8	58	
IDNESS AS CACO3	66	64	66	60	68	56	66	54	
N AS Fe				AA	DOWN		*****		
5 M	0.25	0.65	D. 69	0.17	0.12	0.10	0.80	0.58	
ORINE RESIDUAL	1.0	1.0	1.0	1.2	1.2	1.1		0.1	
BIDITY PM	0.1	0.2	No SANIPLE	0.1	0.1	0.1	0.1	0.1	
A. Hirodraik		0.4							
···J PITOSPHATE		0.2							
A PhiCSPHATE		0.2							
	0.0	+0.2	+0.1	-0.4	+0.2	+0.1	+0.2	+0.5	
A-116 .									COPY TO
	OB	Pond	PH= 8	.0	Trat as				OTIL DIR
			1						1

conductance. One liter of potable water is assumed to weigh one kilogram.

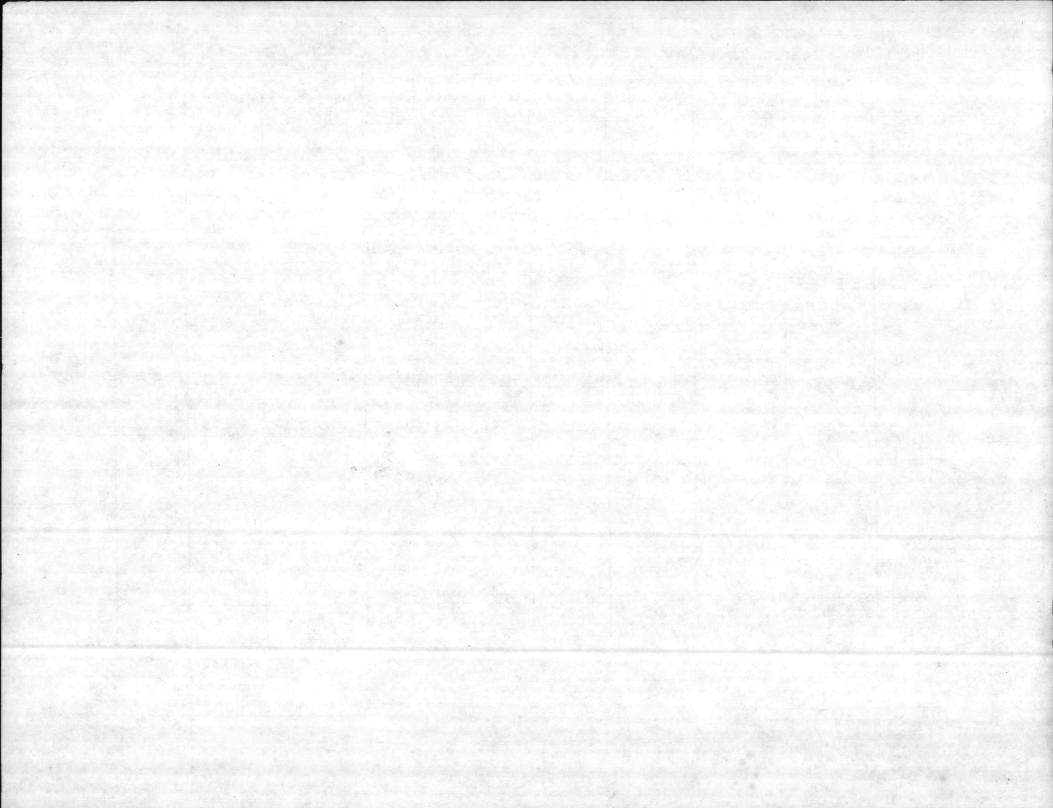
WATER TREATMENT

MCAS PML

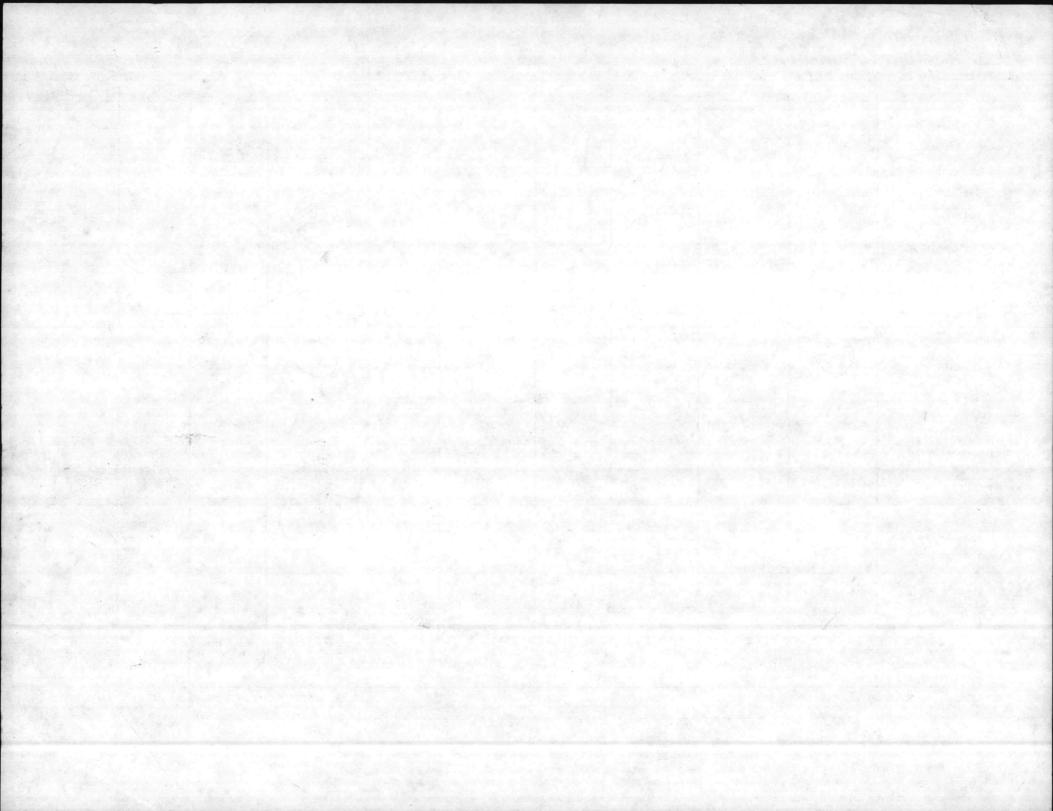
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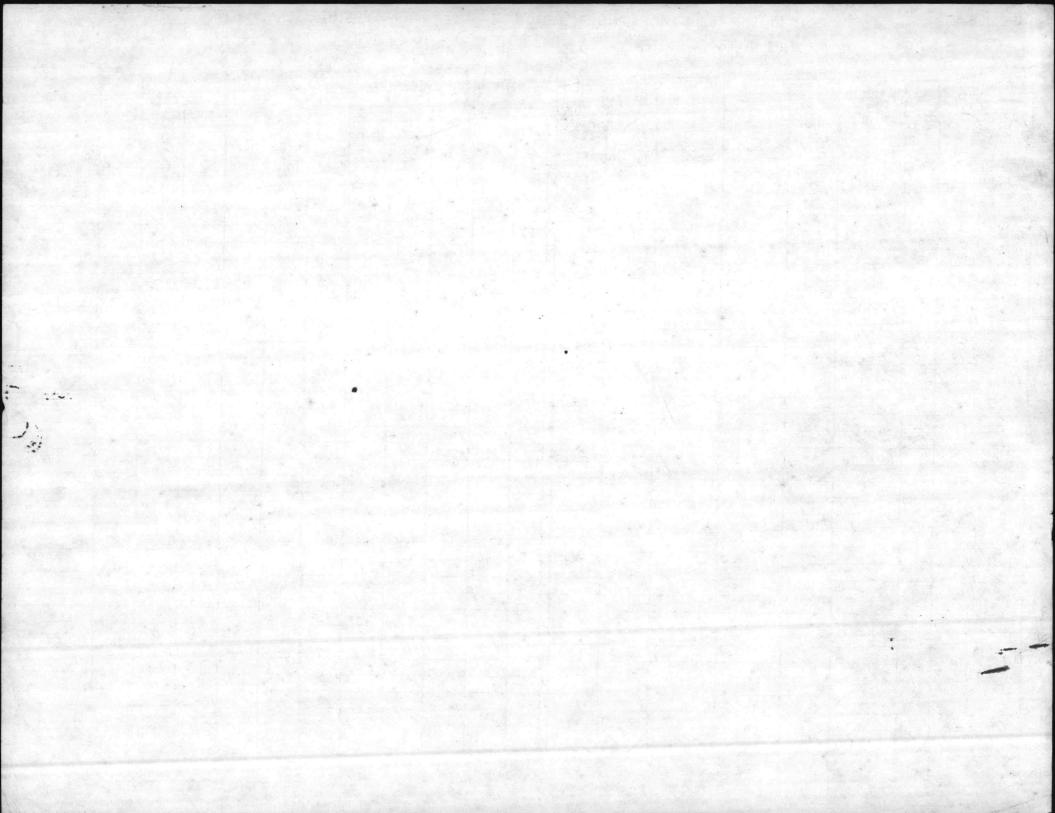
CHEMICAL ANALYSIS MCBCL 11330/3 (REV. 6-84)	S — WATER II	REATMENT PL	ANTS				DATE COLLECTE		DATE OF AN	87
PARAMETER	HADNOT POINT	CAMP JOHNSON	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER		
PH	8.4			7.5	7.9	8.3	8,5	8.8		
PHENOLTHALEIN ALKALINITY	4			0	0	20	4			
METHYL ORANGE ALKALINITY	54			156	170	150	60	90		
CARBONATES AS CaCO3	8			0	0	0	8	8		
BICARBONATES AS CaCO ₃	46			156	170	150	52	82		
CHLORIDES AS C1	12			20	18	24	10	. 56		
HARDNESS AS CaCO ₃	58			56	50	46	64	50		
IRON AS Fe	<0.04			1004	40.04	40.04	20.04	<0.04		
FLUORIDE P.H.	0.96			0.18	0.13	0.10	0.94	0.47		
CHLORINE RESIDUAL	1,1			1.2	1.5	0.8	1.1	0.9.		
TURBIDITY AND	0.1			0.1	0.4	0.4	0.2	0.2		
TOTAL PHOSPHATE							0.7	U.E		
ORTHO PHOSPHATE										
META PHOSPHATE										
STABILITY	+0.4			-0.7	-0.4	10.2	+0.2	+0.3		16.27
EMARKS						110.1	10.6	17012	COPY TO:	
		,							UTILDIR	0
Trans. Completion of the				And the second of the second o					th WATER T	REATMENT
All results reported in and specific conduct	n parts per million tance. One liter of	unless otherwise no potable water is as	oted except for ph	, temperature.	LABORATORY ANAL	YSIS BY	An En	· · · · · · · · · · · · · · · · · · ·	Ø PMU	MCAS PM
				- megram	11 0 2	Live			□ NREAD	40 FILE



CHEMICAL ANALYSIS MCBCL 11330/3 (REV. 6-84)	WATER TR	EATMENT PLA	NTS			- 18 - 18 - 18 - 18 - 18 - 18 - 18 - 18	DATE COLLECTED 5-/2-2	87	DATE OF ANA	7-87
PARAMETER	HADNOT POINT	CAMP JOHNSON	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER		
H	8.8			7.7	7. 9	7. 9	8.6	80	}	
PHENOLTHALEIN ALKALINITY	14			0	0	0	2	12		
METHYL ORANGE LKALINITY	62			172	178	176	62	118		
CARBONATES AS CaCO3	28			0	0	0	4	24		
BICARBONATES AS CaCO ₃	34			172	178	176	58	24		
CHLORIDES AS C1	26			38	36	64	26.	68		
HARDNESS AS CaCO ₃	(82)			60	48	72	(48)	78		
RON AS Fe	4	MASOUN					100000000000000000000000000000000000000	→		
CUORIDE ALL	0.89			0.14	0,11	0.09	0.93	0.40		
CHLORINE RESIDUAL	1.0			1.2	1.2	1.0	1.2	0.8		
URBIDITY A M	0.2			0./	0.1	0.1	0.5	0.4		
OTAL PHOSPHATE										
DRTHO PHOSPHATE									A 1944	
META PHOSPHATE				100						are a
STABILITY	+0,3			-0.5	-0.4	-0.3	+0,1	40.3		
REMARKS				1					СОРУ ТО:	
al and a second									COTIL DIF	a
							For Locality		WATER !	TREATMENT
NOTE: All results reported and specific conduc	in parts per million stance. One liter of	unless otherwise no potable water is as	ted except for placesumed to weigh	H, temperature, one kilogram.	LABORATORY ANA				Ø ₱MU	□ ∠Me AS PMU
					Carls	Sho			☐ NREAD	d -FIC E



	2		MS)	(NTU ONLY	etros de la composición dela composición de la composición de la composición de la composición dela composición dela composición dela composición de la composición de la composición dela composición de la composición dela composición de	USED	SED (S		p.	н.	HARDN	ESS (mg/1	ALK	(mg/	1)	CHLOR (mg	/1)		
	TOTAL WATER PUMPED (MGD)	HOURS PLANT OPERATED	BACKWASH WATER USED (GALLOMS)	TURBIDITY (LIME USED (POUNDS)	FLUORIDE US (POUNDS)	PHOSPHATE USED (LBS OR GALS)	OTHER 5	RAW	FINISHED	RAW	SOFTENER	DEL IVERED	RAW	FILTER	DEL IVERED	PLANT	DEL IVERED	FLUORIDE DELIVERED	REMARK
	.882	14	10,000					5	184		184	46	50				20	1,4		
	1080	9	21200		Eller Stranger			2	1000		180	48	50				1.6	1.1		
-	.090	17	14,000					5			180	H8	50				1.5	1.2		
	001	18	14,000			-		8			180	48	50				1.5	1.3		220 000
_	.083	10	1 000					5			180	49	50				1.6	1,2		
	vn9A	111	7,000					3			178	500	5-15				1.4	1.3		
	0085	9	7,000					3			180	50 43 50	54				113	0.9		
	. 038	11	7,000			S. D. Die		6			128	43	48				1.4	0.9	*	
	,026	10	7,000					3				50	48				1.0	1.0		
	. 0 2 8	11	12,000				1	2			180	H8	50				2.0	1.1		
	067	9	7000			100		3			180	48	52				2.0	1.1		
	1047	8	9000					3	10.00		182	48	50				1.9	1.2		
	THY	9	5,000					4			180	49	50				1.9	1.2		
	.046	8	4.000					3			176	48.	50				1.8	1.2		
	-7545	3	5000				a Visa	2			174	48	50				1.8	1.2		
	.051 .068 .082 .089 .084 .089	8	7,000	- 1			ni ka	5			176.	48	48				1.7	1.2		
	068	14	5,000	283			100	5			188	47	53				1.8	1.6		
	087	14	2.00.0	78. 7 N. M.				5			174	63	52				1.4	1.2		
	109	10	7.000	P			14.50.50	4			180	48	50		100	_	1.3	1.4		
	. 0011	-	7,000					4			184	44	50				1.8	1.5		
	1084	9	5,000	407				3			180	48	50				1.6	1.4		
	049	9	5,000				1000	2			180	50	54	-			1.1	1.1		
	.089	10	5 000				Phys. 17	5			180	48	50				1.6	1.1	<u> </u>	
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