## FILE FOLDER

## **DESCRIPTION ON TAB:**

	11330,2 Chemical
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4

ER TREATMENT	PLANTS 8.2	8.6	8.3	8.4	8.5	8.4	8.7	9-25-84
HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
9.0	7.6	(9.2)	7.5	8.5	8.4	8.7	8.7	
12	0	10	0	2	6	6		
66	190	50	160	162	172	66		
24	0	20	0	4	12	12		
42	190	30	160	158	160	54		
20	30	10	20	20	20	16	170	
66	104	66	66	60	46	74	48	
40.04	0.61	40.04	0.16	<0.04	40,04			
1.03/1.07	0.18	1.21/1.25	0.18	0.12		0.97/	1.13	
1.0	1.5	1.2	1.3	1.3	1,0	0.9	1.2	
0.40/	1.3	0.4/0.8	0.2	0.3	0.3	0.3/0.2		
	0.81			0.52				
	0.73			0,19				
	0.08							
+0.5	-016	10.6	-0.8		-0.1	+0.3	0	
	8.5  HADNOT POINT  9.0  .12  66  24  42  20  66  <	HADNOT POINT  9.0 7.6  .12 0  66 190  24 0  42 190  20 30  66 104 <a href="#"> <a< td=""><td>8.5 8.2 8.6    HADNOT   MONTFORD   TARAWA TERRACE     9.0   7.6   9.2     .12   0   10     66   190   50     24   0   20     42   190   30     20   30   10     66   66   66     404   66     40.05   66     40.05   66</td><td>8.5 8.2 8.6 8.3    HADNOT   MONTFORD   TARAWA   TERRACE   BEACH     9.0   7.6   9.2   7.5     12   0   10   0     66   190   50   160     24   0   20   0     42   190   30   160     20   30   10   20     66   66   66   66     404   66   66     4004   66   66     4004   60   60     1.0   1.5   1.2   1.3     0.40   0.50   1.3   0.4     0.73   0.08   0.73     0.08  </td><td>8.5 8.2 8.6 8.3 8.4    HADNOT   MONTFORD   TARAWA   TERRACE   BEACH   COURTHOUSE   BAY     9.0   7.6   9.2   7.5   8.5     12   0   10   0   2     66   190   50   160   162     24   0   20   0   4     42   190   30   160   158     20   30   10   20   20     66   104   66   66   68     20.04   0.61   20.04   0.16   20.04     1.0   1.5   1.2   1.3   1.3     0.40   0.52   0.81   0.52     0.73   0.18   0.19     0.08   0.33</td><td>8.5 8.2 8.6 8.3 8.4 8.5    HADNOT   MONTFORD   TARAWA TERRACE   ONSLOW BEACH   COURTHOUSE BAY     9.0   7.6   9.2   7.5   8.5   8.4     12   0   10   0   2   6     66   190   50   160   162   172     24   0   20   0   4   12     42   190   30   160   158   160     20   30   10   20   20   20     66   104   66   66   66   66   46     40   46   66   66   66   66   46     40   40   40   66   66   66   66     10   1.5   1.2   1.3   1.3   1.0     1.0   1.5   1.2   1.3   1.3   1.0     0.40   0.52   1.3   0.8   0.12     0.73   0.18   0.19     0.08   0.33     0.33</td><td>8.5 8.2 8.6 8.3 8.4 8.5 8.4    HADNOT   MONTFORD   TARAWA FERRACE   ONSLOW BEACH   COURTHOUSE BAY   RIFLE RANGE BLVD     9.0   7.6   9.2   7.5   8.5   8.4   8.7     12   0   10   0   2   6   6     66   190   50   160   162   172   66     24   0   20   0   4   12   12     42   190   30   160   158   160   54     20   30   10   20   20   20   16     66   104   66   66   66   46   74     40.04   0.61   40.04   0.16   40.04   40.04     1.0   1.5   1.2   1.3   1.3   1.0   0.97     0.40   0.52   0.18   0.12   0.19     0.40   0.61   0.8   0.2   0.3   0.3   0.3     0.73   0.18   0.19   0.19     0.73   0.19   0.33   0.3   0.3     0.08   0.33   0.33   0.33     0.08   0.33   0.33   0.33     0.08   0.33   0.33   0.33     0.08   0.33   0.33     0.08   0.33   0.33     0.08   0.33   0.33     0.08   0.33   0.33     0.08   0.33   0.33     0.08   0.33   0.33     0.08   0.33   0.33     0.09   0.33   0.33     0.09   0.33   0.33     0.09   0.33   0.33     0.09   0.33   0.33     0.09   0.33   0.33     0.09   0.33   0.33     0.09   0.33   0.33     0.09   0.33   0.33     0.09  </td><td>8.5 8.2 8.6 8.3 8.4 8.5 8.4 8.7    HADNOT POINT POINT</td></a<></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a>	8.5 8.2 8.6    HADNOT   MONTFORD   TARAWA TERRACE     9.0   7.6   9.2     .12   0   10     66   190   50     24   0   20     42   190   30     20   30   10     66   66   66     404   66     40.05   66     40.05   66	8.5 8.2 8.6 8.3    HADNOT   MONTFORD   TARAWA   TERRACE   BEACH     9.0   7.6   9.2   7.5     12   0   10   0     66   190   50   160     24   0   20   0     42   190   30   160     20   30   10   20     66   66   66   66     404   66   66     4004   66   66     4004   60   60     1.0   1.5   1.2   1.3     0.40   0.50   1.3   0.4     0.73   0.08   0.73     0.08	8.5 8.2 8.6 8.3 8.4    HADNOT   MONTFORD   TARAWA   TERRACE   BEACH   COURTHOUSE   BAY     9.0   7.6   9.2   7.5   8.5     12   0   10   0   2     66   190   50   160   162     24   0   20   0   4     42   190   30   160   158     20   30   10   20   20     66   104   66   66   68     20.04   0.61   20.04   0.16   20.04     1.0   1.5   1.2   1.3   1.3     0.40   0.52   0.81   0.52     0.73   0.18   0.19     0.08   0.33	8.5 8.2 8.6 8.3 8.4 8.5    HADNOT   MONTFORD   TARAWA TERRACE   ONSLOW BEACH   COURTHOUSE BAY     9.0   7.6   9.2   7.5   8.5   8.4     12   0   10   0   2   6     66   190   50   160   162   172     24   0   20   0   4   12     42   190   30   160   158   160     20   30   10   20   20   20     66   104   66   66   66   66   46     40   46   66   66   66   66   46     40   40   40   66   66   66   66     10   1.5   1.2   1.3   1.3   1.0     1.0   1.5   1.2   1.3   1.3   1.0     0.40   0.52   1.3   0.8   0.12     0.73   0.18   0.19     0.08   0.33     0.33	8.5 8.2 8.6 8.3 8.4 8.5 8.4    HADNOT   MONTFORD   TARAWA FERRACE   ONSLOW BEACH   COURTHOUSE BAY   RIFLE RANGE BLVD     9.0   7.6   9.2   7.5   8.5   8.4   8.7     12   0   10   0   2   6   6     66   190   50   160   162   172   66     24   0   20   0   4   12   12     42   190   30   160   158   160   54     20   30   10   20   20   20   16     66   104   66   66   66   46   74     40.04   0.61   40.04   0.16   40.04   40.04     1.0   1.5   1.2   1.3   1.3   1.0   0.97     0.40   0.52   0.18   0.12   0.19     0.40   0.61   0.8   0.2   0.3   0.3   0.3     0.73   0.18   0.19   0.19     0.73   0.19   0.33   0.3   0.3     0.08   0.33   0.33   0.33     0.08   0.33   0.33   0.33     0.08   0.33   0.33   0.33     0.08   0.33   0.33     0.08   0.33   0.33     0.08   0.33   0.33     0.08   0.33   0.33     0.08   0.33   0.33     0.08   0.33   0.33     0.08   0.33   0.33     0.09   0.33   0.33     0.09   0.33   0.33     0.09   0.33   0.33     0.09   0.33   0.33     0.09   0.33   0.33     0.09   0.33   0.33     0.09   0.33   0.33     0.09   0.33   0.33     0.09	8.5 8.2 8.6 8.3 8.4 8.5 8.4 8.7    HADNOT POINT

OB POND = 8.3

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

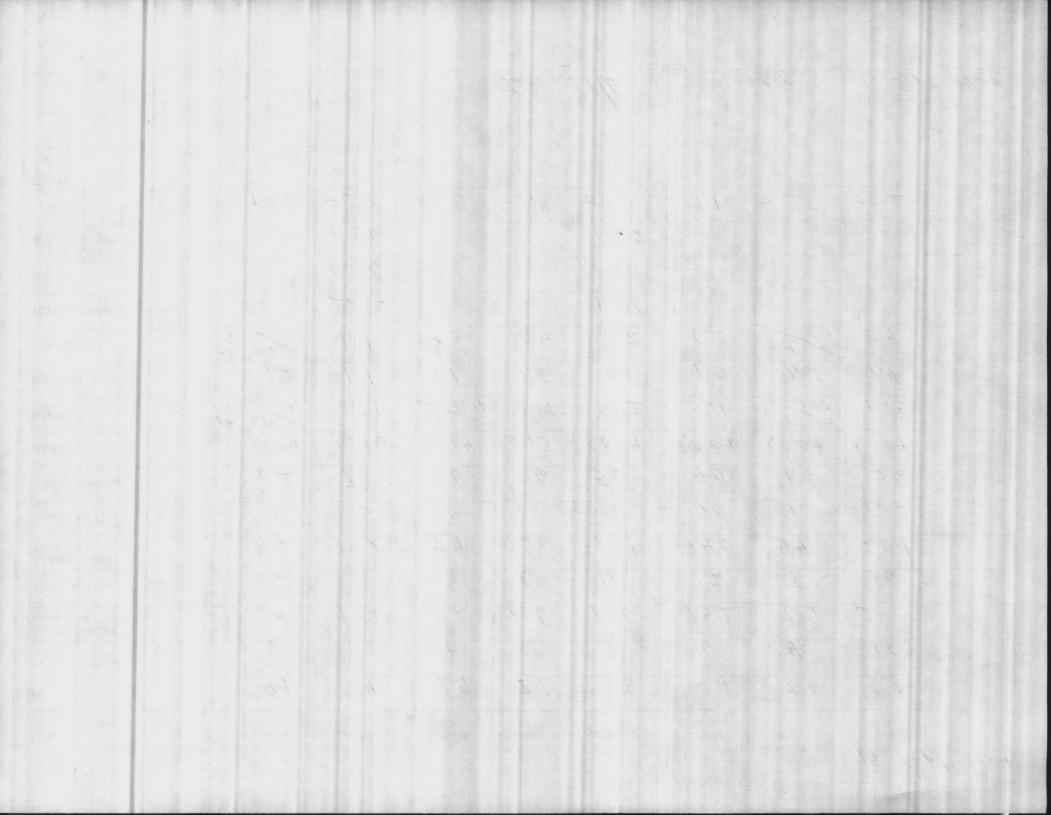
 CHEMICAL ANALYSIS - WATER TREATMENT PLANTS MCBCL 11330/3 (REV. 3-82)

Mr. Price
DATE COLLECTED
18 Sept 1984

HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	носсомв	. NEW .	
9.1)	74				HANGE	BLVD	RIVER	
	/1/	8.9	7.4	8.5	8.4	8.8	8.8	
6	0	4	0	8	6	4	18	
54	192	52	166	150	A SECTION AND ADDRESS OF THE PARTY OF THE PA		240	
12	0	8	0	16			36	
42	192	44	166	134	140	54		
10	36	10	18	16	16	10		
62	76	66	56	56	40	66	56	
10.04	(0.46)	10.04	0.13	10.04	40.04	10.04	10.04	
0.18	0.19	1.02 0.92	0,19	0.12	0.11	0.97	1.05	
1.2	1.4	1./	1,5	1.1	1.0	1.2	1.4	
0,2	1.4	0.1 1.6	0,4	0.2	0,3	0.4 0.3	0,4	
	2.52			1.30				
	0.96			0.28				
	1.56			1,02				
+0.7	-0.7	+0,5	-0.9	+0.1	-0.1	+0.5	+0.2	
-	12 42 10 62 <0.04 0.78 0.80 1.2 6.2 0.3	12 0 42 $19210$ $3662$ $76(0.04)$ $(0.46)0.78$ $(0.80)$ $(0.19)1.2$ $1.40.2$ $(0.3)$ $1.42.520.961.56$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	12 0 8 0 42 192 44 166 10 36 10 18 62 76 66 56 (0.04) 0.46 $(0.04)$ 0.13 0.78 0.50 0.19 $(0.02)$ 0.19 (0.2) 1.4 1.1 1.5 (0.2) 0.3 1.4 0.1 1.6 0.4 (0.96) 0.96 (0.96) 1.56	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

The Barber 18 Sept 1984

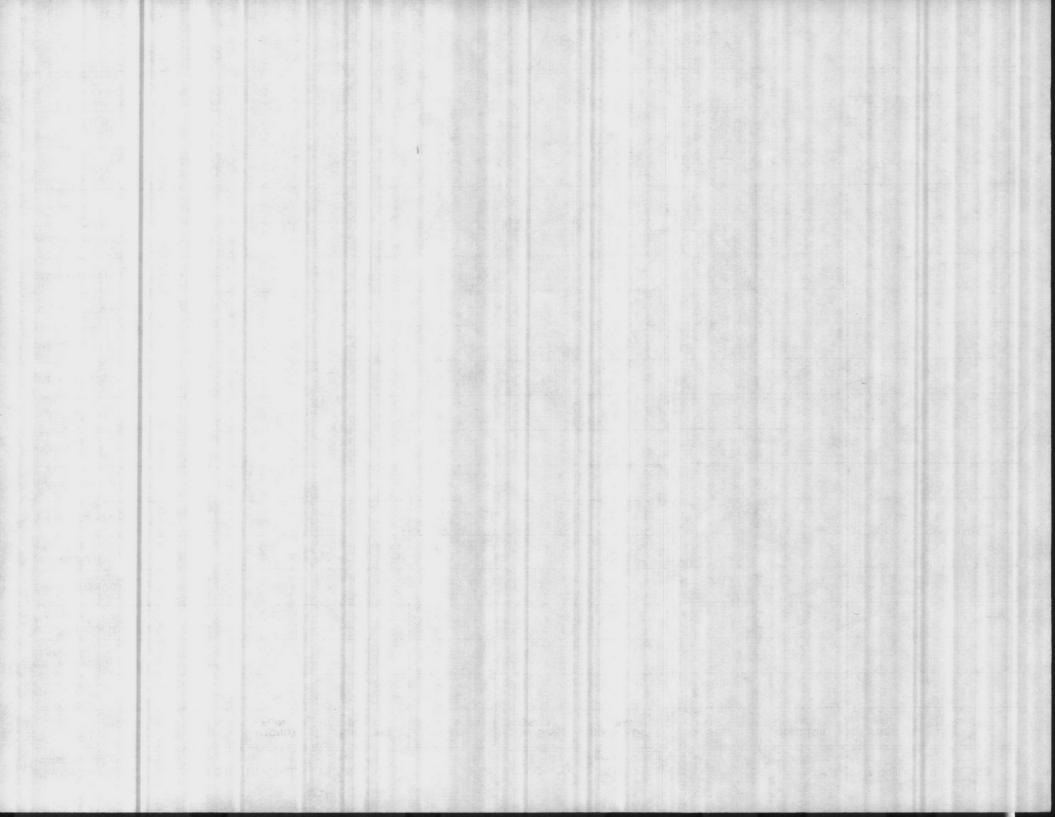


CHEMICAL ANALYSIS - WATER TREATMENT PLANTS MCBCL 11330/3 (REV. 3-82)

COMPHOINT 2500 TIT

PARAMETER	HADNOT	MONTFORD	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE	RIFLE RANGE	HOLCOMB BLVD	NEW RIVÉR	
РН			7.7						
PENOLTHALEIN ALKALINITY			0						
METHYL ORANGE ALKALINITY			120						
CARBONATES AS CaCO <sub>3</sub>			0						
BICARBONATES AS CaCO 3			120						
CHLORIDES AS C1			10						
HARDNESS AS CaCO <sub>3</sub>			140						
RON AS Fe			-						
FLUORIDE			1,23			190			
CHLORINE RESIDUAL			0.9		76				
TURBIDITY			1.8						
TOTAL PHOSPHATE									
ORTHO PHOSPHATE									
META PHOSPHATE									
STABILITY									

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.



CHEMICAL ANALYSIS — WATER MCBCL 11330/3 (REV. 3-82)	TREATMENT	PLANTS			MR PRICE			DATE COLLECTED 9/4/84	
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
PH	8.9	7.4	8.5	7.4	8.4	8.1	88	8.9	
PENOLTHALEIN ALKALINITY	6	0	2	0	6	0	4	20	
METHYL ORANGE ALKALINITY	42	180	60	160	158	170	56	184	
CARBONATES AS CaCO3	12	0	4	0	12	0	8	40	
BICARBONATES AS CaCO <sub>3</sub>	30	180	56	160	146	170	48	144	
CHLORIDES AS C1	10	16	10	20	14	50	12	190	
HARDNESS AS CaCO <sub>3</sub>	56	64	80	60	56	50	58	58	
IRON AS Fe	20.04	0.54)	40.64	0.15	20.04	40.04	20.04	20.04	
FLUORIDE PH	1.02/1.00	0.17	0.90	0.16	0.11	0.13	0.76	A Total	
CHLORINE RESIDUAL	1.1	1.4	1.1	1.5	1,4	0.6	0,8	1.2	
TURBIDITY 2.4	10.7/	1.1	0.4	4 0		6 2	0,3/	4	

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

| All results reported in parts per million unless otherwise noted except for pH, temperature, LABORATORY ANALYSIS BY

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| All results reported in parts per million unless otherwise noted except fo

1.09

0.25

0.76

40.3

2.70

1.21

1.49

-0.8

40,2

+0,6

TOTAL PHOSPHATE

ORTHO PHOSPHATE

META PHOSPHATE

STABILITY

REMARKS



CHEMICAL ANALYSIS - WATER TREATMENT PLANTS

MCBCL 11330/3 (REV. 3-82)

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PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
PH	8.8	7.4	8.4	7.4	8,4	8,1	8,9	8.7	
PENOLTHALEIN ALKALINITY	4	0	2	0	6	3	6	12	
METHYL ORANGE ALKALINITY	60	190	74	160	164	184	60	214	
CARBONATES AS CaCO <sub>3</sub>	8	0	4	0	12	6	12	24	
BICARBONATES AS CaCO 3	52	190	70	160	152	178	48	190	
CHLORIDES AS C1	14	42	14	24	18	52	16	184	
HARDNESS AS CaCO <sub>3</sub>	70	78	96	62	58	70	62	60	
IRON AS Fe	160.04	(0.52)	10.04	0,14	10.04	0.15	10,04	10.04	
FLUORIDE //	1.09 1.06	0.16	102	0.15	0,11	0.11	0.67	0.93	
CHLORINE RESIDUAL	1.0	1.3	1.0	1.3	1.3	1,1	0,9	1,2	
TURBIDITY AF	1	1.5	0.2 0.6	6,2	0,4	0.6	0.2	01	
TOTAL PHOSPHATE		2.80			1.26				
ORTHO PHOSPHATE		1.10			0.35				
META PHOSPHATE		1.70			0.91				
STABILITY	+0,5	-0.7	+0.2	-0.7	0.0	+0,2	+0.6	+0,2	
REMARKS									

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

CHEMICAL ANALYSIS -	WATER	TREATMENT	<b>PLANTS</b>
MCRCI 11330/3 (REV 3-82)			

CHEMICAL ANALYSIS — WATER MCBCL 11330/3 (REV. 3-82)	TREATMENT	PLANTS						DATE COLLECT	JUNE 84
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	OB POND
PH (Pressure cleaned water)	9.04	7.35	8.63	7.55	8.35	8.33	8.84	8.67	
PENOLTHALEIN ALKALINITY	6	0	2	0	4	2	6	6	
METHYL ORANGE ALKALINITY	50	182	54	160	164	150	60	156	
CARBONATES AS CaCO3	12	0	4	D	8	4	12	12	
BICARBONATES AS CaCO 3	38	182	50	160	156	146	48	144	
CHLORIDES AS C1	10	20	6	16	12	10	20	110	
HARDNESS AS CaCO <sub>3</sub>	56	70	76	64	58	44	64	56	
IRON AS Fe	<0.04	0.56	0.04	0.15	0.04	0.07	0.06	0.08	
FLUORIDE AM	0.12	0.13	0.90	0.15	0.08	0.08	0.15	0.66	
CHLORINE RESIDUAL	1.1	1.4	1.0	1.5	1.4	1.0	1.0	1,2	
TURBIDITY AM	0.5	0.48	0.26	0.19	0.57	0:36	01/0,23	0.50	
TOTAL PHOSPHATE		2,52			1.09				
ORTHO PHOSPHATE		1.13			0.16				
META PHOSPHATE		1,39			0.93				
STABILITY	+0.55	-1.03	to. 24	-0.76	-0.07	-0.17	+0.38	+0.07	

DATE OF ANALYSIS

26 JUNE 84

CHEMICAL	ANALYSIS	_	WATER	TREATMENT	PLANTS	
MCBCL 11330/3	(REV. 3-82)					

MR PRICIZ

DATE COLLECTED

MCBCL 11330/3 (REV. 3-82)				Articles of the second	III .			8/21/	84
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
РН	8.7	7.4	8.5	7.5	8.6	8,3	8.7	8.7	
PENOLTHALEIN ALKALINITY	4	0	4	0	4	0	4	10	
METHYL ORANGE ALKALINITY	60	190	66	160	140	176	70	200	
CARBONATES AS CaCO3	8	0	8	0	8	0	8	20	
BICARBONATES AS CaCO <sub>3</sub>	52	190	58	160	132	176	62	180	250
CHLORIDES AS C1	10	40	16	24	20	50	12	180	
HARDNESS AS CaCO <sub>3</sub>	60	80	90	64	54	78	64	60	
IRON AS Fe	20.04	(1.52)	20.04	0.12	20.04	20.04	40.04	20.04	
FLUORIDE A.M.	1.03	0.16	0.96	0.17	0.11	0.11	1.11		
CHLORINE RESIDUAL	1.0	1.4	1.0	1.5	1.6	1.0	1.0	1.4	
TURBIDITY A.M.	1. 0.50	2.9	0.30	0,30	0.40	0.40	0.30	0.60	
TOTAL PHOSPHATE		2.05			1,30				
ORTHO PHOSPHATE		1.46			0.35				
META PHOSPHATE		0,59			0.95				
STABILITY	+0.5	-0.7	10.3	-0.7	+0.2	0.0	+0.5	+0.1	

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

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CHEMICAL ANALYSIS - WATER TREATMENT PLANTS MCBCL 11330/3 (REV. 3-82)

MCBCL 11330/3 (REV. 3-82)						The second secon	A STATE OF S	14 1440	-04
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
PH	9,3	7.6	8.7	7.7	8,3	8.1	8.8	8.8	
PENOLTHALEIN ALKALINITY	6	0	2	0	2	0	4	8	
METHYL ORANGE ALKALINITY	46	184	50	160	152	176	56	180	
CARBONATES AS CaCO <sub>3</sub>	12	0	4	0	4	0	8	16	
BICARBONATES AS CaCO 3	34	184	46	160	148	176	48	164	
CHLORIDES AS C1	14	30	10	20	14	48	10	190	
HARDNESS AS CaCO <sub>3</sub>	56	24	68	50	70	72	70	50	
IRON AS Fe	0.04	0.49	0.04	0.09	0.06	0.04	0.04	6.04	
FLUORIDE AM	1.02	0.20	0.96	0.21	0.14	0.13	0.95	0,82	
CHLORINE RESIDUAL	1.1	1.2	1.0	1.6	1.3	1.1	1.0	1.3	
TURBIDITY AM	0.9	1.52	0.2	0.6	0,3	0.4	0.2	0.70	
TOTAL PHOSPHATE		2.80		eryptik teresi Kali	1.35				
ORTHO PHOSPHATE		1.17			0.22				
META PHOSPHATE		1.63		de de la companie de La companie de la companie de	1.13				
STABILITY	10.8	-0.6	10.4	0.6	0,0	0.1	to.3	0.0	

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

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	4			27/7		
			787			
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CHEMICAL ANALYSIS — WATER TREATMENT PLANTS MCBCL 11330/3 (REV. 3-82)

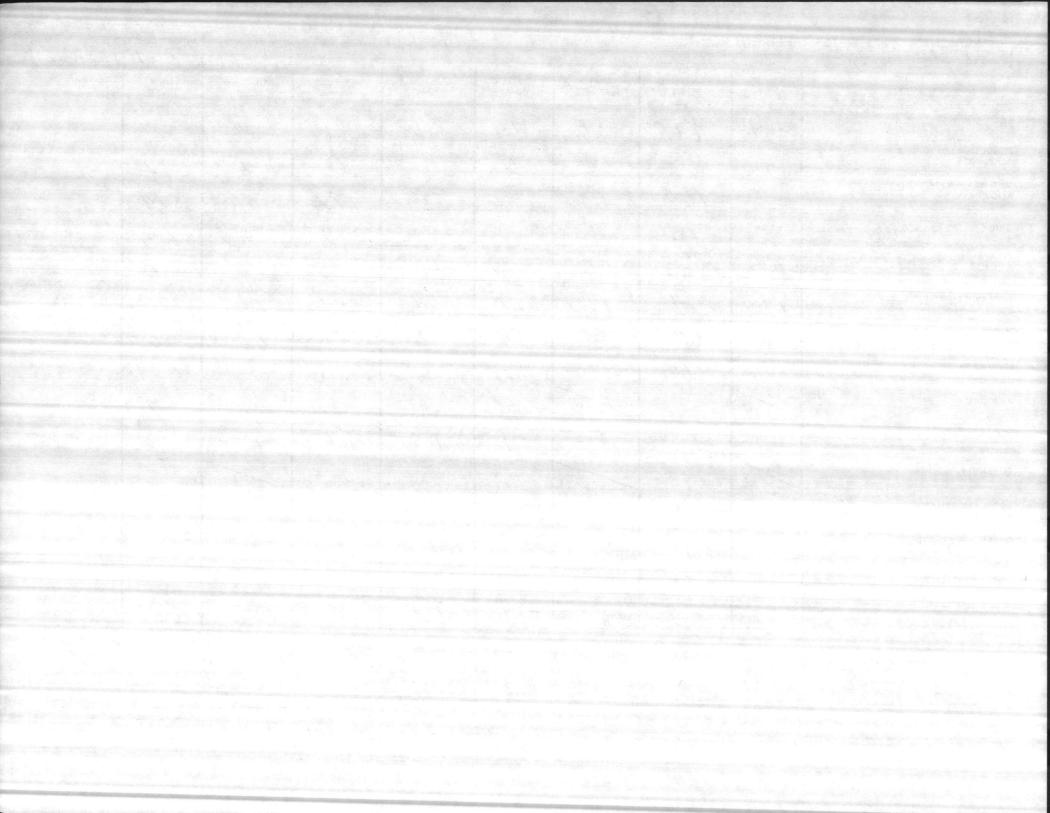
Mr. Price
DATE COLLECTED
7 Aug 1914

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PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVÉR	
РН	8.7	7.6	8,6	7.4	8.5	8.1	8.8	8.7	
PENOLTHALEIN ALKALINITY	4	0	2	0	4	0	2	12	
METHYL ORANGE ALKALINITY	56	168	60	162	156	172	60	174	
CARBONATES AS CaCO3	8	0	4	0	8	0	4	24	
BICARBONATES AS CaCO <sub>3</sub>	48	168	56	162	148	172	56	150	
CHLORIDES AS C1	14	34	14	20	24	46	14	170	
HARDNESS AS CaCO <sub>3</sub>	64	90	78	74	66	46	60	50	
IRON AS Fe	0.06	(0.68)	0.06	0.22	0.04	0.11	0.04	0.04	
FLUORIDE	M 0.47	0.19	0.96 1.00	0.16	0.12	0.12	1.01	0.76	
CHLORINE RESIDUAL	1.0	1.3	1.0	1.1	1.5	1.0	1.1	1,2	4
IUNBIUIT	M 0.4 0.7	1.57	0.3	0.3	0.3	0.5	0.3	0.8	
TOTAL PHOSPHATE		3.30			0.73				And Andrews
ORTHO PHOSPHATE		1.46			0.16				
META PHOSPHATE		1.84			0.57			e de la companya de l	
STABILITY	t0.2	-0.7	+0.2	-1.0	-0.1	-0.5	+0.3	0.0	

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, LABORATORY ANALYSIS BY and specific conductance. One liter of potable water is assumed to weigh one kilogram.

LABORATORY ANALYSIS BY

thearles



CHEMICAL ANALYSIS — WAT MCBCL 11330/3 (REV. 3-82)	ER TREATMENT	PLANTS	taliga e for go gloves, tres active el		MR. DRICE			DATE COLLECTED 7/31/84	
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
PH	8.8	8.3	2.3	7.4	8.4	8.2	8.7	8.7	
PENOLTHALEIN ALKALINITY	6	0	0	0	2	0	4	10	
METHYL ORANGE ALKALINITY	54	192	66	150	142	168	66	176	
CARBONATES AS CaCO <sub>3</sub>	12	0	0	0	4	0	8	20	
BICARBONATES AS CaCO <sub>3</sub>	42	192	66	150	138	168	58	156	
CHLORIDES AS C1	14	48	14	26	26	44	20	180	
HARDNESS AS CaCO <sub>3</sub>	56	154	78	46	46	52	60	56	
RON AS Fe	40.04	(1.10)	20.04	6.08	0.05	20.04	0.05	0.04	
LUORIDE A.M	PM 1.17.14	0.19	1.24	0.19	0.14		0.81		
CHLORINE RESIDUAL	1.1	1.3	1.0	1.2	1.5	1.0	0.9	1,2	
TURBIDITY A.	3.M. 0.60.6	1.1	0,60	0.30	0,20	040	0,20	0.60	

+0.6

1.17

0.88

0.29

-0.3

**TOTAL PHOSPHATE** 

ORTHO PHOSPHATE

**META PHOSPHATE** 

STABILITY

REMARKS

13 VENS & BARBEE.

1.21

0.25

0.96

+0.1

-0.1

DATE OF ANALYSIS

7/31/8 4

+0.2

CHEMICAL ANALYSIS — WATER TREATMENT PLANTS MCBCL 11330/3 (REV. 3-82)

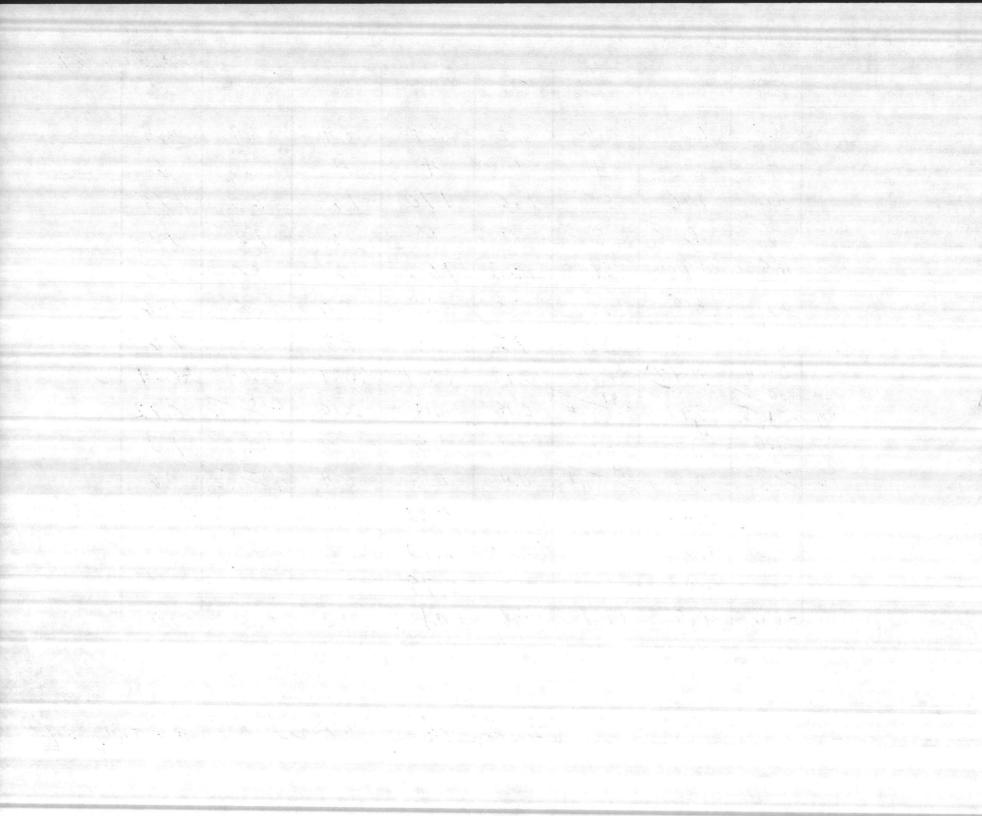
Mr. Price

DATE COLLECTED

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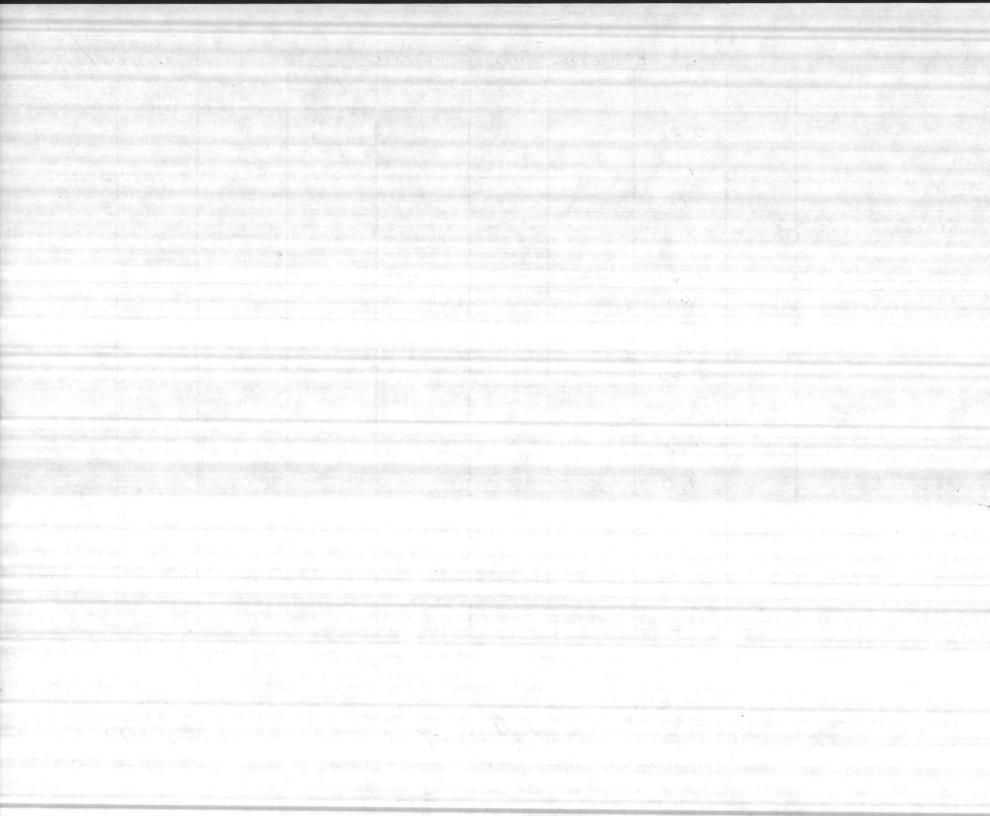
MCBCL 11330/3 (REV. 3-82)						•		24 04	14 84
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
PH	8.9	7,2	8.6	7,4	8.4	8.4	8.9	8.4	
PENOLTHALEIN ALKALINITY	4	0	4	0	4	4	6	6	
METHYL ORANGE ALKALINITY	56	190	58	160	170	164	62	178	
CARBONATES AS CaCO3	8	0	8	0	8	8	12	12	
BICARBONATES AS CaCO 3	48	190	50	160	162	156	50	166	
CHLORIDES AS C1	12	48	16	24	22	20	18	156	
MARDNESS AS CaCO <sub>3</sub>	60	86	80	72	60	48	58	76	
RON AS Fe	40,04	(0.77)	10.04	0,12	50.04	40.04	10.04	10,04	
LUORIDE AM	1.00	0,17	0.97		0.12	0.10	0.78	0.72	
CHLORINE RESIDUAL	1.0	1.5	1.1	1.4	1.5	1.0	0.9	1.3	
TURBIDITY AM	31 37	0,9	0.4 1.7	0.4	0.3	0,4	0.2	0.6	
OTAL PHOSPHATE		3.45			0.92				10.44
PRTHO PHOSPHATE		1,38			0.13	and regionalization			
META PHOSPHATE		2.07			0,79				
STABILITY	+0.6	-0,9	+0,2	-0,8	+0.1	0.0	+0,5	0.0	

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

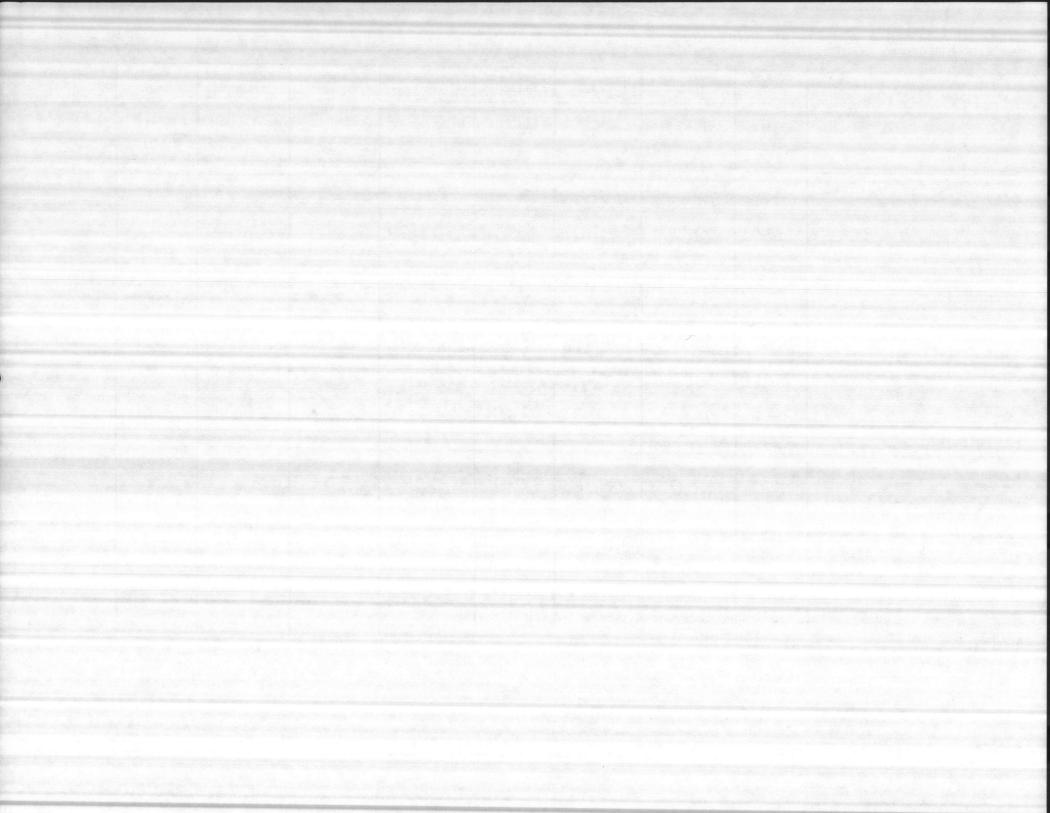


CHEMICAL ANALYSIS — WATER MCBCL 11330/3 (REV. 3-82)	R TREATMENT	Complaint	Bld. 1602	Knox T	railer Park			DATE COLLECTED 7/13/8	4/1115
PARAMETER	HADNOT POINT	MONTFORD ROINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	•
РН		7.20							
PENOLTHALEIN ALKALINITY		0							
METHYL ORANGE ALKALINITY		198					-		
CARBONATES AS CaCO <sub>3</sub>		0				384			
BICARBONATES AS CaCO 3		198		Service of					
CHLORIDES AS C1		80							
HARDNESS AS CaCO <sub>3</sub>		118							
IRON AS Fe		2.42							
FLUORIDE		0.15			34		40.00		
CHLORINE RESIDUAL		0,2							
TURBIDITY		8,6							
TOTAL PHOSPHATE									
ORTHO PHOSPHATE							Maria de la compania		
META PHOSPHATE							grand States		
STABILITY			- 100 FB -					4 4	

7//3/84



CHEMICAL ANALYSIS — WATER MCBCL 11330/3 (REV. 3-82)	TREATMENT	DATE COLLECTED							
PARAMETER	HADNOT POINT	MONTFORD POINT	ESTH X	BEACH GN3FOM	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
PH	7.9	7.9	8,3	8.2					
PENOLTHALEIN ALKALINITY	0	0	0	0					CO. 10 C.
METHYL ORANGE ALKALINITY	140	184	120	90					
CARBONATES AS CaCO3	0	0	0	0					
BICARBONATES AS CaCO 3	140	184	120	90					
CHLORIDES AS C1	10	2	2	2					
HARDNESS AS CaCO3	150	156	54	94					
RON AS Fe	4.20	5.00	1.64	2.60					
FLUORIDE	0.15	0.34	1.25	0.28					3.00
CHLORINE RESIDUAL States									
FURBIDITY	23,0	25.0	29.0	30.0					
DOXXIXPHOSPHXIEX STATIC	6'6"	11'6"	7'0"	18'0"					
DEPTH DEPTH	90'	76'	107'	102'					
META PHOSPHATE							Service of the servic		
STABILITY									



CHEMICAL ANALYSIS — WATER T MCBCL 11330/3 (REV. 3-82)	REATMENT	PLANTS		HR PR)	CŽ.			DATE COLLECTED  17 JULY 84		
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER		
РН	(91)	7.4	9.3	7.6	8,4	8.3	8.8	8.9		
PENOLTHALEIN ALKALINITY	10	0	10	0	2	2	4	10		
METHYL ORANGE ALKALINITY	40	180	30	154	140	146	60	160		
CARBONATES AS CaCO <sub>3</sub>	20	0	20	0	4	4	8	20		
BICARBONATES AS CaCO 3	20	180	10	154	136	142	52	140		
CHLORIDES AS C1	10	40	10	16	10	10	10	150		
HARDNESS AS CaCO <sub>3</sub>	48	70	50	60	58	42	66	60		
IRON AS Fe	40.04	(0.49)	20.04	0,21	20,04	0.08	0.06	0.06		
FLUORIDE A.N.P.N.	1.01	0.17	0,99,99	0.19	0.10	0.07	1.40	0.67		
CHLORINE RESIDUAL	1.0	1.4	1,0	1,9	1,3	1.0	0,9	1,3		
TURBIDITY	1.5/0.7	1,0	0.75.6	0,3	0.20	0.4	0,20,30	0.90		
TOTAL PHOSPHATE		4.05			0.92					
ORTHO PHOSPHATE		1.35			0.16					
				Daylor or the same for	A CONTRACTOR OF THE CONTRACTOR					

403

2.70

-0.6

40.3

**META PHOSPHATE** 

STABILITY

REMARKS

LABORATORY ANALYSIS BY
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0.76

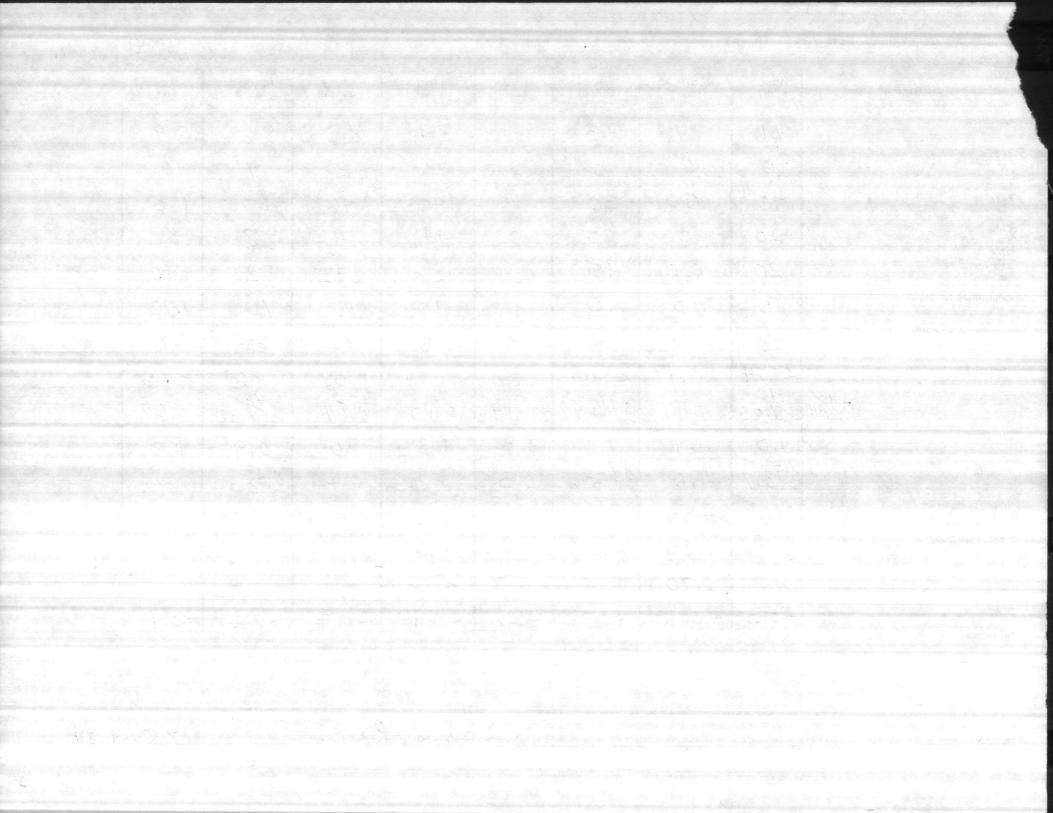
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-0.1

DATE OF ANALYSIS

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40.2



HR PRICE DATE COLLECTED CHEMICAL ANALYSIS - WATER TREATMENT PLANTS MCBCL 11330/3 (REV. 3-82) 7/10/84 ONSLOW COURTHOUSE HADNOT MONTFORD **TARAWA** RIFLE HOLCOMB NEW PARAMETER POINT POINT TERRACE BEACH BAY RANGE BLVD RIVER 8.8 8.7 8.5 7.6 7.5 2.9 8.9 **PENOLTHALEIN** ALKALINITY 4 0 6 METHYL ORANGE 56 ALKALINITY 64 170 150 150 70 60 50 CARBONATES AS CaCO<sub>3</sub> 8 8 8 8 2 **BICARBONATES** 170 48 56 62 48 AS CaCO3 50 47 **CHLORIDES AS C1** 30 10 14 18 134 10 10 10 HARDNESS AS CaCO3 68 72 70 64 64 38 58 60 **IRON AS Fe** 0.68 0.40 0.05 60.04 40.04 0.08 20,04 0.06 A.H. **FLUORIDE** 0.09 0.08 P.H. 0.16 91 0.60 LID CHLORINE RESIDUAL 1.3 1.3 1.4 1.0 A.H. TURBIDITY 0,40 .4 0.52 0.40 **TOTAL PHOSPHATE** 4,80 0.92

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

+0.5

1.66

3,14

ORTHO PHOSPHATE

META PHOSPHATE

STABILITY

REMARKS

LABORATORY ANALYSIS BY

0.22

0,70

DATE OF ANALYSIS
7/10/84

CHEMICAL ANALYSIS — WA MCBCL 11330/3 (REV. 3-82)	TER TREATMENT	PLANTS						3 Jul	
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	POND POND
PH	8,36	7.52	7.73	7.64	8.57	8.55	8.78	8.90	8.70
PENOLTHALEIN ALKALINITY	4	0	0	0	4	2	4	10	
METHYL ORANGE ALKALINITY	54	178	148	124	166	158	70	162	
CARBONATES AS CaCO <sub>3</sub>	8	0	0	6	8 .	4	8	20	
BICARBONATES AS CaCO 3	46	178	148	124	158	154	62	142	
CHLORIDES AS C1	10	18	16	28	20	16	14	134	
HARDNESS AS CaCO <sub>3</sub>	58	54	154)	56	60	52	70	56	
IRON AS Fe	<0.04	0.48	0.10	0.25	40.04	0.03	<0.04	0.09	
FLUORIDE	0.17	0.16	0.79	0.19	0,10	0.08	0.90	0.73	

1.6

-0.7

0.38

1.2

0.25

1.13

0.25

0.88

REMARKS Due To STOPPED UP Live Leso.

1,0

0.50

5.51

1.3

0.44

1.54

1.04

0,50

-0.81

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

1.1

0.63

0.83

-0.35

TURBIDITY

**CHLORINE RESIDUAL** 

**TOTAL PHOSPHATE** 

ORTHO PHOSPHATE

META PHOSPHATE

STABILITY

LACHAPELLE

DATE OF ANALYSIS 3 JULY 8

1.3

2.64

+0.10

0,20

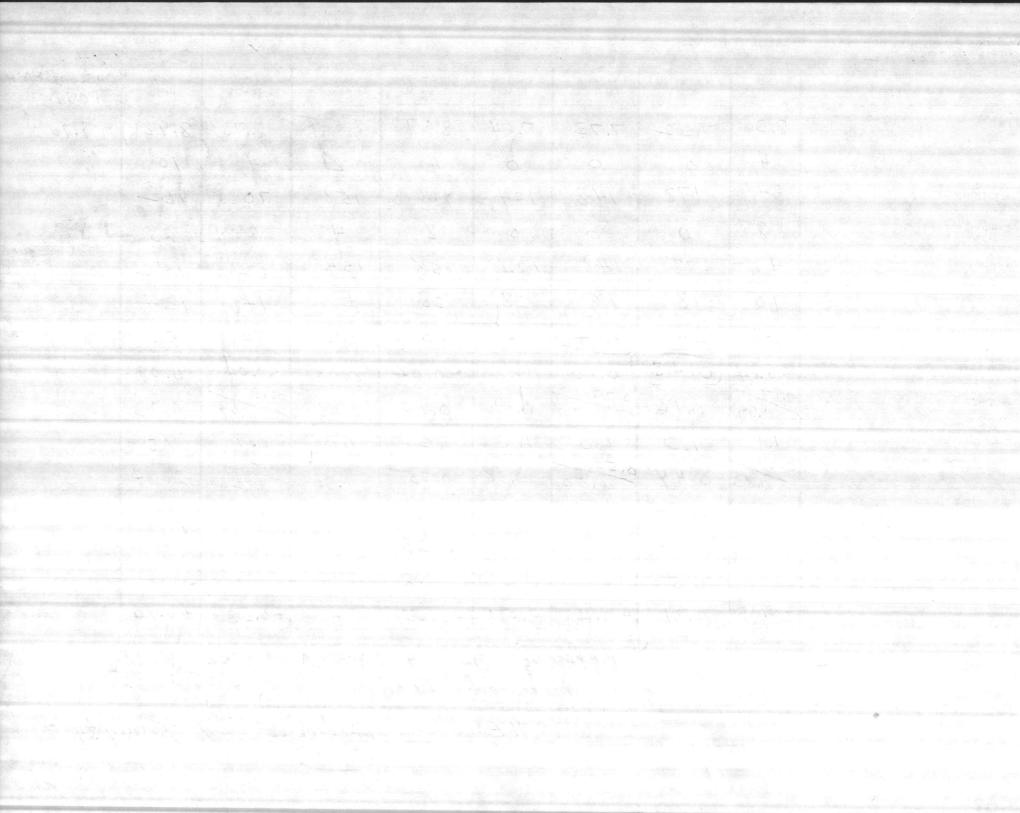
0,9

+0,28

0.28

1,0

0.30



CHEMICAL ANALYSIS — WATER TREATMENT PLANTS MCBCL 11330/3 (REV. 3-82)								DATE COLLECTED 19 JUN84	
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	8.7
PH	8.9	7.3	8,5	7.5	8.4	8.3	8.7	8.6	
PENOLTHALEIN ALKALINITY	8	0	4	٥	6	0	8	8	en e
METHYL ORANGE ALKALINITY	60	184	60	132	162	144	70	156	
CARBONATES AS CaCO <sub>3</sub>	16	0	8	0	12	0	16	16	
BICARBONATES AS CaCO <sub>3</sub>	44	184	52	132	150	144	54	140	(- ty)
CHLORIDES AS C1	10	42	16	22	20	28	14	126	
HARDNESS AS CaCO <sub>3</sub>	62	64	74	54	50	48	72	78	
IRON AS Fe	0.04	(0.55)	0.04	0110	0.04	0.04	0.04	0.05	
FLUORIDE	0.15	0.16	0.92	0.15	0.10	0.09	0.21	0.55	
CHLORINE RESIDUAL	1.0	1.2	1.0	1.4	1.3	114	0.9	1.3	
TURBIDITY	7.3	1.0	0.3	0,3	0.2	0.3	0.3	0.7	
TOTAL PHOSPHATE		2.95			0,92		•		
ORTHO PHOSPHATE		1.30			0.19				
META PHOSPHATE		1.75			0.73				
STABILITY	to.3	-0.7	0	-0.8	+0.3	-0.1	+0.3	+0.2	

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

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	(7,4)		5.45		F7.0		1.0.3
						3	

MCBCL 11330/3 (REV. 3-82)						-		12 JUN	84
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
PH	8.9	7.5	8.4	7.5	8.4	8.3	8.9	8.7	
PENOLTHALEIN ALKALINITY	4	6	2	0	4	4	4	10	
METHYL ORANGE ALKALINITY	58	188	66	166	172	158	58	136	
CARBONATES AS CaCO <sub>3</sub>	8	0	4	0	8	8	8	20	
BICARBONATES AS CaCO <sub>3</sub>	50	188	62	166	164	150	50	116	
CHLORIDES AS C1	12	50	10	18	16	30	14	128	-
HARDNESS AS CaCO <sub>3</sub>	66	100	78	60	66	64	58	60	
IRON AS Fe	0.08	6,66	0.04	0.14	0.05	0.04	0.05	0.20	
FLUORIDE Am	0.93	0.16	0.91	0.16	0011	0.08	1.03	0.58	
CHLORINE RESIDUAL	10	1.5	10	1.3	1,2	1.0	0.9	1.3	A
TURBIDITY AM PM	0.3	0.8	0.6	0.3	0,2	0.3	0.3	2.3	
TOTAL PHOSPHATE		2.08			0.66				
ORTHO PHOSPHATE		0.84		r)	0.10				
META PHOSPHATE		1.24			0.56				
STABILITY	+0.6	-0.8	+0.2	0.8	0,0	-01/	+0.4	to.2	

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

DATE OF ANALYSIS
12 JUN 84

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Mr Price
DATE COLLECTED

5 June 1984

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PARAMETER		HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
PH		8.8	7.4	8.3	7.5	8.4	7.7	8 .8	8.5	
PENOLTHALEIN ALKALINITY		6	0	2	0	4	0	6	6	
METHYL ORANGE ALKALINITY		56	190	84	164	160	150	60	192	
CARBONATES AS CaCO <sub>3</sub>		12	0	4	0	8	0	12	12	
BICARBONATES AS CaCO 3		44	1 90	80	164	152	150	48	180	
CHLORIDES AS C1		10	50	10	2 0	20	26	10	134	
HARDNESS AS CaCO3		6 6	9 0	100	66	50	42	60	60	
IRON AS Fe		0.04	0 .71	0.04	0 .10	0.0 5	0.05	0.04	0 .19	
FLUORIDE	AM PM	0.90	0.18	0.94 1.16	0 .19	0.12	0.10	0.86 0.86	0.89	
CHLORINE RESIDUAL		1.0	1 .4	1.2	1.6	1.2	1.0	1.0	1 .2	
TUŖBIDITY	AM PM	0.6	1 .3	0.8	0.5	0.4	0.5	0.3	1.7	
TOTAL PHOSPHATE	•		0 .69			1.00				
ORTHO PHOSPHATE			0 .66			0.16	4.9			
META PHOSPHATE			0 .03			0.84				
STABILITY		+0.3	-0.6	0.0	-0.6	+0.1	-0.6	+0.2	+0.1	

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

DATE OF ANALYSIS

June 1984

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CHEMIĆAL ANALYSIS — WAT MCBCL 11330/3 (REV. 3-82)	ER TREATMENT	PLANTS			HE BEIG			DATE COLLECT	
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
РН	9.0	7.4	8.1	7.5	8.4	8,4	9.0	8.8	
ENOLTHALEIN LKALINITY	8	0.	0	0	4	2	6	14	
ETHYL ORANGE LKALINITY	50	180	80	160	160	156	56	160	
ARBONATES AS CaCO3	16	0	0	0	8	4	12	28	
ICARBONATES S CaCO <sub>3</sub>	34	180	80	160	152	152	44	132	
HLORIDES AS C1	10	30	10	16	18	20	10	120	
ARDNESS AS CaCO3	50	82	98	60	56	38	54	50	
RON AS Fe	20,04	(0.62)	40.04	0.68	40.04	0.06	20.04	0.07	
LUORIDE	0.72	0.18	0.89 68	0,17	0.11	0,10	0.70,72		
CHLORINE RESIDUAL	1,0	1,4	1,1	1,6	1.5	0.8	0.7	1.2	
URBIDITY	0.15	0.68	0.22	0.37	0.29	0.57	0,20,26		
OTAL PHOSPHATE .		1,62			1,40				
PRTHO PHOSPHATE		0.96			0.04				200
ETA PHOSPHATE		0.66			1.36				
TABILITY	40.3	-01	21	. 47	101	11	14.7	1	11

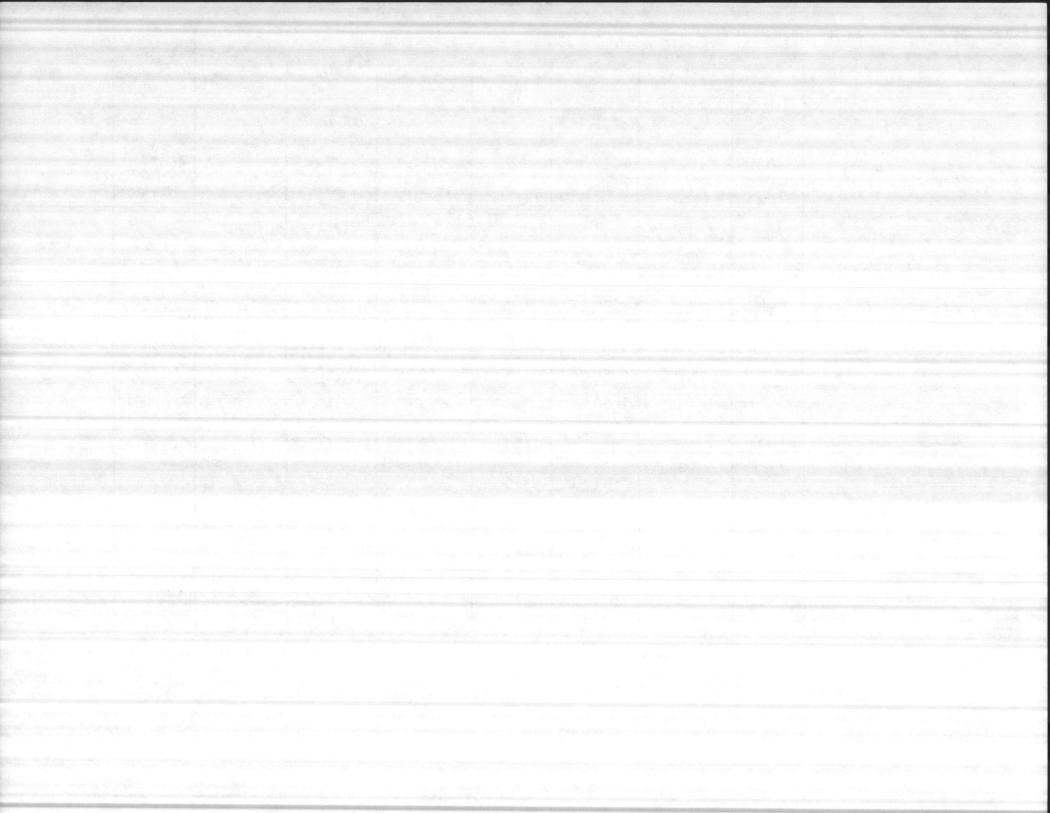
NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, LABORATORY ANALYSIS BY and specific conductance. One liter of potable water is assumed to weigh one kilogram.

BURNS & NUNPYCUTT

DATE OF ANALYSIS

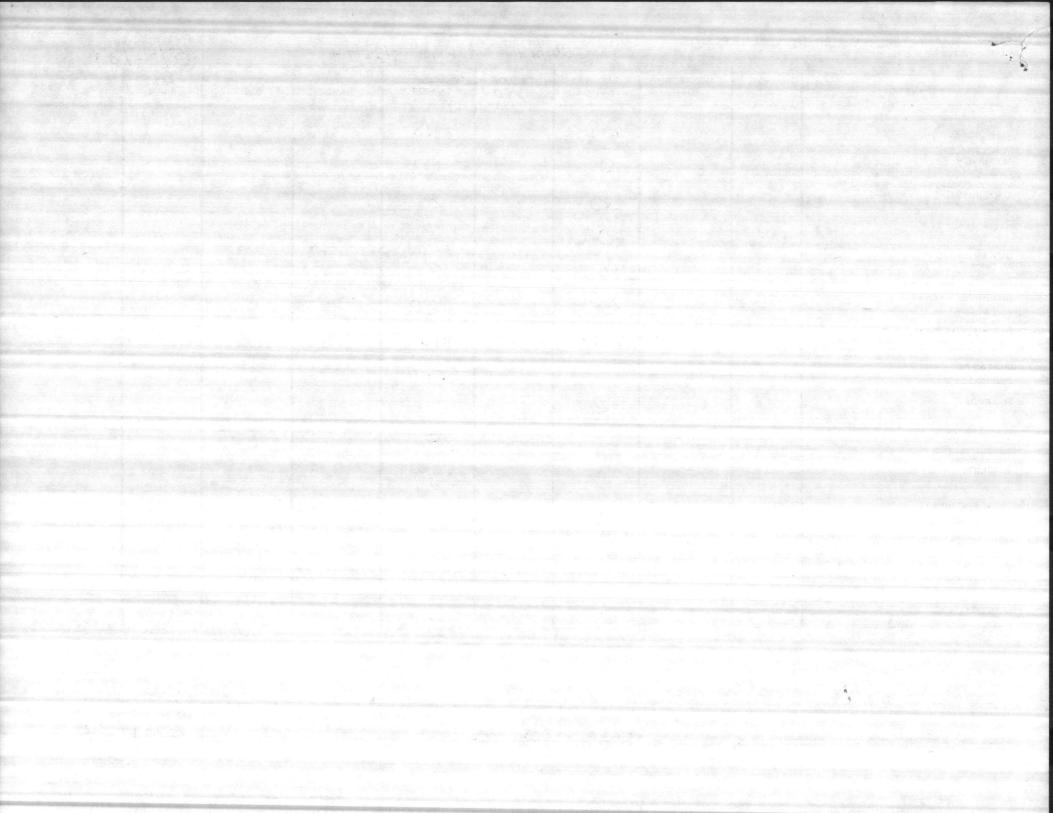
5/29/8 4

REMARKS



	HADNOT	MONTFORD	TARAWA	ONSLOW	COURTHOUSE	RIFLE	носсомв	NEW	
PARAMETER	POINT	POINT	TERRACE	BEACH	BAY	RANGE	BLVD	RIVER	•
н : : : : : : : : : : : : : : : : : : :			6.7		4.18				
PENOLTHALEIN LIKALINITY			0		0				
ETHYL ORANGE LKALINITY			16		2				
CARBONATES AS CACO3			0		0				
SICARBONATES S CaCO 3			16		2	Berger of the second			
CHLORIDES AS C1			200		220				
ARDNESS AS CaCO3			100		110				
RON AS Fe					20.04				
LUORIDE									183 × 192 × 1
HLORINE RESIDUAL					2 <sup>(+)</sup>				
URBIDITY					0.17				7
TOTAL PHOSPHATE									
DRTHO PHOSPHATE									
META PHOSPHATE									
TABILITY								ELECTRIC TO SERVICE TO	
REMARKS									

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.



MCBCL 11330/3 (REV. 3-82)	COMPL	AWIS /	DRAWA TE	KRACE		-		5/15	184
PARAMETER	HAGHOT POINT 9/5	POINT 2267	TARAWA TERRACE /277	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
PH	8.4	8,3	8.4						
PENOLTHALEIN ALKALINITY	2	2	2	en e					
METHYL ORANGE ALKALINITY	52	50	50						
CARBONATES AS CaCO3	4	4	4						
BICARBONATES AS CaCO <sub>3</sub>	48	46	46						
CHLORIDES AS C1	10	10	10					g g = 20	
HARDNESS AS CaCO <sub>3</sub>	70	70	70						
RON AS Fe	0.05	0.05	0.07	agita di dia di					
FLUORIDE	1.16	1.16	1.16		ı		A state of the sta		
CHLORINE RESIDUAL	0.9	1.0	1.0						
TURBIDITY	0.37	0.26	1.08						
TOTAL PHOSPHATE					Control of the Contro				
ORTHO PHOSPHATE									
META PHOSPHATE									
STABILITY									
REMARKS									
Coli-Fo	en 915- 2267 1271.	5/16/84	= Ø	. 1. 78	: 2267				

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

DATE OF ANALYSIS

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				V \$ 13/12		

CMMICAL ANALYSIS	- WATER TREA	TMENT PLANTS
MCRCI 11330/3 (REV 3-82)		

+0.3

-0

STABILITY

REMARKS

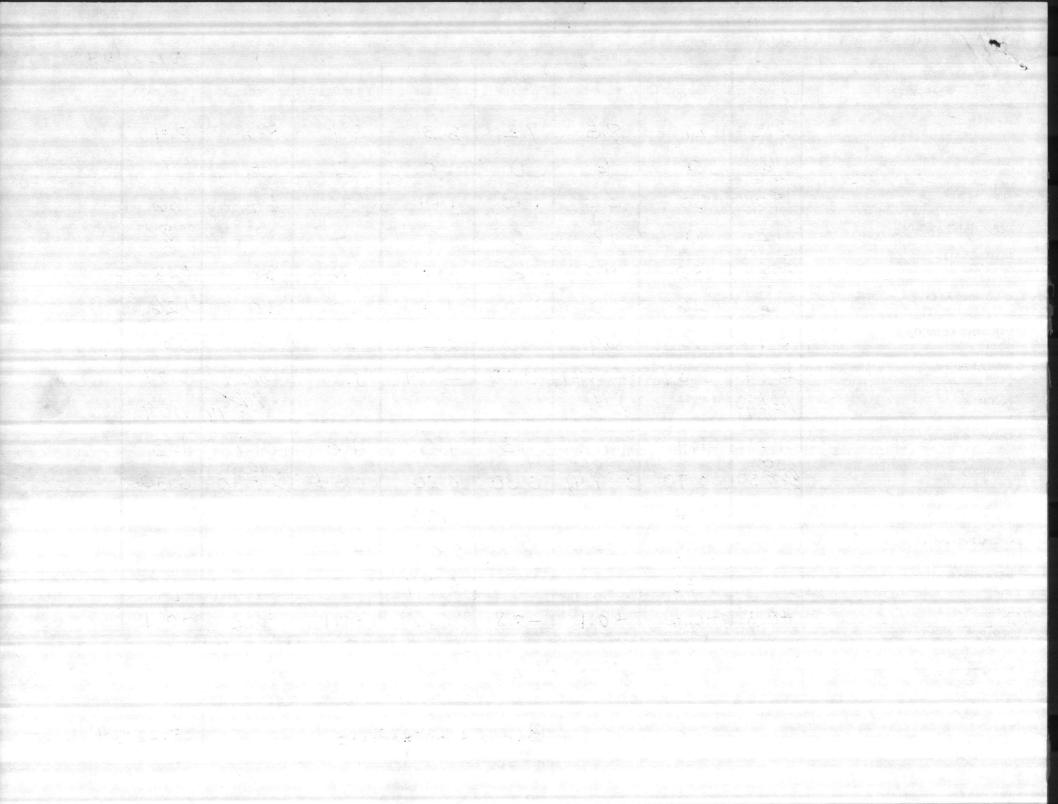
was MR PRICE DATE COLLECTED 5/22/84 MONTFORD **ONSLOW** COURTHOUSE HADNOT **TARAWA** RIFLE HOLCOMB NEW PARAMETER POINT POINT TERRACE BEACH BAY RANGE BLVD RIVER PH 8.5 8.5 7.2 8.3 8, 8.4 PENOLTHALEIN ALKALINITY 6 6 6 METHYL ORANGE 52 ALKALINITY 50 180 136 60 44 50 64 CARBONATES AS CaCO3 8 8 12 12 0 12 0 **BICARBONATES** 38 AS CaCO 3 40 32 56 180 60 46 28 **CHLORIDES AS C1** 6 26 0 126 10 20 10 10 HARDNESS AS CaCO3 54 70 60 52 70 58 60 60 **IRON AS Fe** 0.57 0.07 40.04 0.10 20.04 40.04 0.06 40.04 1,08 **FLUORIDE** 0.99 1.09 0.91 0.99 **CHLORINE RESIDUAL** 1.4 1,3 ,5 , 2 .0 .0 0.50.50 TURBIDITY 6.70 0.30 0.20 0.54 0.50 **TOTAL PHOSPHATE** 1.46 ,00 ORTHO PHOSPHATE 0.88 0.0 META PHOSPHATE 0.99 0.58

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, LABORATORY ANALYSIS BY DATE OF ANALYSIS and specific conductance. One liter of potable water is assumed to weigh one kilogram. Buens & LACHAPPELLE

+0v

+0.

10.2



CHEMICAL ANALYSIS — WA MCBCL 11330/3 (REV. 3-82)	TER TREATMENT	PLANTS			MR	PRICE		DATE COLLECTI	
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
РН	8.6	7.1	8.3	7.3	8.1	8.2	8.6	8.5	
PENOLTHALEIN ALKALINITY	4	0	2	0	0	0	4	14	
METHYL ORANGE ALKALINITY	50	180	60	164	150	136	60	140	
CARBONATES AS CaCO <sub>3</sub>	8	0	4	0	0	0	8	28	
BICARBONATES AS CaCO 3	42	180	56	164	150	136	52	112	
CHLORIDES AS C1	10	26	10	20	14	20	10	160	
HARDNESS AS CaCO <sub>3</sub>	56	72	70	70	68	54	60	60	
IRON AS Fe	20.04	0.85	20.04	0.08	0.16	0.05	20.04	0.10	
FLUORIDE	0.99		0.91				0.95,09	and the second second second	
CHLORINE RESIDUAL	11.0	1.3	1.0	1, 2	1.3	1.0	0.9	1,3	
TURBIDITY	0.31	1.15	0.29	0,32	0.41	0.39	020	0.55	
TOTAL PHOSPHATE		4.05			1,84				

0.32

1.52

0.0

+0,1

+0.2

+0.1

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram. LABORATORY ANALYSIS BY DATE OF ANALYSIS BURNS & LACHAPALLE

-0.6

1,62

2.43

ORTHO PHOSPHATE

META PHOSPHATE

STABILITY

REMARKS

					<u>.</u>			0	
					To August .	- Company	an Visit		
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			erina erina di serina di serin		The second of the second dis-	eriology company			
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CHEMICAL ANALYSIS -	WATER	TREATMENT	<b>PLANTS</b>	
MCBCL 11330/3 (REV 3-82)				

MR PRICE DATE COLLECTED 5/8/84 HADNOT MONTFORD TARAWA ONSLOW COURTHOUSE HOLCOMB RIFLE NEW PARAMETER POINT POINT TERRACE BEACH BAY RANGE BLVD RIVER PH 8.4 7.2 8.2 8.2 8.6 7.3 8.6 PENOLTHALEIN ALKALINITY 4 0 0 METHYL ORANGE ALKALINITY 74 46 166 60 54 144 140 44 CARBONATES AS CaCO<sub>3</sub> 0 8 0 8 4 0 0 **BICARBONATES** AS CaCO3 38 174 46 56 166 40 44 40 CHLORIDES AS C1 30 10 12 14 10 10 60 16 HARDNESS AS CaCO3 78 76 68 60 68 56 50 76 **IRON AS Fe** 0.09 0.55 40.04 40.04 0.15 0.05 0.06 €0.07 1.06 1.09 FLUORIDE 7.09 1,09 0.91 0.83 CHLORINE RESIDUAL 13 ,2 . 3 .0 .0 1.0 1.2 0,20 0.50 3,60 TURBIDITY 0.42 0.90 0.30 1.60 0.35 0.51 0.6 2.14 TOTAL PHOSPHATE 2.95 1.13 ORTHO PHOSPHATE 1.54 0.32 META PHOSPHATE 1.4 0.8 STABILITY +0,3 -0,5 +0,2 0.0 +0.3 0.0 +0.2

NOTE:	All results reported in parts per million unless otherwise noted except for pH, temperature
	and specific conductance. One liter of potable water is assumed to weigh one kilogram

REMARKS

LABORATORY)ANALYSIS BY

1 May 1984

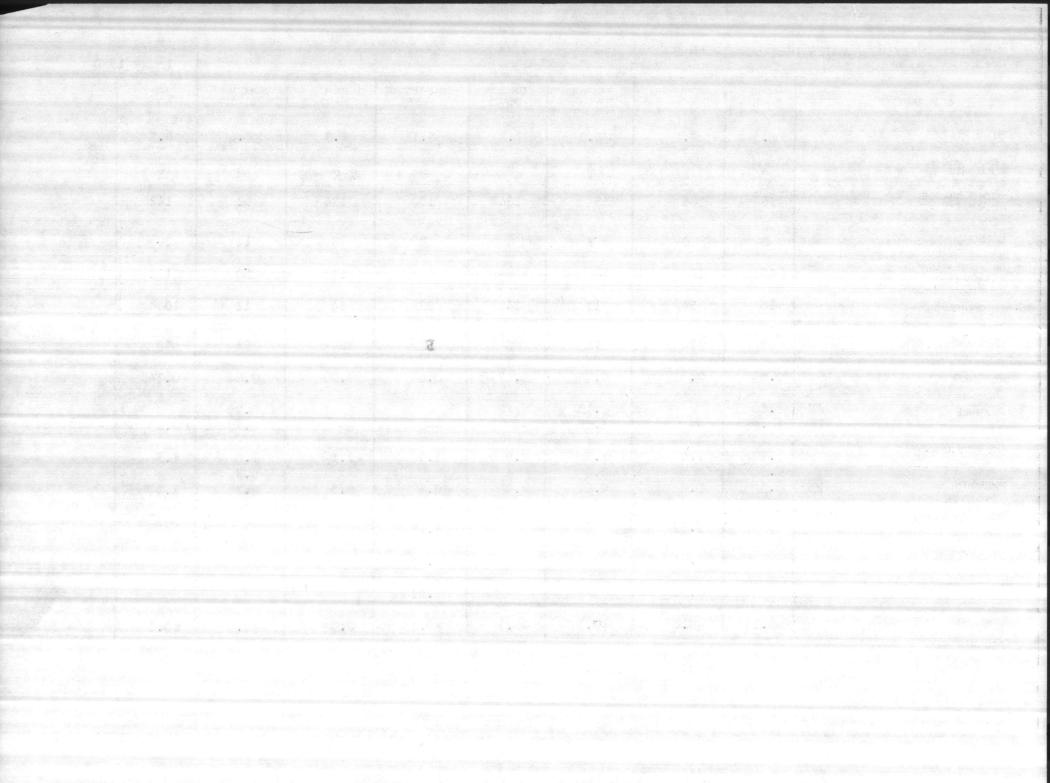
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
PH	8.5	7-1	8.3	7.2	8.1	8.3	8.6	8.5	
PENOLTHALEIN ALKALINITY	4	0	4	0 **	4	4	6	10	
METHYL ORANGE ALKALINITY	56	186	58	164	160	134	62	142	
CARBONATES AS CaCO <sub>3</sub>	8	0	8	8	8	8	12	20	
BICARBONATES AS CaCO 3	48	186	50	164	152	126	50	122	
CHLORIDES AS C1	10	34	12	24	22	24	12	168	
HARDNESS AS CaCO <sub>3</sub>	62	74	78	80	52	38	62	58	
IRON AS Fe	0.04	0.55	0.04	0.17	0.08	0.09	0.04	0.14	
FLUORIDE AM PM	1.20		1.13			1	0.99	0.83	
CHLORINE RESIDUAL	1.1	1.4	1.0	*0.9	1.5	1.1	1.0	1.5	
TURBIDITY	0.2	0.6	0.6	0.4	0.4	0.5	0.3	1.1	
TOTAL PHOSPHATE		1.52			1.76		A Second Second		
ORTHO PHOSPHATE		1.21			0.25		20024		
META PHOSPHATE		0.31		4.0	1.51				
STABILITY	+0.1	-0.6	+0.1	-0.7	+0.1	0.0	+0.3	+0.2	

REMARKS

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, LABORATORY ANALYSIS BY and specific conductance. One liter of potable water is assumed to weigh one kilogram.

DATE OF ANALYSIS 1 May 1984

<sup>\*</sup> Operator (Cannon) did not have Cl2 on bottle. Phoned in later.

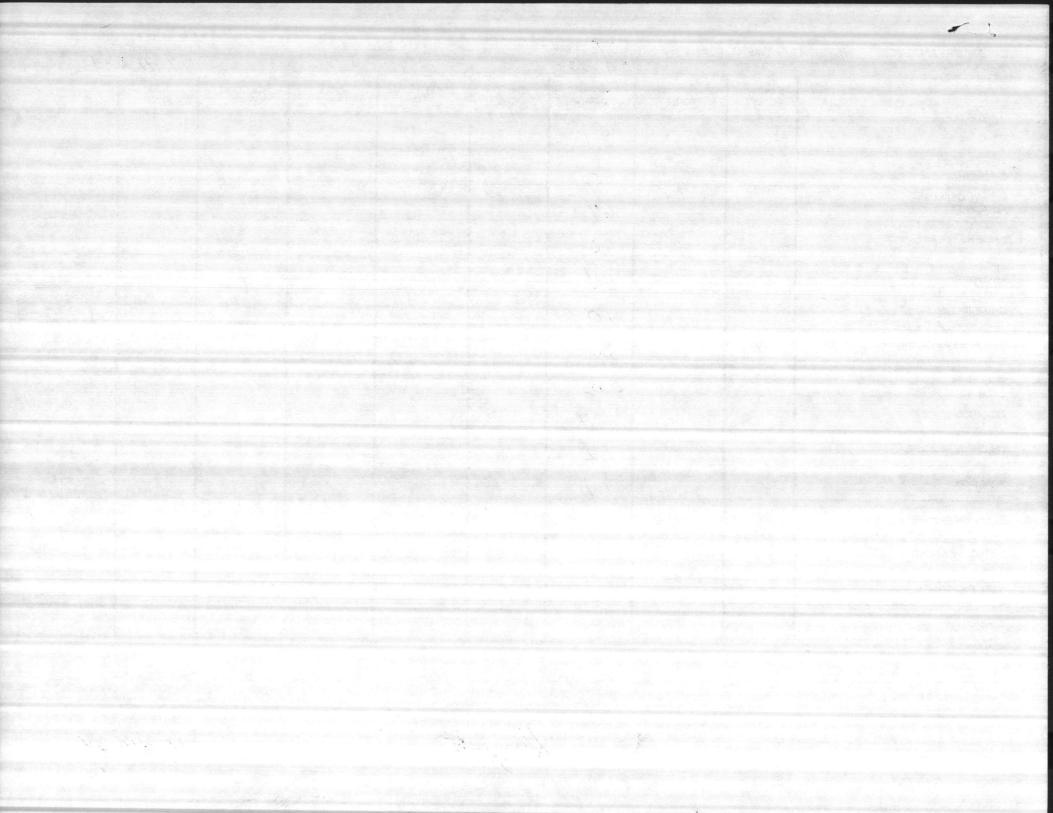


Mr. Price DATE COLLECTED 17 APR 84

	014 7333					The same is a second of the same	1/1/1/1001	
HADNOT POINT	MONTFORD POINT	TARAWA TERRAGE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
		8.1						
		64						
		20						
		44						1 - A - A - A - A - A - A - A - A - A -
		10						1 742
		86						
		0.05						
		1.04						
		1.2						
		1.1						
								ing Town are by
							5-	
	HADNOT POINT	HADNOT POINT MONTFORD POINT	HADNOT POINT FARAWA TERRAGE  8.1  10  64  20  44  10  86  0.05  1.04  1.2	HADNOT POINT TARAWA TERRACE SEACH  8.1  10  64  20  44  10  86  0.05  1.04  1.2	HADNOT   MONTFORD   TARAWA   TERRAGE   S.	HADNOT   MONTFORD   TARAWA   TERRAGE   BEACH   COURTHOUSE   RIFLE   RANGE	HADNOT   MONTFORD   TARAWA TERRACE   ONSLOW   BEACH   COURTHOUSE   RANGE   HOLCOMB   BLVD	HADNOT   MONTFORD   TARRAWA TERRAGE   BEACH   COURTHOUSE   RIFLE   RANGE   HOLCOMB   NEW RIVER

REMARKS

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.



## QUALITY CONTROL LABORATORY REPORT MISCELLANEOUS BACTERIOLOGICAL ANALYSIS OF WATER

MCBCL 11339/8 (REV. 4/78)

WATER TYPE Potable	SAMPLE COLLECTED E		DATE COLLECTED 17 APR 84
LOCATION	MARKED		COLIFORM
. /		TOTAL	FECAL
Bld 1533		Ø	
	27-		
REMARKS			
SIGN MURE			Inate
& Spiner cuts	1		DATE 18 APR 84
COPY TO			
NREAD		BASE PRE	VENTIVE MEDICINE
UTILITIES DIRECTOR			VENTIVE MEDICINE
	NT (GENERAL FOREMAN)	1 File	



CHEMICAL ANALYSIS - WATER TREATMENT PLANTS

Mr. Price

DATE COLLECTED 17 April 1984 MCBCL 11330/3 (REV. 3-82) HADNOT MONTFORD TARAWA **ONSLOW** COURTHOUSE RIFLE HOLCOMB NEW CHB TT Flant 1539 BAY BLVD RIVER PARAMETER POINT TERRACE BEACH RANGE POINT PH 8.9 8.3 8.2 8.6 9.0 7.3 8.5 7.4 8.2 PENOLTHALEIN ALKALINITY 8 10 0 2 0 6 METHYL ORANGE 64 174 170 60 150 64 158 170 ALKALINITY 54 184 8 4 0 8 8 16 20 8 12 0 CARBONATES AS CaCO3 **BICARBONATES** 42 158 162 162 44 130 166 56 AS CaCO3 184 60 8 64 16 10 **CHLORIDES AS C1** 14 20 8 36 12 18 68 56 58 50 76 58 78 74 60 6 0 HARDNESS AS CaCO3 **IRON AS Fe** 0.04 0.60 0.27 0.05 0.04 0.07 0.04 0.13 0.04 0.04 AM 1.15 0.98 0.98 FLUORIDE 0.12 1.01 PM 1.16 0.16 1.01 0.19 0.12 0.10 0.89 0.60 **CHLORINE RESIDUAL** 1.0 1.2 1.1 1.0 0.9 1.0 0.9 1.2 0.8 1.0 AM 0.3 0.2 TURBIDITY 2.2 1.1 PM 0.3 0.4 0.6 0.4 0.2 1.0 0.3 0.5 TOTAL PHOSPHATE 1.54 4.20 **ORTHO PHOSPHATE** 1.54 0.25 META PHOSPHATE 2.66 1.29

STABILITY REMARKS

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

+0.4

-0.5

+0.1

LABORATORY ANALYSIS BY

+0.1

+0.1

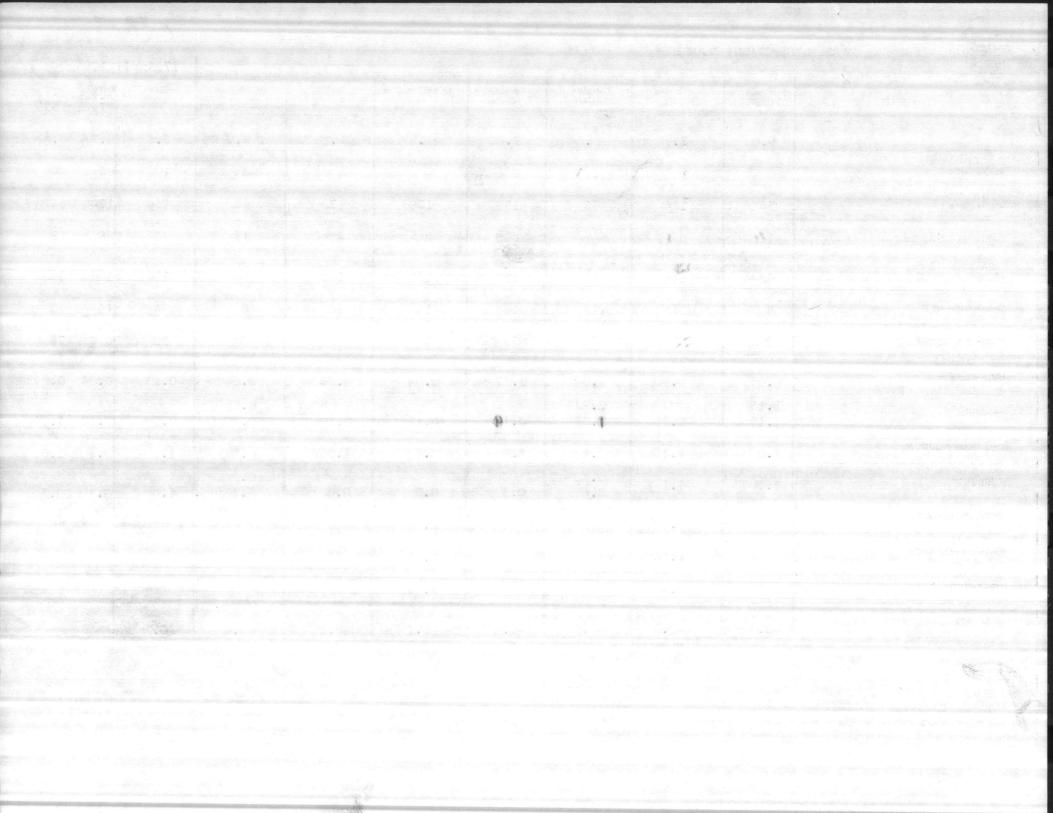
+0.4

-0.5

DATE OF ANALYSIS

+0.2

17 April 1984



DATE COLLECTED

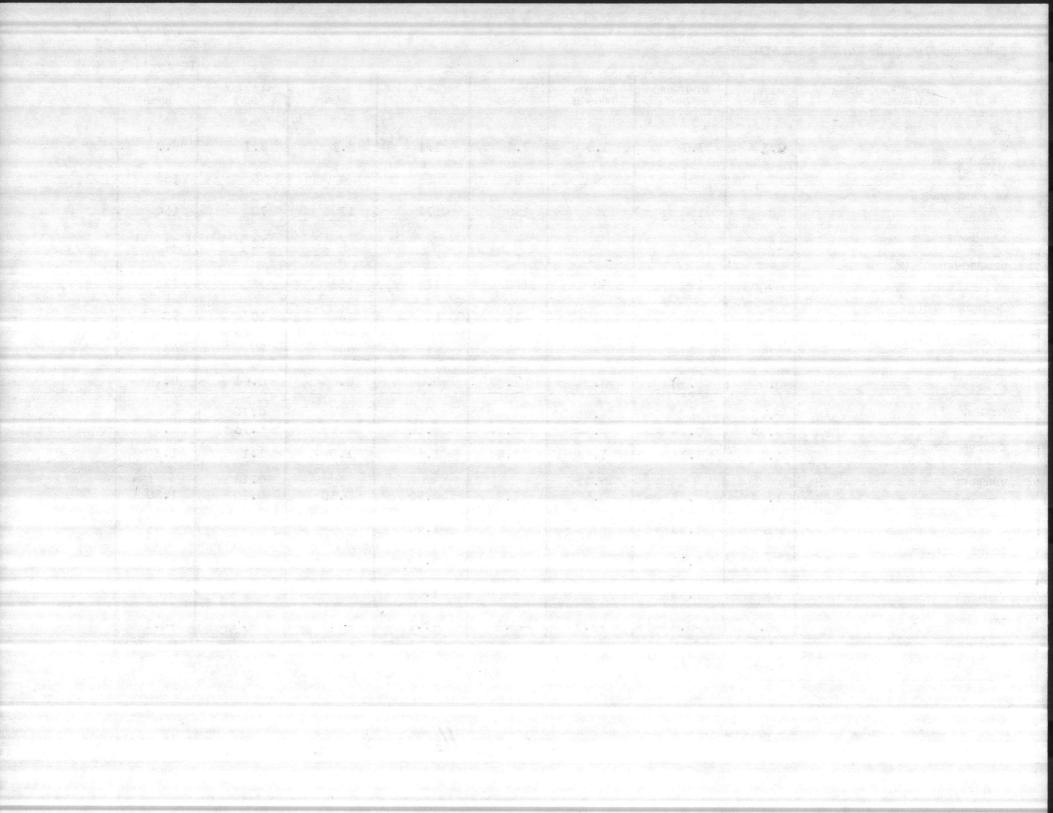
10 April 1984

PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
PH	9.1	7.3	3.9	7.4	8.2	8.2	8.7	9.0	
PENOLTHALEIN ALKALINITY	8	0	4	0	2	4	6	16	
METHYL ORANGE ALKALINITY	60	190	54	160	176	170	70	154	
CARBONATES AS CaCO <sub>3</sub>	16	0	8	0	4	8	12	32	
BICARBONATES AS CaCO <sub>3</sub>	44	190	46	160	172	162	58	122	
CHLORIDES AS C1	8	32	8	16	14	14	10	98	
HARDNESS AS CaCO <sub>3</sub>	62	84	64	58	62	64	70	48	
IRON AS Fe	0.04	0.58	0.04	1.27	0.04	0.06	0.04	0.14	
FLUORIDE AM	0.85		1.05	0.17	0.10	0.09	0.76	0.64	
CHLORINE RESIDUAL	0.99	1.3	1.0	1.4	1.5	1.0	1.1	1.2	
TURBIDITY AM PM	1.40	0.76	0.29	1.2	0.30	0.30	0.18	1.30	
TOTAL PHOSPHATE	1.40	2.60	0.00		1.40				
ORTHO PHOSPHATE		1.26			6.25				
META PHOSPHATE		1.34			1.15				ey sa di Pe
STABILITY	+0.5	-0.6	+0.3	-0.8	-0.1	-0-1	+0.3	+0.1	
REMARKS				Refe	T., 26	I RON	out o	f Punp	

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, LABORATORY ANALYSIS BY and specific conductance. One liter of potable water is assumed to weigh one kilogram.

+ Burns

DATE OF ANALYSIS 10 April 1984



CHEMICAL ANALYSIS - WATER TREATMENT PLANTS

MCBCL 11330/3 (REV. 3-82)

DATE COLLECTED

3 APR 84 COURTHOUSE ONSLOW HOLCOMB NEW HADNOT MONTFORD **TARAWA** RIFLE BAY RIVER PARAMETER POINT POINT TERRACE BEACH RANGE BLVD PH 8,8 7.4 8.3 8.3 8.8 8.5 8.7 PENOLTHALEIN 8 8 ALKALINITY 8 18 24 METHYL ORANGE 190 58 ALKALINITY 16 56 180 156 176 166 CARBONATES AS CaCO3 36 0 16 0 48 6 16 **BICARBONATES** 8 190 22 AS CaCO<sub>3</sub> 40 156 164 160 118 **CHLORIDES AS C1** 14 14 36 20 20 20 20 104 HARDNESS AS CaCO3 62 76 64 54 66 58 66 78 **IRON AS Fe** 0.04 0.95 0.08 0.32 0.04 0.08 0.04 0.04 AM 1.00 0.89 0.98 **FLUORIDE** 0.09 BM 0,99 0,16 0,88 0.18 0.93 0.53 0.10 **CHLORINE RESIDUAL** 0,9 1.3 1.3 1.3 1.0 1.0 0.20 TURBIDITY 1.40 0,30 1,20 0,20 0.30 0,20 0.70 0,50 TOTAL PHOSPHATE 3.85 1.30 ORTHO PHOSPHATE 1.54 0,32 META PHOSPHATE 2.31 0.98 + +0,3 + STABILITY 0. 0.5 0.0 0. 0 REMARKS

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, LABORATORY ANALYSIS BY and specific conductance. One liter of potable water is assumed to weigh one kilogram.

exercett + Burns

DATE OF ANALYSIS

Trice

Mr. Price

27 March 1984

CHEMICAL ANALYSIS — WATER TREATMENT PLANTS
MCBCL 11330/3 (REV. 3-82)

PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
РН	8.7	7.3	8.8	7.4	8.0	8.1	8.7	8.6	
PENOLTHALEIN ALKALINITY	4	0	6	0	4	6	6	12	
METHYL ORANGE ALKALINITY	60	188	54	160	178	172	66	162	
CARBONATES AS CaCO <sub>3</sub>	8	0	12	0	8	12	12	24	
BICARBONATES AS CaCO 3	52	188	42	160	170	160	54	138	•
CHLORIDES AS C1	10	34	12	14	20	20	12	110	
HARDNESS AS CaCO <sub>3</sub>	66	76	64	60	66	48	66	58	
IRON AS Fe	0.04	0.58	0.04	0.25	0.04	0.06	0.04	0.15	
FLUORIDE AM PM	0.98	0.16	1.07	0.13	0.11	0-10	0.77	0,63	
CHLORINE RESIDUAL	1.0	1.2	1.2	1.3	1.2	0.9	1.1	1.3	
TURBIDITY				MACHINE	DOWN				
TOTAL PHOSPHATE		4.60			3.45				
ORTHO PHOSPHATE		1.68			0.48				
META PHOSPHATE		2.92			2.97				
STABILITY	+0.2	-0.6	+9.3	-9.6	-0.2	-0.2	+0.3	+0+2	

REMARKS

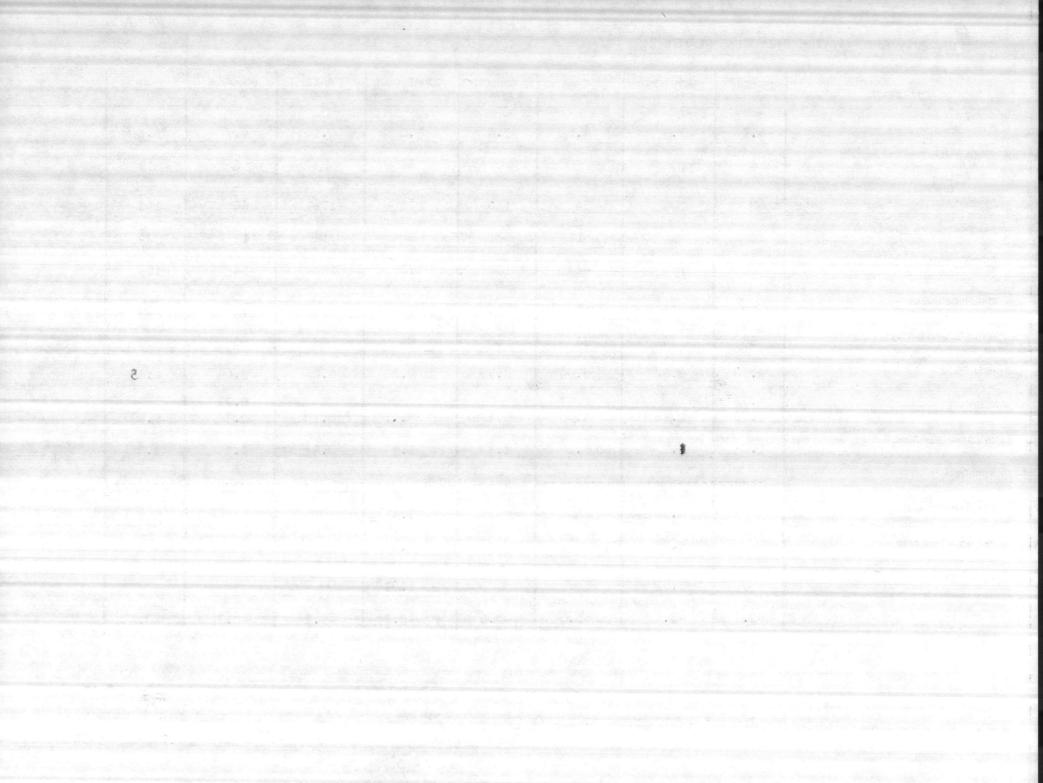
NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

LABORATORY ANALYSIS BY

Spregant

DATE OF ANALYSIS

27 March 1984



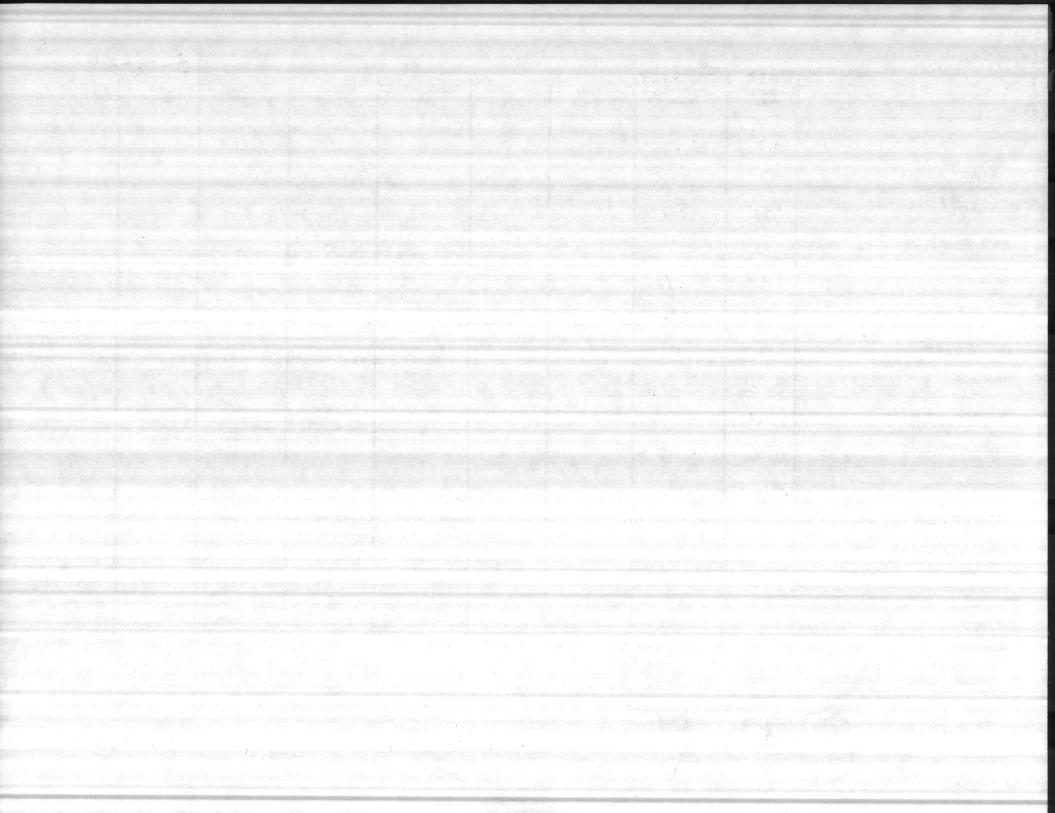
CHEMICAL ANALYSIS — WATER TREATMENT PLANTS
MCBCL 11330/3 (REV. 3-82) 3-13-84 MCBCL 11330/3 (REV. 3-82) TT 3327 MONTFORD HOLCOMB NEW COURTHOUSE RIFLE POINT TARAWA **ONSLOW** BLVD RIVER BEACH BAY RANGE TERRACE **PARAMETER** POINT PH 7.8 8,3 PENOLTHALEIN ALKALINITY 0 METHYL ORANGE 132 ALKALINITY CARBONATES AS CaCO3 0 **BICARBONATES** 132 AS CaCO3 8 8 **CHLORIDES AS C1** 140 HARDNESS AS CaCO3 100 **IRON AS Fe** 5.2 0.06 **FLUORIDE** 0.38 0.15 CHLORINE RESIDUAL 0.0 0.8 TURBIDITY 710.0 TOTAL PHOSPHATE **ORTHO PHOSPHATE** META PHOSPHATE STABILITY REMARKS COLI-FORM: 0

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

LABORATORY ANALYSIS BY

DATE OF ANALYSIS

DATE COLLECTED

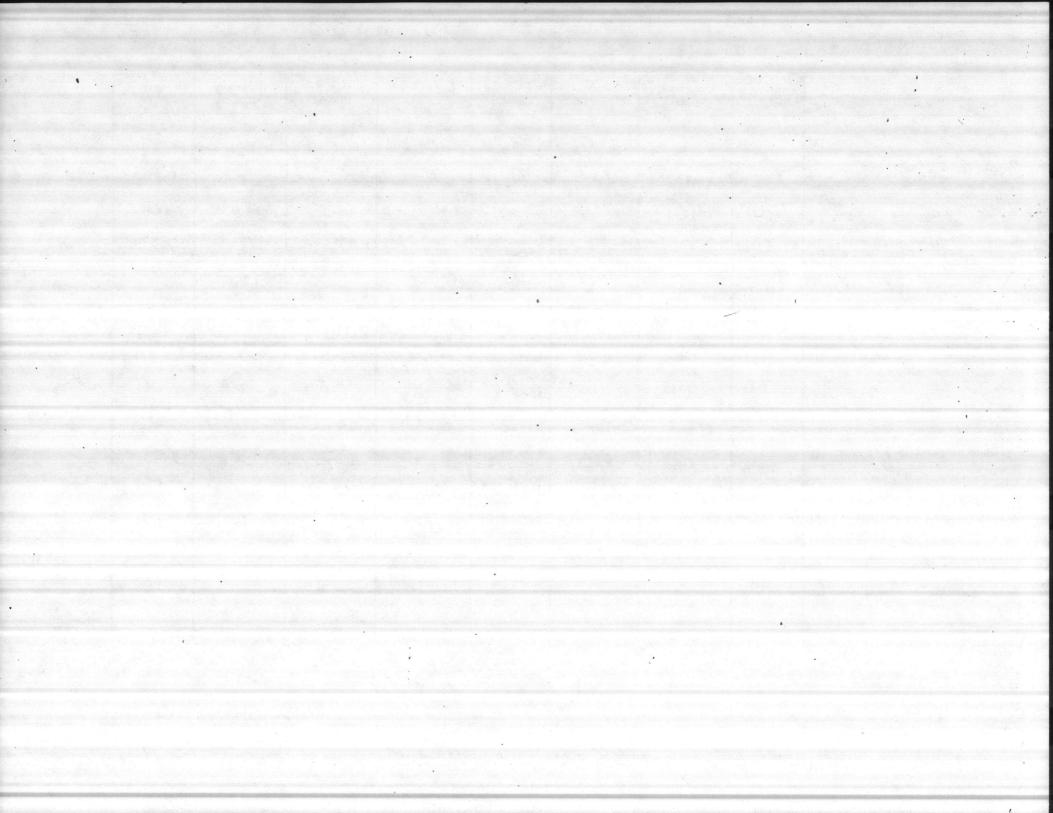


HR PRICE

DATE COLLECTED 84

MCBCL 11330/3 (REV. 3-82)	3CL 11330/3 (HEV. 3-82)							3-12 91		
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER		
PH	8.8	7.4	8.2	7.7	8.6	8.1	8.9	8.6		
PENOLTHALEIN ALKALINITY	6	0	0	0	6:	0	8	.16		
METHYL ORANGE ALKALINITY	60	190	74	140	148	160	60	190		
CARBONATES AS CaCO <sub>3</sub>	12	0	0	0.	12.	0	16:	32	2/6	
BICARBONATES AS CaCO <sub>3</sub>	48	190	74	140	136	160	44	158		
CHLORIDES AS C1	10	30	8	20	10	20	8	90		
HARDNESS AS CaCO <sub>3</sub>	64	76	100	60	60	56	64	44		
IRON AS Fe	40.04	(2.00)	0.06	6.21	20.04	20.04	20.04	0.06		
FLUORIDE	0.45	0.16	037.42	6.18	0.11	0.10	0.36	0.76		
CHLORINE RESIDUAL	100 x	1.2	1.0	1.4	1,4	1.2	0.9	1.3		
TURBIDITY				* ¥	Take 1					
TOTAL PHOSPHATE	1	5.45			1.46					
ORTHO PHOSPHATE		2.26			0.28					
META PHOSPHATE		3.19			1.18					
STABILITY	10,2	-0.6	0.0	-0.6	+0.2	-0.2	+0.3	+0.1		

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, LABORATORY ANALYSIS BY and specific conductance. One liter of potable water is assumed to weigh one kilogram.

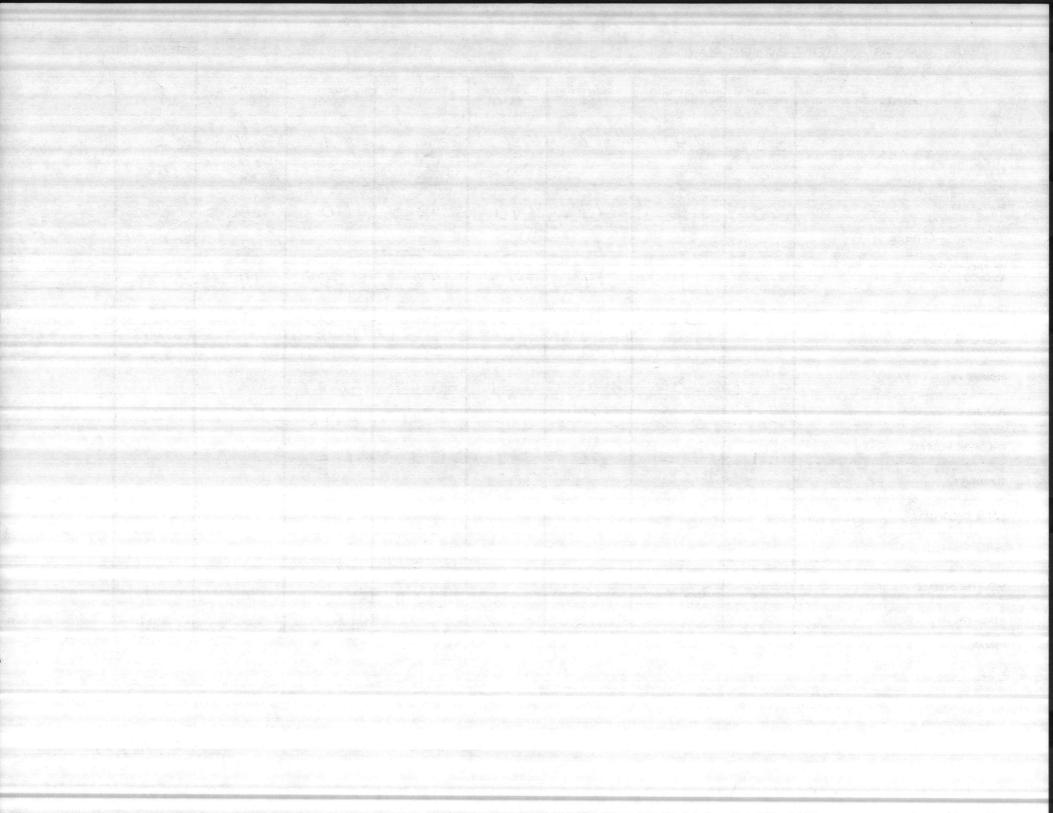


HR PRICE

MCBCL 11330/3 (NEV. 3-02)					and the second second	3 . 2			
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
PH	8.8	7.4	8.2	7.7	8.6	8.1	8.9	8.6	
PENOLTHALEIN ALKALINITY	6	0	0	0	6	0	8	16	
METHYL ORANGE ALKALINITY	60	190	74	140	148	160	60	190	
CARBONATES AS CaCO <sub>3</sub>	12	0	0	0	12	0	16	32	
BICARBONATES AS CaCO <sub>3</sub>	48	190	74	140	136	160	44	158	
CHLORIDES AS C1	10	30	8	20	10	20	8	90	
HARDNESS AS CaCO <sub>3</sub>	64	76	100	60	60	56	64	44	
IRON AS Fe	40.04	(2.00)	0.06	6.21	20.04	20.04	20.04	0.06	
FLUORIDE	0.45	0.16	637.42	6.18	0.11	0.10	036.36	0.76	
CHLORINE RESIDUAL	1.1	1.2	1.0	1.4	1,4	1.2	0.9	1.3	
TURBIDITY									4.7°
TOTAL PHOSPHATE		5.45			1.46				
ORTHO PHOSPHATE		2.26			0.28				
META PHOSPHATE		3.19			1.18				
STABILITY	10,2	-0.6	0.0	-0.6	+0.2	-0.2	+0.3	+0.1	

REMARKS

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.



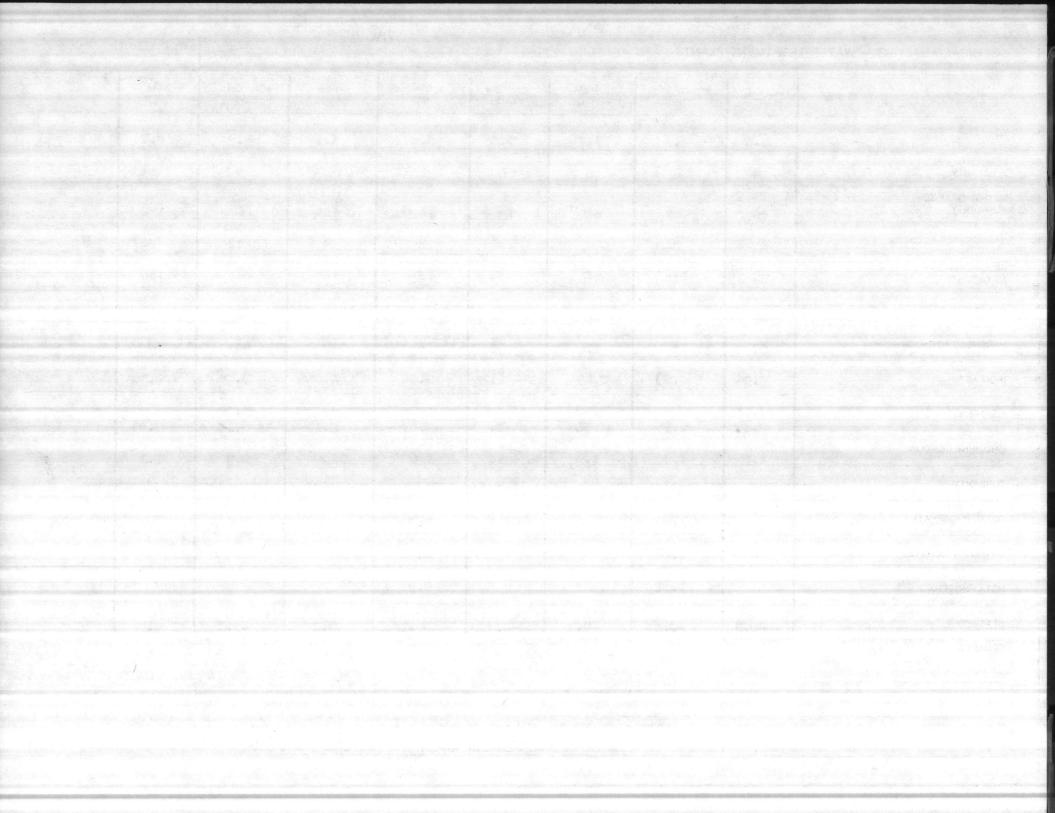
MR PRICE

CHEMICAL ANALYSIS - WATER TREATMENT PLANTS MCBCL 11330/3 (REV. 3-82)

DATE COLLECTED

MCBCL 11330/3 (REV. 3-82)								6 HARCE	1984
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
РН	8.8	7.5	7.7	7.5	8.4	8.3	8.9	8.7	
PENOLTHALEIN ALKALINITY	4	0	0	0	4	2	6	12	
METHYL ORANGE ALKALINITY	44	184	140	14 4	16.0	164	60	180	
CARBONATES AS CaCO3	8	0	0	0	8	4	12	24	100
BICARBONATES AS CaCO <sub>3</sub>	36	184	140	144	152	160	48	156	
CHLORIDES AS C1	10	30	14	14	20	20	10	86	
HARDNESS AS CaCO <sub>3</sub>	62	74	160	52	56	52	64	50	
RON AS Fe	0.04	0.55	0.08	0.20	0.04	0.08	0.04	0.10	
FLUORIDE AM		0.16	0.63	0.19	0.09	0.10	0.20	0.82	
CHLORINE RESIDUAL	1.0	1.3	1.0	1.0	1.0	1.0	0.9	1.3	
FURBIDITY			На	chine down	***************************************				
TOTAL PHOSPHATE		2.40			1.10				
ORTHO PHOSPHATE		1.09		1	0.19				
META PHOSPHATE		1.31			0.91				
STABILITY	+0.3	-0.6	-0.2	-0.5	+0.1	0.0	+0.5	0.0	

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.



MR PRICE

CHEMICAL ANALYSIS — WATER MCBCL 11330/3 (REV. 3-82)	TREATMENT	PLANTS			<u> </u>	DATE COLLECTED 28 FeB 8 4			
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
РН	8.7	7.4	7.6	7.6	7,8	8.2	8.6	8.6	
PENOLTHALEIN ALKALINITY	6	0	0	0	0	. 2	4	8	
METHYL ORANGE ALKALINITY	60	180	106	140	160	160	66	140	
CARBONATES AS CaCO <sub>3</sub>	12	0	0	0	0	4	8	16	The grant of the second
BICARBONATES AS CaCO 3	48	180	106	140	160	156	58	124	
CHLORIDES AS C1	10	30	8	20	18	24	18	94	
HARDNESS AS CaCO3	64	74	140	60	64	52	78	60	
IRON AS Fe	20.04	(0.48)	40.04	0.25	20.04	0.08	20.04	0.20	
FLUORIDE	0.22	0.14	6.7058	0.17	0.09	0.09	020,17	0.56	
CHLORINE RESIDUAL	0.8	1,3	1.0	1.3	1.5	1.1	0.9	1.4	
TURBIDITY	21.0	41,0	41.0	41.0	41.0	21,0	41.0	41.0	
TOTAL PHOSPHATE		3,45			0.35				
ORTHO PHOSPHATE		1,26			0.10				
META PHOSPHATE		2.19			0.25				
STABILITY	+03	-0.5	-0.3	-0.4	-0,3	0.0	+0.2	+0.1	

REMARKS

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

LABORATORY ANALYSIS BY

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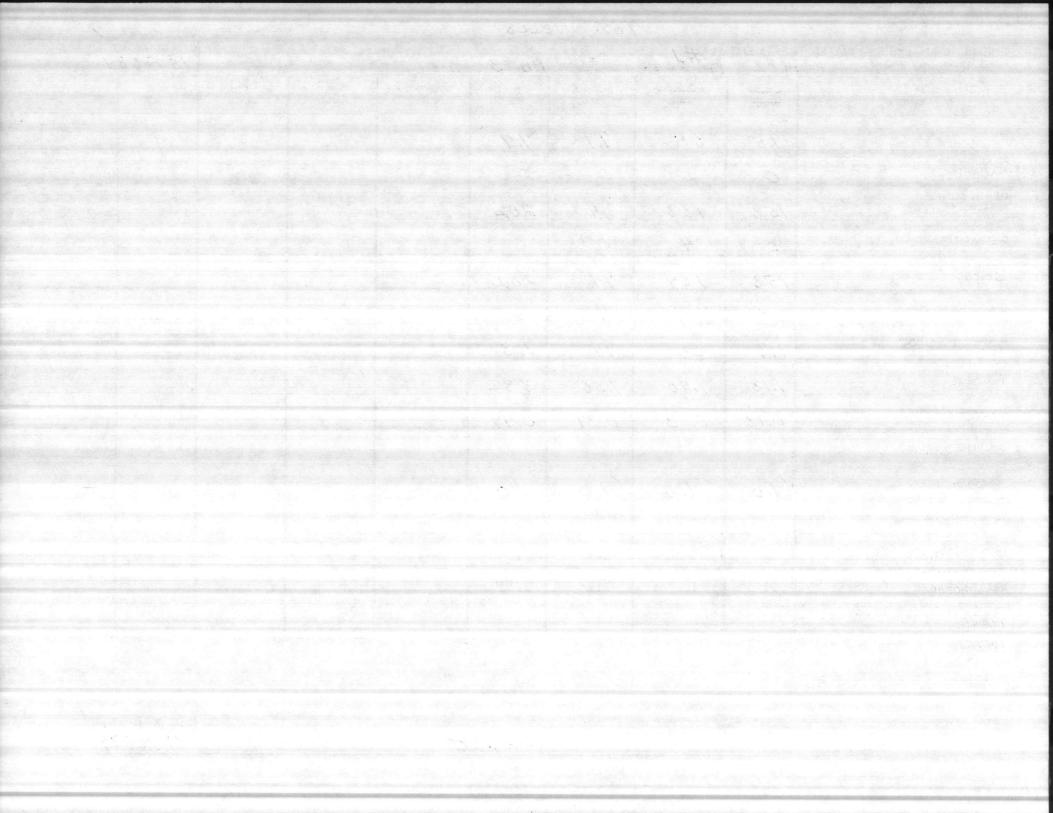
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CHEMICAL ANALYSIS — WATER T MCBCL 11330/3 (REV. 3-82)	REATMENT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DATE COLLECTED 15 Feb 84						
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
Н	7.5	8.4	7.9	7.7					
PENOLTHALEIN ALKALINITY	0	2	0	0					
METHYL ORANGE ALKALINITY	158	/38	94	202					
CARBONATES AS CaCO3	0	4	0	0					
BICARBONATES AS CaCO <sub>3</sub>	158	134	94	202					
CHLORIDES AS C1	8	4	4	6					
HARDNESS AS CaCO <sub>3</sub>	166	56	94	168					
IRON AS Fe	1.18	1.40	1.56	3,82					
FLUORIDE	0.18	0.53	0,37	0.49					
CHLORINE RESIDUAL									
TURBIDITY	7/.0	71.0	71.0	71.0					
TOTAL PHOSPHATE			the second second second second						
ORTHOXENDSEMANEX Static	6'	26'	18'6"	10'					
NKKAKNASKNKNEX Depth	91'5"	108*	117'	77'2"					
STABILITY									
REMARKS					to the second second	and the same	to the second of the second		lan territaria

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

LABORATORY ANALYSIS BY

DATE OF ANALYSIS 16 Feb 84



HR PRICE

DATE COLLECTED

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MCBCL 11330/3 (REV. 3-82)								2/21	184
. PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
РН	8.9	7.4	8.4	7.6	8.4	8.1	8.4	8.4	
PENOLTHALEIN ALKALINITY	6	0	2	0	4	0	4	8	
METHYL ORANGE ALKALINITY	40	170	60	100	160	156	84	160	
CARBONATES AS CaCO3	12	0	4	0	8	0	8	16	
BICARBONATES AS CaCO <sub>3</sub>	28	170	56	100	152	156	76	144	
CHLORIDES AS C1	8	30	10	14	16	20	10	90	
HARDNESS AS CaCO <sub>3</sub>	56	64	88	58	56	64	84	50	
RON AS Fe	40.04	0.65	40,04	0,26	20.04	6.07	40.04	0.14	
FLUORIDE A.M	0.14	0.15	0.83	0.17	0.10	0.09	0.33	0.64	
CHLORINE RESIDUAL	1,0	1,4	1.0	1.0	1.2	1.0	0.7	1,4	
TURBIDITY A.H.		<b>43.0</b>	21.0	1.0	< 1.0	1.0	41.0	43.0	
TOTAL PHOSPHATE		3.65			162				
ORTHO PHOSPHATE		1.24			0,22				
META PHOSPHATE		2.41			1.40				
STABILITY	+0.3	-0.4	+0.1	-0.4	+0,2	-0.1	+0,2	0.0	

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

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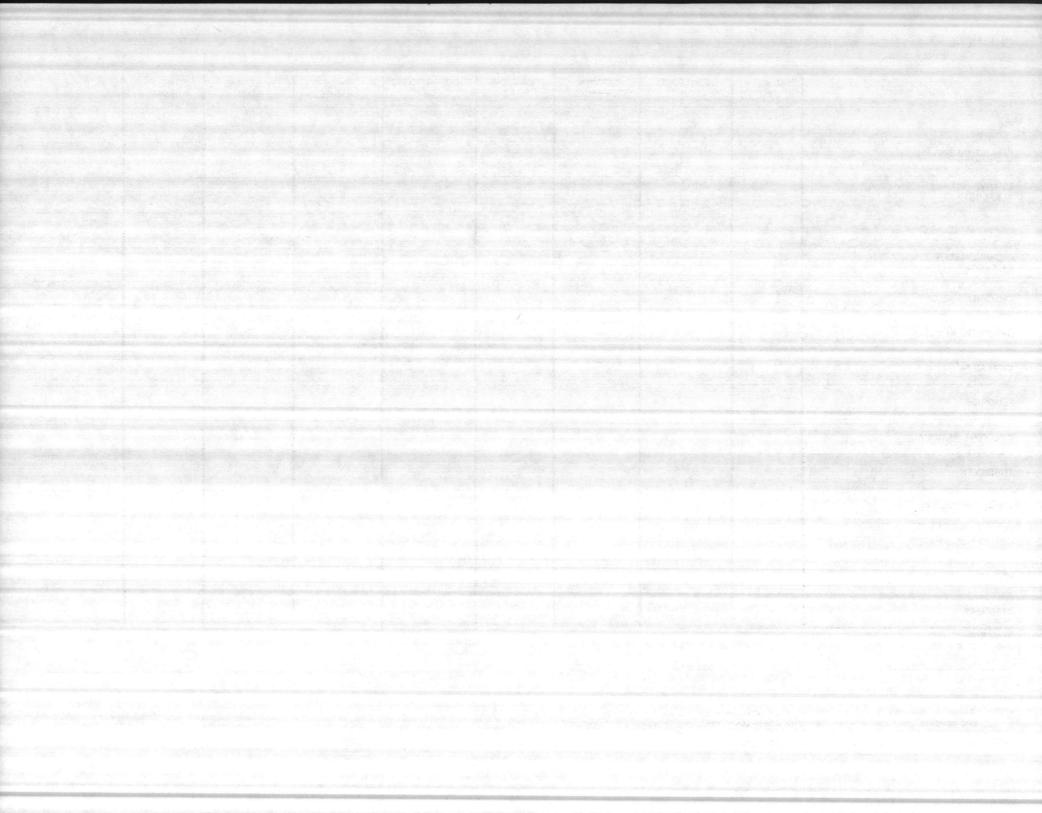
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DATE COLLECTED
14 Feb 84

MCBCL 11330/3 (REV. 3-82)				A STATE OF THE STA				17 /ED 07	
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
PH	8,5	7.4	8.7	2.5	8.4	8,1	8,7	8.7	
PENOLTHALEIN ALKALINITY	8	0	8	0	2	0	10	14	
METHYL ORANGE ALKALINITY	70	186	54	154	174	176	76	250	
CARBONATES AS CaCO <sub>3</sub>	16	6	16	0	4	0	20	28	
BICARBONATES AS CaCO <sub>3</sub>	54	186	38	154	170	176	56	222	
CHLORIDES AS C1	10	24	4	14	24	14	14	110	
HARDNESS AS CaCO <sub>3</sub>	54	96	80	66	70	66	72	54	
IRON AS Fe	8.04	6.59	6.04	0,19	6.04	0.04	0.04	0.15	
FLUORIDE AM	0.89	0.17	0.80	0,19	0.10	0.10	0.88	1.21	
CHLORINE RESIDUAL	1.0	1.2	1.0	1.3	1.2	1.0	1.0	1.3	
TURBIDITY AM	0,14	0.18	0.15	0,15	0.16	0.16	0.15	0.46	
TOTAL PHOSPHATE		2.75			1.60				
ORTHO PHOSPHATE		1.10			0.22				
META PHOSPHATE		1.65			1.38				
STABILITY	to./	0.4	to. 2	0.6	+0,2	-0.1	+0,3	70,3	
REMARKS	The second second			Land Company	No. of the contract of the con				

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, LABORATORY ANALYSIS BY and specific conductance. One liter of potable water is assumed to weigh one kilogram

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MCBCL 11330/3 (REV. 3-82)			Frazelle						
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE	HOLCOMB BLVD	NEW RIVER	•
<b>H</b>			8.6						
PENOLTHALEIN ALKALINITY			4						
METHYL ORANGE ALKALINITY			176						
CARBONATES AS CACO3			8						
BICARBONATES AS CaCO 3			168						
CHLORIDES AS C1									
HARDNESS AS CaCO <sub>3</sub>			82						
RON AS Fe			0,30						
FLUORIDE			0,29						
CHLORINE RESIDUAL									
URBIDITY			0,20						
OTAL PHOSPHATE									
ORTHO PHOSPHATE									
META PHOSPHATE									
STABILITY									
REMARKS									
NOTE: All results reported in parts pe and specific conductance. On	er million unless otherw	ise noted except for	pH, temperature, L	ABORATORY AN	ALYSIS BY			DATE OF ANALYS	us.



CHEMICAL ANALYSIS - WA	TER TREATMENT PLANTS
MCRCI 11330/3 (REV 3-82)	

MR PRICE

CHEMICAL ANALYSIS — WATER MCBCL 11330/3 (REV. 3-82)	R TREATMENT	PLANTS			MR			DATE COLLECTED		
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER		
РН	9,0	7,5	7.7	7,5	8,4	8:4	8.8	8,6		
PENOLTHALEIN ALKALINITY	2	0	0	0	4	4	4	10		
METHYL ORANGE ALKALINITY	44	180	120	160	170	164	64	220		
CARBONATES AS CaCO3	4	0	0	0	8	8	8	20		
BICARBONATES AS CaCO <sub>3</sub>	40	180	120	160	162	156	56	200		
CHLORIDES AS C1	10	30	10	20	20	24	14	170		
HARDNESS AS CaCO <sub>3</sub>	50	80	136	60	56 -	54	70	54		
IRON AS Fe	20.04	0.57	0.08	0.22	20.04	40.04	20.04	0.14		
FLUORIDE	0.87		0.84			1	1.02,02	1,31		
CHLORINE RESIDUAL	1.0	1.0	1.0	1.5	1.5	1,0	1:0	1,3		
TURBIDITY	0.14	0.16	0,36	0.14	0.14	0,15	0.18	0.28		
TOTAL PHOSPHATE		1.13			1,21					
ORTHO PHOSPHATE		1.00			1.02					
META PHOSPHATE		0.13			0.19					
STABILITY	40.3	-0.5	-0.3	-0.6	0.0	0.0	+0,2	+0.1		

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

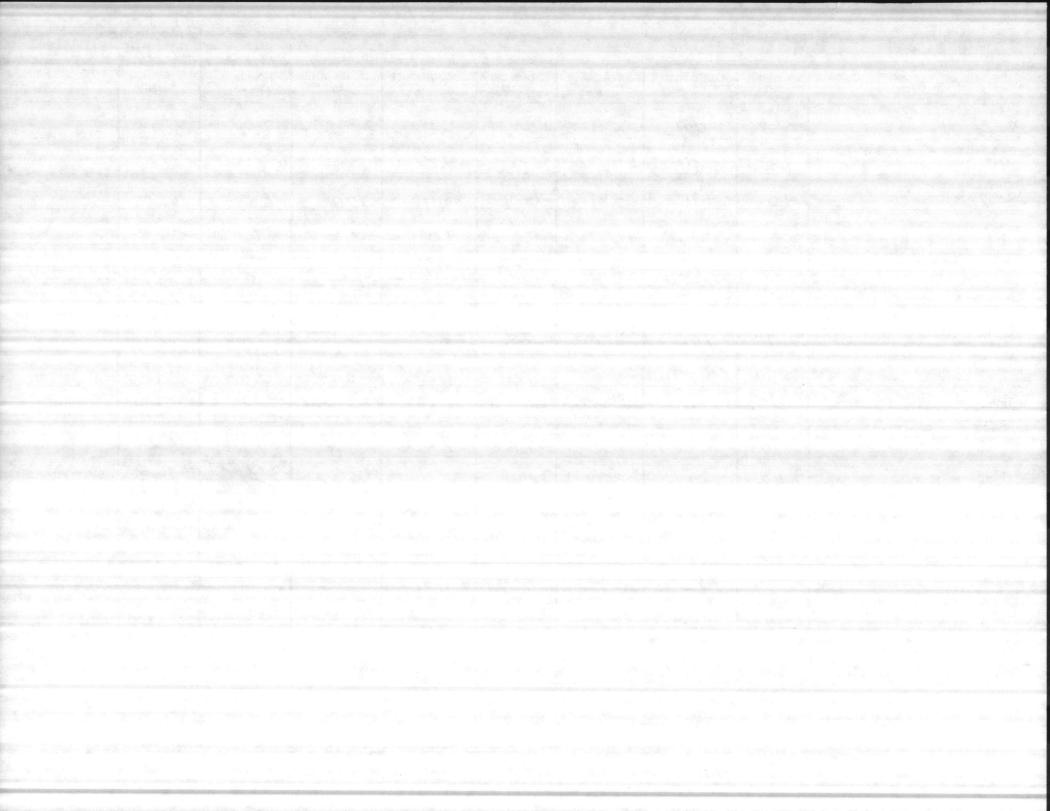
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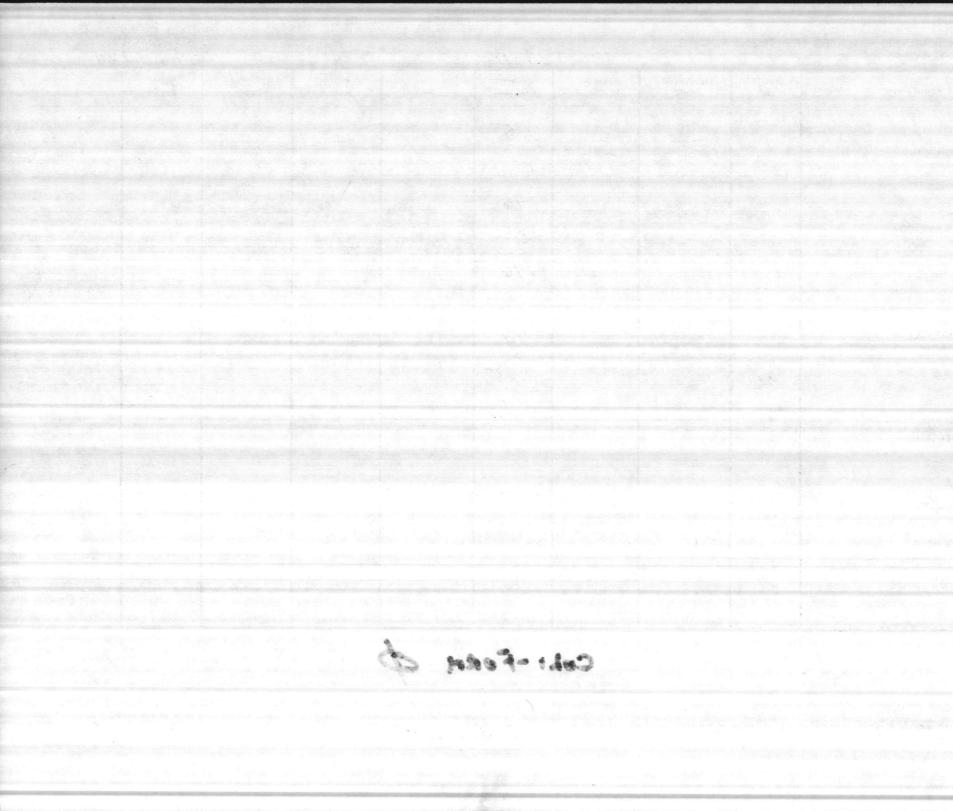
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HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
8.8	2.4	8.9	2.6	8,3	8.2	8.7	8.7	
14	0	6	0	20	0	8	16	
40	186	58	150	180	120	.68	168	
28	0	12	0	40	0	16	32	
12	186	46	150	140	170	52	136	
6	30	10	16	20	20	12	146	
62	74	80	74	50	62	70	70	
0.04	6.59	6.04	0,21	20.04	20.04	0.04	0.11	
0.99	0.44	1.16	0.41	0.41	0.21	1.19	0.89	
1.0	1.4	1.0	1.3	1.4	1.0	1.0	1.4	
0.18	0.18	0.16	0.16	0.18	0.15	0.14	0.21	
	2.60			1.38				
	0.96		e transmission et als a	0.04				
	and the second			and the second				
+0.2	0.5	10.4	-05		0.1	1	+0.1	
	8.8 14 40 28 12 6 62 60.04 0.99 0.99 1.0	POINT POINT  8.8 7.4  14 0  40 186  28 0  12 186  6 30  62 74  6 30  62 74  6 30  79  0.99  0.99  0.99  0.99  0.99  0.99  0.99  0.99  0.99  0.99  1.0  1.4  0.18  2.60  0.96  1.64	POINT POINT TERRACE  8.8 7.4 8.9  14 0 6  40 186 58  28 0 12  12 186 46  6 30 10  62 74 80  6.59 6.04  0.99  0.99  0.16  0.18  0.18  0.18  0.16  1.64  + - +	POINT POINT TERRACE BEACH  8.8 7.4 8.9 7.6  14 0 6 0  40 186 58 150  28 0 12 0  12 186 46 150  6 30 10 16  62 74 80 74	POINT         TERRACE         BEACH         BAY           8,8         7.4         8.9         7.6         8.3           14         0         6         0         20           40         186         58         150         180           28         0         12         0         40           12         186         46         150         140           6         30         10         16         20           62         74         80         74         50           62         74         80         74         50           60.04         6.59         6.04         6.21         6.04           6.96         6.99         6.04         6.21         6.41         6.41           7.0         7.2         6.0         7.3         7.4         7.4           8.9         7.2         7.2         6.0         7.4         7.4         7.4           8.9         7.2         7.2         7.2         7.4         7.4         7.4         7.4         7.4         7.4         7.4         7.4         7.4         7.4         7.4         7.4         7.4         7.4 <td>POINT POINT TERRACE BEACH BAY RANGE  8.8 7.4 8.9 7.6 8.3 8.2  14 0 6 0 20 0  40 186 58 150 180 170  28 0 12 0 40 0  12 186 46 150 140 170  6 30 10 16 20 20  62 74 80 74 50 62  20.04 0.99 6.59 6.04 0.21 6.09 6.09  0.99 0.96 0.44 1.21 0.41 0.41 0.21  1.0 1.4 1.0 1.3 1.4 1.0  0.18 0.18 0.21 0.16 0.18 0.15  2.60 1.34</td> <td>POINT         TERRACE         BEACH         BAY         RANGE         BLVD           8,8         7.4         8.9         7.6         3.3         8.2         8.7           14         0         6         0         20         0         8           40         186         58         150         180         170         68           28         0         12         0         40         0         16           12         186         46         150         140         170         52           6         30         10         16         20         20         12           62         74         80         74         50         62         70           2004         6.59         20.04         0.21         20.04         20.04         20.04         20.04           0.34         0.39         0.04         0.21         0.04         0.04         0.04         0.04           0.18         0.18         0.21         0.16         0.18         0.15         0.11           0.164         1.38         0.04         1.34         1.34         1.34         1.34</td> <td>POINT         TERRACE         BEACH         BAY         RANGE         BLVD         RIVER           8,8         7.4         8.9         7.6         8.3         8.2         8.7         8.7           14         0         6         0         20         0         8         16           40         186         58         150         180         170         68         168           28         0         12         0         40         0         16         32           12         186         46         150         140         170         52         136           6         30         10         16         20         20         12         146           6.2         74         80         74         50         62         70         70           4         0.9         0.04         0.21         0.04         0.04         0.04         0.11           0.9         0.9         0.04         0.41         0.21         0.04         0.04         0.04           0.18         0.16         0.18         0.15         0.01         0.01         0.04         0.04         0.04         <t< td=""></t<></td>	POINT POINT TERRACE BEACH BAY RANGE  8.8 7.4 8.9 7.6 8.3 8.2  14 0 6 0 20 0  40 186 58 150 180 170  28 0 12 0 40 0  12 186 46 150 140 170  6 30 10 16 20 20  62 74 80 74 50 62  20.04 0.99 6.59 6.04 0.21 6.09 6.09  0.99 0.96 0.44 1.21 0.41 0.41 0.21  1.0 1.4 1.0 1.3 1.4 1.0  0.18 0.18 0.21 0.16 0.18 0.15  2.60 1.34	POINT         TERRACE         BEACH         BAY         RANGE         BLVD           8,8         7.4         8.9         7.6         3.3         8.2         8.7           14         0         6         0         20         0         8           40         186         58         150         180         170         68           28         0         12         0         40         0         16           12         186         46         150         140         170         52           6         30         10         16         20         20         12           62         74         80         74         50         62         70           2004         6.59         20.04         0.21         20.04         20.04         20.04         20.04           0.34         0.39         0.04         0.21         0.04         0.04         0.04         0.04           0.18         0.18         0.21         0.16         0.18         0.15         0.11           0.164         1.38         0.04         1.34         1.34         1.34         1.34	POINT         TERRACE         BEACH         BAY         RANGE         BLVD         RIVER           8,8         7.4         8.9         7.6         8.3         8.2         8.7         8.7           14         0         6         0         20         0         8         16           40         186         58         150         180         170         68         168           28         0         12         0         40         0         16         32           12         186         46         150         140         170         52         136           6         30         10         16         20         20         12         146           6.2         74         80         74         50         62         70         70           4         0.9         0.04         0.21         0.04         0.04         0.04         0.11           0.9         0.9         0.04         0.41         0.21         0.04         0.04         0.04           0.18         0.16         0.18         0.15         0.01         0.01         0.04         0.04         0.04 <t< td=""></t<>

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, LABORATORY ANALYSIS BY and specific conductance. One liter of potable water is assumed to weigh one kilogram.

DATE OF ANALYSIS 31 JAN84



CHEMICAL ANALYSIS - WATER TREATMENT PLANTS BA-104 19 JAN 84 MCBCL 11330/3 (REV. 3-82) BEACH HADNOT MONTFORD **TARAWA** COURTHOUSE RIFLE HOLCOMB NEW RIVER **PARAMETER** POINT POINT TERRACE BAY RANGE BLVD 7.5 **PENOLTHALEIN ALKALINITY** 0 METHYL ORANGE ALKALINITY 146 CARBONATES AS CaCO3 0 **BICARBONATES** 146 AS CaCO3 **CHLORIDES AS C1** HARDNESS AS CaCO3 **IRON AS Fe** 2,25 **FLUORIDE** 0.20 **CHLORINE RESIDUAL** TURBIDITY **TOTAL PHOSPHATE** ORTHO PHOSPHATE **META PHOSPHATE** STABILITY REMARKS Coli-FORM P NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, LABORATORY ANALYSIS BY DATE OF ANALYSIS and specific conductance. One liter of potable water is assumed to weigh one kilogram.



CHEMICAL	<b>ANALYSIS</b>	_	WATER	TREATMENT	PLANTS
MCBCI 11220/	2 (DEV 2 92)				

MRPRICE

CHEMICAL ANALYSIS — WAMCBCL 11330/3 (REV. 3-82)	TER TREATMENT	PLANTS			hk.			1-24	
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
PH	8.9	7.4	2.7	7.7	8.3	8.5	9.1	8.6	
PENOLTHALEIN ALKALINITY	2	0	2	0	0	8	6	4	
ETHYL ORANGE LKALINITY	60	190	54	158	172	170	56	190	
CARBONATES AS CaCO3	4	0	4	0	0	16	12	8	
BICARBONATES AS CaCO 3	56	190	50	158	172	154	44	182	
CHLORIDES AS C1	10	70	10	20	20	50	18	160	
ARDNESS AS CaCO <sub>3</sub>	80	114	80	70	60	60	60	66	
RON AS Fe	40.04	(1.04)	40.04	0.10	0.05	20.04	0.05	0.15	
LUORIDE	1.03	-	0.95	_		-	0.93		
CHLORINE RESIDUAL	1.0	1.4	1.0	1.3	1.2	1.1	1.0	1.2	
URBIDITY	0.60	1.0	0.40	0.40	0.12	0.20	0.60		8
OTAL PHOSPHATE		2.05			1.18				
DRTHO PHOSPHATE		1.46			0.16		and series of		
META PHOSPHATE		0.59			1,02				
STABILITY	+0.4	-0.5	+0.1	-0.4	0.0	10.2	10.4	10.1	

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram. DATE OF ANALYSIS

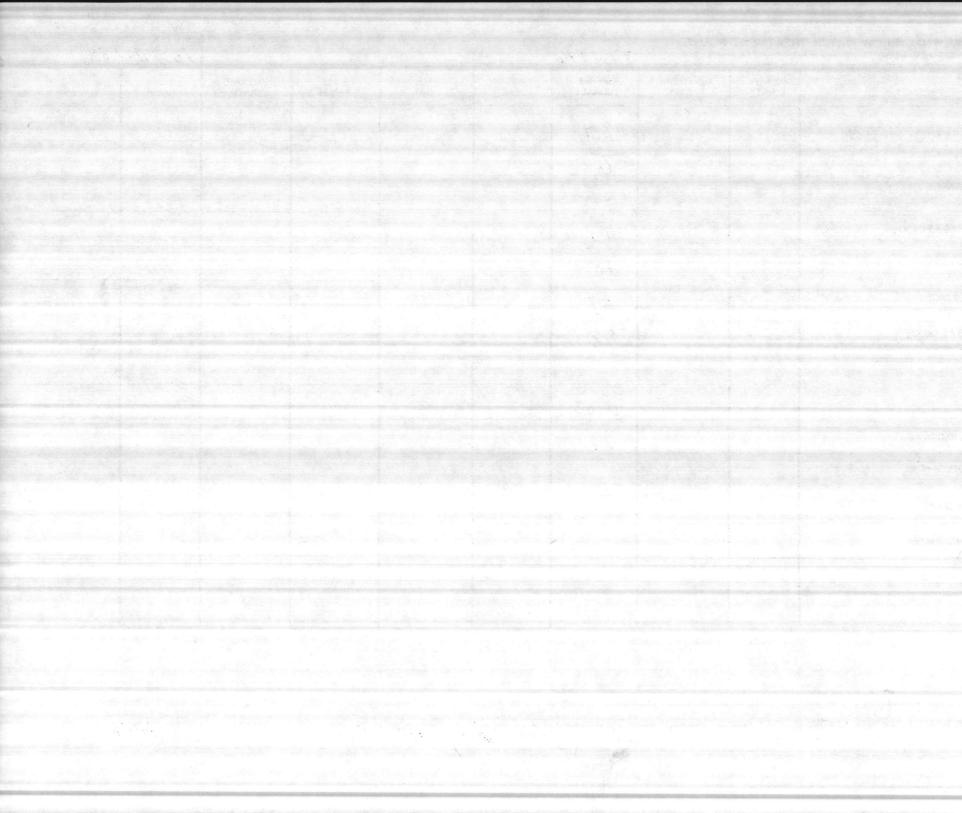
	1.0				
				14	
		- William			
			grande de la Francisco Regionales de la Francisco		

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WODOZ 11000/0 (NEV. 0 02)			110076					13 -11.	
PARAMETER	HADNOT POINT	MONTFORD POINT	T <del>ARAWA</del> TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE	HOLCOMB BLVD	NEW RIVER	•
PH			8.9						
PENOLTHALEIN ALKALINITY			6						
METHYL ORANGE ALKALINITY			30						
CARBONATES AS CaCO <sub>3</sub>			12						
BICARBONATES AS CaCO <sub>3</sub>			18						
CHLORIDES AS C1			14						
HARDNESS AS CaCO <sub>3</sub>			70						
RON AS Fe									
FLUORIDE			0.88		1				
CHLORINE RESIDUAL			1.0						
TURBIDITY									
TOTAL PHOSPHATE									
ORTHO PHOSPHATE									amarat usaassa - a
META PHOSPHATE									
STABILITY		2.48							

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

DATE OF ANALYSIS
13 JAN84



Mr. Price
DATE COLLECTED
17 JAN 84

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HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
8.7	7.4	8.7	7.5	8.5	8.0	8.8	8,7	en e
8	0	4	0	6	0	6	12	7 776
66	164	50	164	174	166	62	170	
16	0	8	0	12	0	12	24	
50	164	42	164	162	166	50	146	
10	50	10	20	20	24	10	94	
70	68	66	80	50	62	66	62	
0.04	(2,55)	0.04	0.14	6.04	60.04	6.04	0.22	
0.99	0.15	0.83	0,19	0,10	0.10	0.88	0.73	
1.0	1.0	1.0	1.3	1.2	1.0	0.9	1.4	
0.2	2.0	0.7	0.6	0.4	0.4	0.4	1.6	
	4.18			2.17				
	2,37			0,24				
	1.81			1.93				
0.2	0.7	10.2	0.6	*0.1	-0.2	+0,3	to, 2	
	8.7 8 66 16 50 10 70 0.04 0.99 1.07 1.0	POINT POINT  8.7 7.4  8 0  66 164  16 0  50 164  10 50  70 68  0.04 2.55  1.07 0.15  1.0 1.0  0.2 2.0  4.18  2.37  1.81	8.7 7.4 8.7  8 0 4  66 164 50  16 0 8  50 164 42  10 50 10  70 68 66  0.04 2.55 0.04  0.99 0.15 0.83  1.0 1.0 1.0  0.2 2.0 0.7 8  4.18  2.37  1.81	POINT     POINT     TERRACE     BEACH       8.7     7.4     8.7     7.5       8     0     4     0       66     164     50     164       16     0     8     0       50     164     42     164       10     50     10     20       40     68     66     80       50.04     2.55     0.04     0.14       0.99     0.07     0.083     0.19       1.0     1.0     1.0     1.3       0.2     2.0     0.7     8     0.6       4.18     2.37       1.81     +     -     -	8.7 7.4 8.7 7.5 8.5  8 0 4 0 6  66 164 50 164 174  16 0 8 0 12  50 164 42 164 162  10 50 10 20 20  70 68 66 80 50	POINT   TERRACE   BEACH   BAY   RANGE	POINT	POINT         TERRACE         BEACH         BAY         RANGE         BLVD         RIVER           8.7         7.4         8.7         7.5         8.5         8.0         8.8         8.7           8         0         4         0         6         0         6         1/2           66         164         50         164         174         166         62         170           16         0         8         0         12         0         12         24           50         164         42         164         162         166         50         146           10         50         10         20         20         24         10         94           40         68         66         80         50         62         66         62           50.94         2.55         0.04         0.14         0.04         0.04         0.04         0.09         0.22           0.97         0.15         0.83         0.87         0.19         0.10         0.10         0.83         0.13           1.0         1.0         1.0         1.3         1.2         1.0         0.9         1

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, LABORATORY ANALYSIS BY and specific conductance. One liter of potable water is assumed to weigh one kilogram.

DATE OF ANALYSIS 17 JAN84

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V = 1	- X X		Tark in				47	
27.16			1777	197	77.			
72 -								
94.64		23/	7.77	X	( V	X		
		V. N.						
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	4.2.2				28	c 0 %	400	
8 \ dyne	180	10 A F 10 C	0, 0					14
1.1	2.9	4 V V					0.1	
31	17.1				1.2	0 1	¥ 43	143
						- 6 / \/:		
						18.1		
5	No.				1.0			

Mr. Price DATE COLLECTED 10 JAN 84

8,9 10 54 20	MONTFORD POINT  7.4  0  186	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
10	0			8.4	8.3	8.8	90	
54		6					1110	
	186		0	6	0	6	34	
20	100	50	102	178	170	64	202	
20	0	12	0	12	0	12	68	
34	186	38	102	166	170	52	134	
8	38	8	14	20	20	12	140	
44	70	14	64	42	48	70	50	
0.04	6.60	6.04	0,09	20.04	40.04	0.05	0.21	
1.01	0.16	0.95	0.18	0.09	0.09	0.85	0.88	
1.0	1.4	1.1	1.5	1.5	1.0	0.9	1.4	
0.2	0,9	0.4	0,4	0.5	0.4	0.9	0.89	
	2.60			2.52				
	1.09			0.35				
	1.51			2.17				
0,3	0.8	to.1	0.6	0.0	-0.1	+ ,	+	
0	1.01	1.01 0.16 1.0 1.4 0.2 0.9 2.60 1.09	1.01 0.16 0.95 1.01 0.16 1.00 1.0 1.4 1.1 0.2 0.9 0.4 2.60 1.09 1.51	1.01 0.16 0.95 1.01 0.16 0.95 1.00 0.18 1.00 0.19 1.50 1.00 0.19 1.51	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

DATE OF ANALYSIS 10 JAN 84

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4.1	1 / 5 -		* ( )					
					3/19		0.8	
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	1. 723.0	en konsensi ya Polikini pikana				- 6 mg 0 star		
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ino,	12.	2.5				6.0	20 819 11	
			1			07 %	V.	
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Mr. Price
DATE COLLECTED
3 JAN 1984

MCBCL 11330/3 (REV. 3-82)								3 341	1701
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
PH	8.8	7.3	8.7	7.6	8.1	8.1	8.6	8.9	
PENOLTHALEIN ALKALINITY	6	0	6	0	4	2	4	22	
IETHYL ORANGE LKALINITY	54	190	62	160	180	160	70	214	
CARBONATES AS CaCO3	12	0	12	0	8	4	8	44	la company
SICARBONATES S CaCO 3	42	190	50	160	172	156	62	170	
CHLORIDES AS C1	16	50	10	16	20	26	18	160	
ARDNESS AS CaCO <sub>3</sub>	62	58	80	72	58	52	70	54	
RON AS Fe	<0.04	(0,36)	10.04	0.06	<0.04	0.06	10,04	0.06	
LUORIDE AM	1.02	0,16	1.05 0.97	0.18	0.09	0.10	0.98	0.84	
CHLORINE RESIDUAL	1.0	1.5	1.1	1.2	1.2	1.0	0.9	1.3	
TURBIDITY AM	0.2	0,6	1.0 0.6	0.5	0.4	0,4	0,2	0,8	
OTAL PHOSPHATE		2.42			2.70				
ORTHO PHOSPHATE		1.04			0,19				
META PHOSPHATE		1.38		r = 100	1.51	Special control	10 m - 10 m 19		
STABILITY	+0.2	-0.6	+0.3	-0.4	-0,1	-0,1	+0,2	+0.2	

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

LABORATORY ANALYSIS BY

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DATE OF ANALYSIS

3 JAN 1984

MR PRICE

DATE COLLECTED

				$i \neq i \neq i \neq j$			40 DEC	83
HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
8,5	7.4	8,5	7.7	8.3	8.3	8,9	7.9	
	0		0	2	2		0	
32	176	48	142	170	156	54	160	
4	0	4	0	4	4	8	0	
28	176	44	142	164	152	46	160	States to the confidence of
10	20	10	14	16	20	10	130	
54	60	84	60	62	86	62	92	
40.04	6.55	40.04	0.15	40.04	40,04	40,04	0.10	ing the second
1.00	0.18	8.46	0,19	0.11	0.11	1.03	0.71	
1.0	1.3	1.1	1.3	1.4	1.0	0,9	1.4	
0,34	0.58	0.58	0,38	0.52	0.38	0.52	0,36	
	3.10			1.26				
	1.30			0.38				
	1.80			0,88				
0.1	-0.5	+0.1	-0.2		+ 2	+03	- 1	
	8,5 2 32 4 28 10 54 40.04 1.00 0.99 1.0 0.34	POINT POINT  8,5 7.4  2 0  32 176  4 0  28 176  10 20  54 60  40.04 6.55  1.00  1.00  1.30  1.30  1.80	8,5 7.4 8,5 2 0 2 32 176 48 4 0 4 28 176 44 10 20 10 54 60 84 40.04 6.55 40.04 1.00 6.99 0.18 6.40 1.00 6.39 1.0 1.3 1.1 0.34 0.58 0.58 0.66 3.10 1.30 1.80	POINT POINT TERRACE BEACH  8.5 7.4 8.5 7.7  2 0 2 0  32 176 48 142  4 0 4 0  28 176 44 142  10 20 10 14  54 60 84 60  6.55 40.04 6.55 40.04 0.15  1.00 99 0.18 6.90  1.0 1.3 1.1 1.3  0.34 0.58 0.58 0.66 0.38  3.10  1.80	HADNOT MONTFORD TARAWA TERRACE ONSLOW BEACH COURTHOUSE BAY  8,5 7,4 8,5 7,7 8,3  2 0 2 0 2  32 176 48 142 170  4 0 4 0 4  28 176 44 142 164  10 20 10 14 16  54 60 84 60 62  40,04 6.53 40,04 0.15 40,04  1.00 0.99 0.18 6.49  0.34 0.58 0.58  0.38 0.38  1.80 0.88	HADNOT   MONTFORD   TARAWA TERRACE   ONSLOW   COURTHOUSE   RIFLE   RANGE	HADNOT   MONTFORD   TARAWA   COURTHOUSE   RIFLE   RANGE   BLVD	HADNOT   MONTFORD   TARAWA POINT   TERRACE   ONSLOW   BEACH   COURTHOUSE   RANGE   HOLCOMB   RIVER   RANGE   RANGE   HOLCOMB   RIVER   RANGE   RANGE

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

Burns

DATE OF ANALYSIS 20 DEC 83

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Mr. Price
DATE COLLECTED
13 DEC 83

MCBCL 11350/3 (REV. 3-62)								13 PCC	03
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
PH	8.7	7.5	8.7	7.6	8.3	8.3	8,8	8,8	
PENOLTHALEIN ALKALINITY	8	0	4	0	2	0	6	10	The state of the s
METHYL ORANGE ALKALINITY	64	186	54	138	176	154	64	100	
CARBONATES AS CaCO3	16	0	8	0	4	0	12	20	
BICARBONATES AS CaCO 3	48	186	46	138	172	154	52	80	
CHLORIDES AS C1	10	26	10	12	18	20	12	66	
HARDNESS AS CaCO <sub>3</sub>	20	44	76	62	56	42	20	64	
IRON AS Fe	40.04	1.34	40.04	0.09	40,04	0.14	40.04	0.20	
FLUORIDE AM	0.82	0,15	0.58	0.17	6.09	0.08	0.91	0,34	
CHLORINE RESIDUAL	1.0	1.3	1.2	1.4	1.3	0.6	1.0	1,3	
TURBIDITY									
TOTAL PHOSPHATE		3,10			1.62				
ORTHO PHOSPHATE		1.76			0,32				
META PHOSPHATE		1,34			1.30				
STABILITY	0.3	-0.04	+0,3	0.6	+0.2	0,0	+0,4	+0,3	

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

LABORATORY ANALYSIS BY BURN

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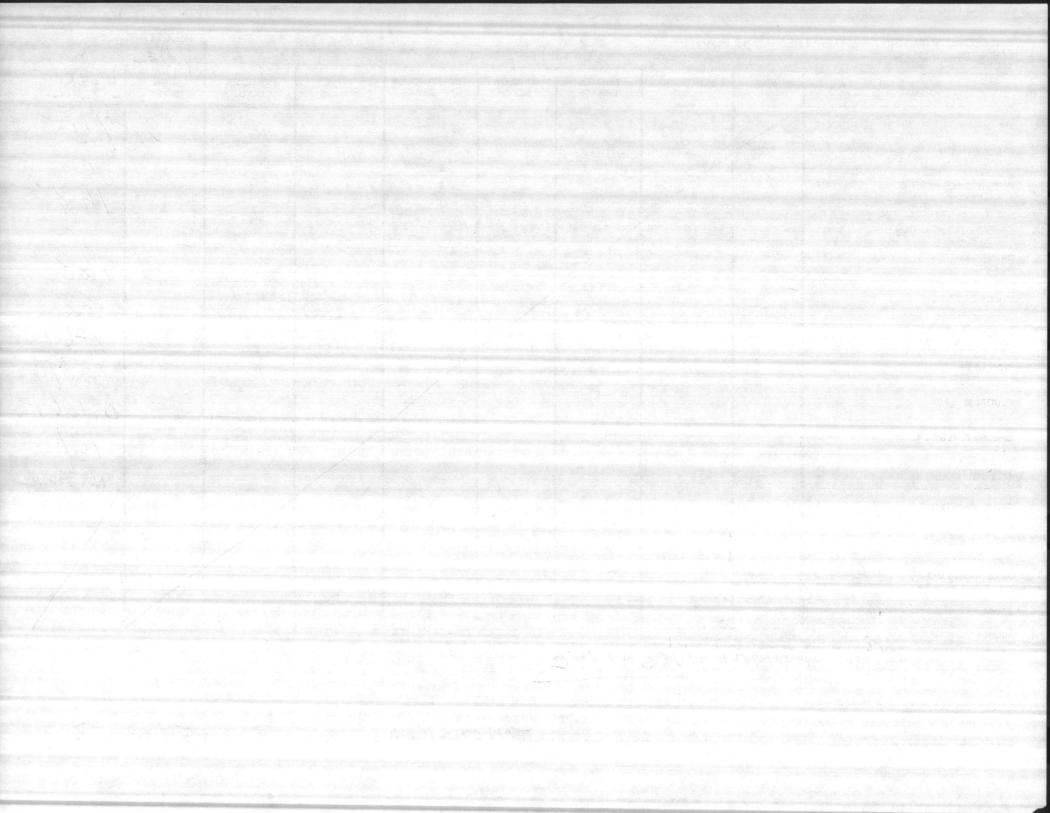
WATER

	HADNOT	MONTFORD	TARAWA	ONSLOW	COURTHOUSE	RIFLE	носомв	NEW NEW	BLDG,
PARAMETER	POINT	POINT	TERRACE	BEACH	BAY	RANGE	BLVD	RIVER	# 424
H									7.255
ENOLTHALEIN LKALINITY									0
IETHYL ORANGE LKALINITY									168
ARBONATES AS CaCO <sub>3</sub>									0
ICARBONATES S CaCO 3				A STATE OF THE STA					168
CHLORIDES AS C1									32
ARDNESS AS CaCO <sub>3</sub>									46
RON AS Fe									0.39
LUORIDE			e to the Astron						0,1364
HLORINE RESIDUAL									1.4
URBIDITY			6.						NOT AUT
OTAL PHOSPHATE									
RTHO PHOSPHATE									
ETA PHOSPHATE									
TABILITY								1	
EMARKS 0	(FORM	1 1/-	17		1 2 1				

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

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7 Dec 83



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PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	BUDG 434
РН	8.8	7.3	9,0	7.5	8,3	8.4	8.8	8.7	7.3
PENOLTHALEIN ALKALINITY	4	0	4	0	0	4	4	16	1
METHYL ORANGE ALKALINITY	52	184	52	154	174	146	66	154	
CARBONATES AS CaCO <sub>3</sub>	8	0	8	0	0.	8	8	32	
BICARBONATES AS CaCO <sub>3</sub>	44	184	44	154	174	138	58	122	The second second
CHLORIDES AS C1	8	22	6	14	20	28	16	108	
HARDNESS AS CaCO3	64	54	66	80	56	44	76	72	
IRON AS Fe	20.04	0.57	0.05	0.16	20,04	0.21	0.08	0.14	(1.83)
FLUORIDE AMON	1.01/02	0.15	0.83	1	0.09	0.08	0.91 0.85	0.60	
CHLORINE RESIDUAL	1.0	1.4	1.0	1,2	1.2	1.2	0.9	1.3	
TURBIDITY			MACHI	WE -	ENOPE	RATIO			
TOTAL PHOSPHATE		1,62			1.62				
ORTHO PHOSPHATE & K		1.30			0.28				
META PHOSPHATE		0.32			1.34				
STABILITY	+0.3	-0.6	+0.4	-0.5	+0,1	+0,1	+0.3	+0,2	

ONSLOW BEACH POND PH8.4

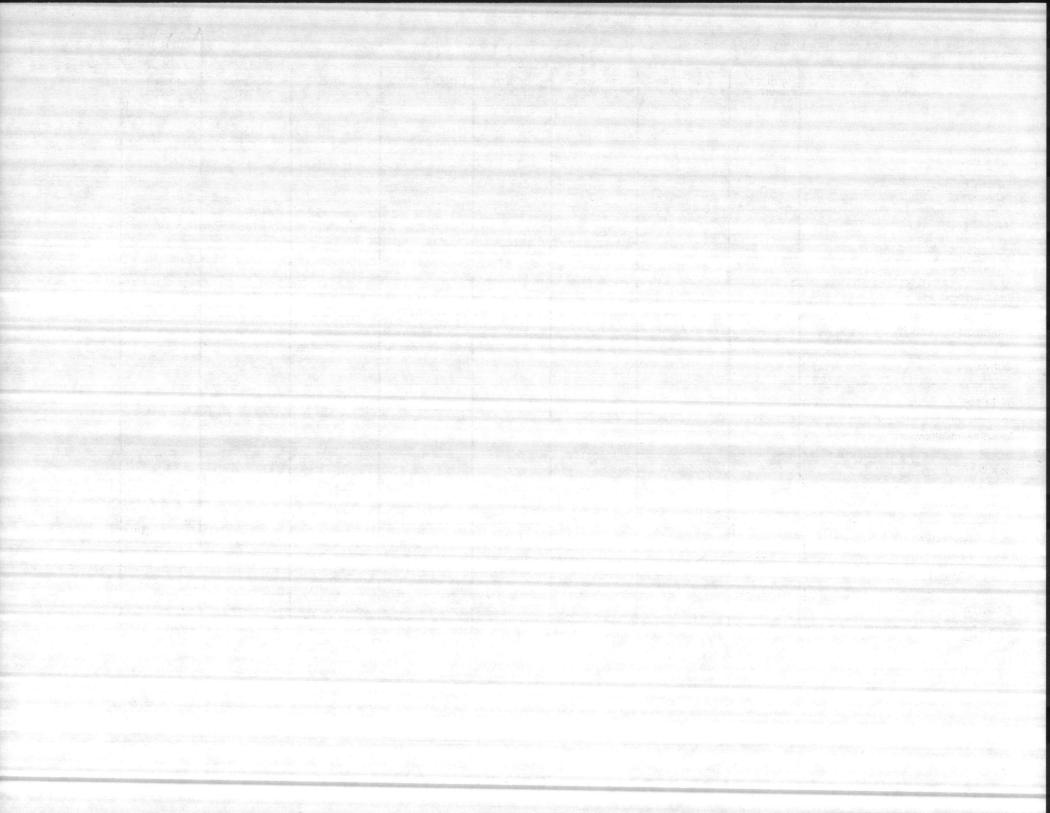
NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, LABORATORY ANALYSIS BY and specific conductance. One liter of potable water is assumed to weigh one kilogram.

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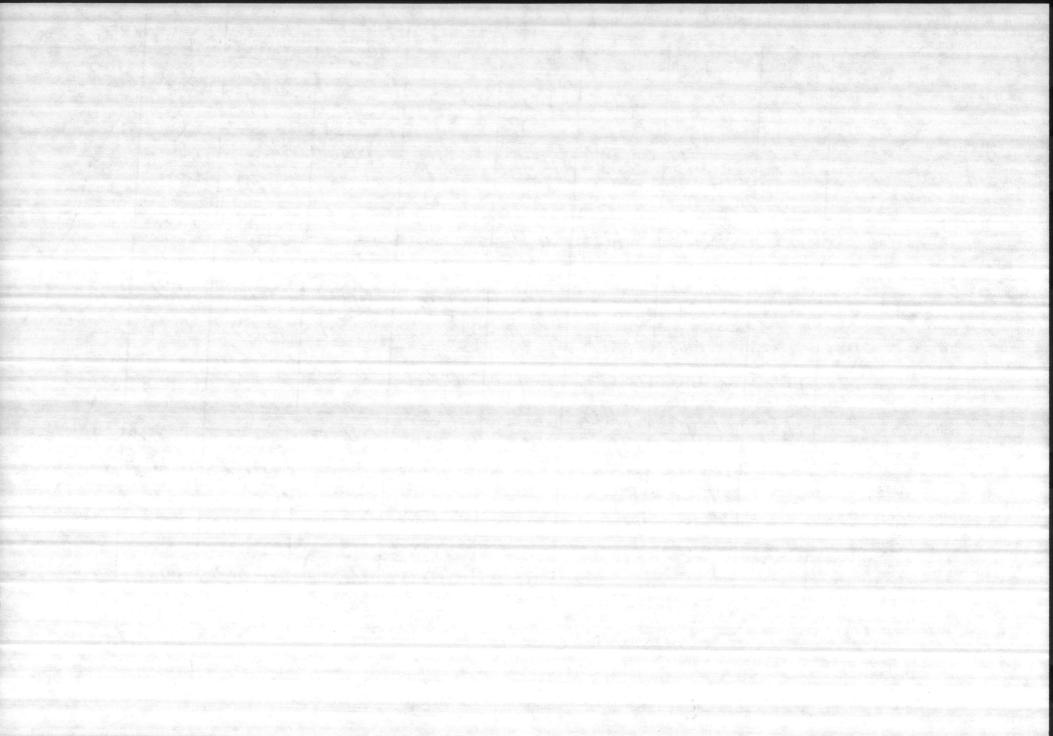
COM 83 + 7

(COMPLAINT) DATE COLLECTED CHEMICAL ANALYSIS - WATER TREATMENT PLANTS MCBCL 11330/3 (REV. 3-82) ONSLOW COURTHOUSE HADNOT MONTFORD **TARAWA** RIFLE HOLCOMB NEW **PARAMETER** POINT POINT TERRACE BEACH BAY RANGE BLVD RIVER 9.3 **PENOLTHALEIN** ALKALINITY 10 METHYL ORANGE **ALKALINITY** 34 CARBONATES AS CaCO3 20 **BICARBONATES** 14 AS CaCO3 **CHLORIDES AS C1** HARDNESS AS CaCO3 56 **IRON AS Fe** FLUORIDE **CHLORINE RESIDUAL** TURBIDITY TOTAL PHOSPHATE ORTHO PHOSPHATE **META PHOSPHATE** STABILITY REMARKS Cohi-FORM : DATE OF ANALYSIS

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.



			contraction as			12 - 12 mg/28/29		O UKC	
HEMICAL ANALYSIS — WATER T CBCL 11330/3 (REV. 3-82)	REATMENT F			ONSLOW	COURTHOUSE	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	BUDG 934
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	BEACH	BAY		8.8	8.7	7.3
H	8.8	7.3	9,0	7.5	8,3	8.4	0.0	16	1
ENOLTHALEIN	4	0	4	0	0	4	11	154	
LKALINITY  IETHYL ORANGE	52	184	52	154	174	146	66	32	
LKALINITY	8	0	8	0	0	8	8	a Caracina de la companya de la comp	
CARBONATES AS CaCO3 BICARBONATES	44	184	44	154	174	138	58	122	
AS CaCO <sub>3</sub>	8	22	6	14	20	28	16		1
CHLORIDES AS C1	64	54	66	80	56	44		72	(1.83)
HARDNESS AS CaCO <sub>3</sub>		15-17	0.05		20,04		0.08		St. Mile and Control
IRON AS Fe AM	60.04	-	0.83	1	0.09	0.08	0.910.8		1 \
FLUORIDE	11	1.1	1.0	1,2	1.2	1.2	0.9	1.3	
CHLORINE RESIDUAL	1.0	117	-	INE	INOP	ERATI		1/2	7/
TURBIDITY		1,62			1.62	-	Ris	1/0	1
TOTAL PHOSPHATE				•	0.25		4		4
ORTHO PHOSPHATE & K		1,30			1.39				
META PHOSPHATE		0.3	LA	4-01	+0.1	40,			2
STABILITY	10.	3 -0.0	OTTO	7 01	CH PE	DAND 6	H8.4	Mary Control of the Asset of th	
REMARKS		01	25LOW	12BA	CHIC	10.			····· veis *
NOTE: All results reported in parts pe	Wine unless 0	otherwise noted exce	ept for pH, tempera	ture, LABORATO	DRY ANALYSIA BY	* Bu	ens	BATE OF	83 + 70EC83
NOTE: All results reported in parts pe and specific conductance. On	e liter of potable	water is assumed	to weigh one kilog	The	onskan				



MR. PRICE DATE COLVECTED 29 NOV 83

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PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB	NEW RIVER	REPEAT HOLC: BLVD
PH	8.8	7.5	8.6	7.7	8.4	8.3	8.7	8.8	8.6
PENOLTHALEIN ALKALINITY	2	0	2	0	6	6	4	14	4
METHYL ORANGE ALKALINITY	32	186	56	154	176	146	90	200	76
CARBONATES AS CaCO <sub>3</sub>	4	0	4	0	12	12	8	28	8
BICARBONATES AS CaCO 3	28	186	52	154	164	134	82	172	68
CHLORIDES AS C1	8	54	10	16	20	28	18	92	18
HARDNESS AS CaCO <sub>3</sub>	56	112	98	66	68	94	80	70	68
IRON AS Fe	<0.04	0.81	20.04	0.21	60.04	0.08	5,76	0.10	<0.04
FLUORIDE AM	0.98	0.14	1:05/11	0.18	0.10	0.09	0.80	0.88	0.78
CHLORINE RESIDUAL	1,0	1,2	1.1	1.0	1.2	11	0,9	1.3	NR
TURBIDITY			MA	CHINA	5 Dou	UN -		The state of the s	
TOTAL PHOSPHATE		0,69			1.46				
ORTHO PHOSPHATE		0.69			0.16				g and detailed
META PHOSPHATE		0,00	engo kali ya Manazari		1.30				
STABILITY	10,2	-0.4	+0.2	-0.4	+011	+0.1	+0.4	40.1	+0.2

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

	10415								
	2.7	7.8	8.3	+18-	17	Jan X	3/1/2	XX	
	42/	and the second of the second o							
	008	3/2	24/			\$ c.	= 75/		
			- 512.						
10/	172	2	45.7	6					
	- Y						12		
								36	
W. 0.2	-0/6/C	11.9		70.0 M	147° () =	t top 3			
	XX = 35.	27.3 L			V and		++-	2-21-7-5/-	
			All Comments And Advanced to					2/	
				10,6A, 17		4/17/			
				24-1			Salaran		
				the state of the s					
							1		
	Property of the second	1.04		1.0	+10	1.5.51		C. V4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	

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DATE COLLECTED

								ZZ NUV	2700
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	•
РН	9.1	7.4	(9.1)	7.5	8.4	8.4	9.0	8.6	
PENOLTHALEIN ALKALINITY	6	0	6	0	6	6	6	8	
METHYL ORANGE ALKALINITY	5 0	186	50	158	17 4	162	58	158	
CARBONATES AS CaCO <sub>3</sub>	12	0	12	0	12	12	12	16	
BICARBONATES AS CaCO <sub>3</sub>	38	186	38	158	162	150	46	142	
CHLORIDES AS C1	10	32	1 2	16	20	24	16	80	
HARDNESS AS CaCO <sub>3</sub>	60	70	72	68	54	54	60	56	
IRON AS Fe	0.04	0.80	0.05	0.20	0.07	0.08	0.08	0.17	
FLUORIDE AM		0.14	0.48	0.15	0.08	0.07	0.76	0.60	
CHLORINE RESIDUAL	1.0	1.3	1.0	1.3	1.2	1.0	1.0	1.4	
TURBIDITY AM		0.4 4	0.24	0.22	0.24	0.26	0.28	0.92	
TOTAL PHOSPHATE		1.35			2.00				
ORTHO PHOSPHATE		1.21			0.41				100
META PHOSPHATE		0.14			1.59				
STABILITY	+0.3	-0.5	+0.4	-0.6	+0.1	+0.1	+0.4	+0.1	

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

DATE OF ANALYSIS 22 NOV 1983

Mr. Price

15	NOV	1983

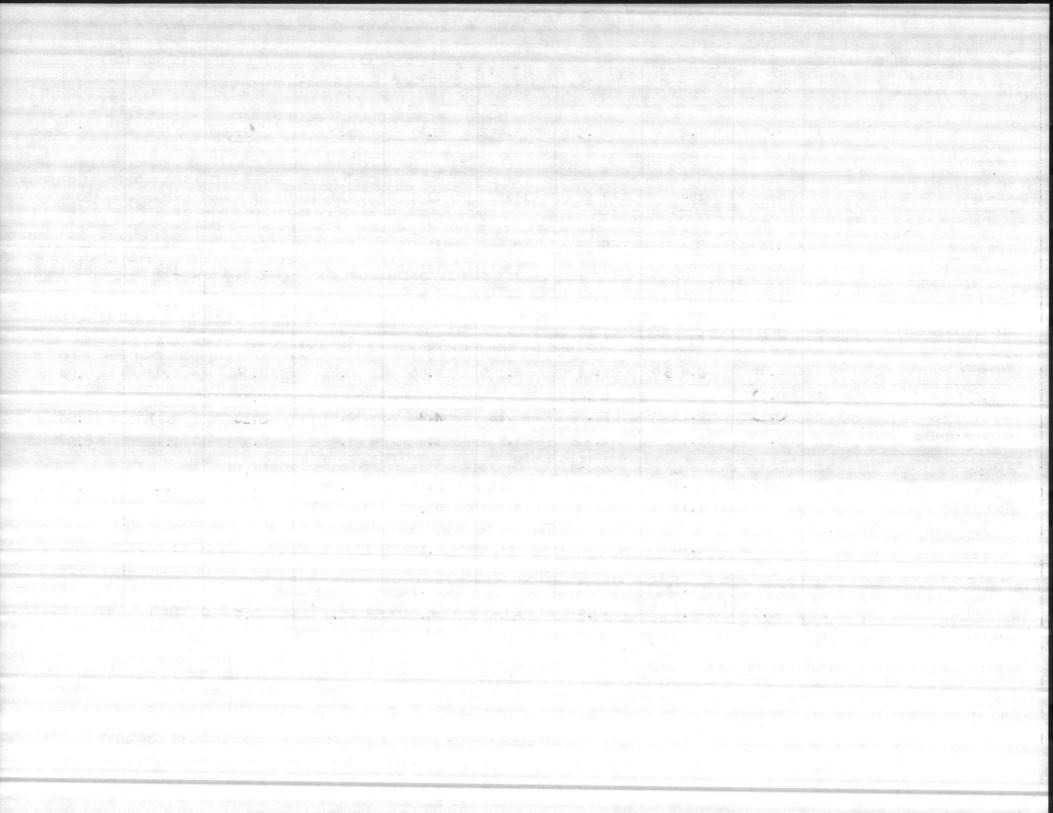
							IJ NUV	1203
HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVÉR	Complaint TT 3101
8.9	7.4	9 .1	7.4	8.4	8.5	9 -0 AM	8.9	8.4
6	0	4	0	6	4	6		2
56	194	3 8	156	17 0	138	56	208	66
12	•		٥	12		10	26	
44	19 4	30	156	158	130	44	184	62
10	40	12	16	2 0	28	12	114	10
6 6	52	6.8	68	56	44	60	44	90
0.04	0.4 5	0.04	0.1 5	0.04	0.06	0.04	0.08	0.04
1	0-15	0 .82	0 .18	0.09	0.09	0.18	0.87	0.90
1.0	1.1	1.3	1.2	1.2	1.0	0.9	1.2	0.6
	0 .37	0 .58 0 .32	0 .12	0.12	0.16	0 .12 0.4 2	0.52	0.62
	1.75			0 .82				
	1.10			0.13				
	0 .65			0 .69				
+0.3	-0.6	+0.3	-0.6		+0.1	+0.5	+0.2	
	POINT  8.9  6 56  12 44  10  6 6 0.04  0.12 0.13 1.0  0.26	POINT POINT  8.9 7.4  6 0 56 194  12 0 44 19 4  10 40  6 6 52  0.04 0.4 5  0.12 0.13 0.15 1.0 1.1  0.26 0.37 1.75  1.10  0.65	POINT POINT TERRACE  8.9 7.4 9.1  6 0 4  56 194 3 8  12 0 8  44 19 4 30  10 40 12  6 6 52 6 8  0.04 0.4 5 0.04  0.12 0.82 0.13 0.15 0.90  1.0 1.1 1.3  0.26 0.37 0.32 1.75  1.10  0.65	POINT POINT TERRACE BEACH  8.9 7.4 9.1 7.4  6 0 4 0  56 194 3 8 156  12 0 8 0 44 19 4 30 156  10 40 12 16  6 6 52 6 8 6 8  0.04 0.4 5 0.04 0.1 5  0.12 0.82 0.13 0.15 0.90 0.18  1.0 1.1 1.3 1.2  0.26 0.37 0.32 0.12  1.75  1.10  0.65	POINT POINT TERRACE BEACH BAY  8.9 7.4 9.1 7.4 8.4  6 0 4 0 6  56 194 3 8 156 17 0  12 0 8 0 12  44 19 4 30 156 158  10 40 12 16 2 0  6 6 52 6 8 6 8 56  0.04 0.4 5 0.04 0.1 5 0.04  0.12 0.82 0.13 0.15 0.90 0.18 0.09  1.0 1.1 1.3 1.2 1.2  0.26 0.37 0.32 0.12 0.12  1.75 0.82  1.10 0.65 0.69	POINT         TERRACE         BEACH         BAY         RANGE           8.9         7.4         9.1         7.4         8.4         8.5           6         0         4         0         6         4         56         17 0         138           12         0         8         0         12         8         12         8         130         156         158         130         10         40         12         16         2 0         28         29         20         20         20         20         20	POINT POINT TERRACE BEACH BAY RANGE BLVD  8.9 7.4 9.1 7.4 8.4 8.5 9.09.1 m  6 0 4 0 6 4 6  56 194 3 8 156 17 0 138 56  12 0 8 0 12 8 12  44 19 4 30 156 158 130 4 4  10 40 12 16 2 0 28 12  6 6 52 6 8 6 8 56 44 60  0.04 0.4 5 0.04 0.1 5 0.04 0.06 0.04  0.12 0.82 0.13 0.15 0.90 0.18 0.09 0.09 0.14  1.0 1.1 1.3 1.2 1.2 1.0 0.9  0.26 0.37 0.32 0.12 0.12 0.12 0.12 0.15  1.10 0.65 0.69	POINT POINT TERRACE BEACH BAY RANGE BLVD RIVER  8.9 7.4 9.1 7.4 8.4 8.5 9.09.1 8.9  6 0 4 0 6 4 6 12  56 194 3 8 156 17 0 138 56 208  12 0 8 0 12 8 12 24  44 19 4 30 156 158 130 4 4 184  10 40 12 16 2 0 28 12 114  6 6 52 6 8 6 8 56 44 60 4 4  0.04 0.45 0.04 0.1 5 0.04 0.06 0.04 0.08  0.12 0.33 0.35 0.90 0.18 0.09 0.09 0.18  1.0 1.1 1.3 1.2 1.2 1.0 0.9 1.2  0.26 0.37 0.32 0.12 0.12 0.12 0.12  0.46 0.45 0.46 0.42 0.52  1.10 0.13

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

Tachelle & Buens

DATE OF ANALYSIS

15 NOV 1983



Mr Price DATE COLLECTED 8 1400 83

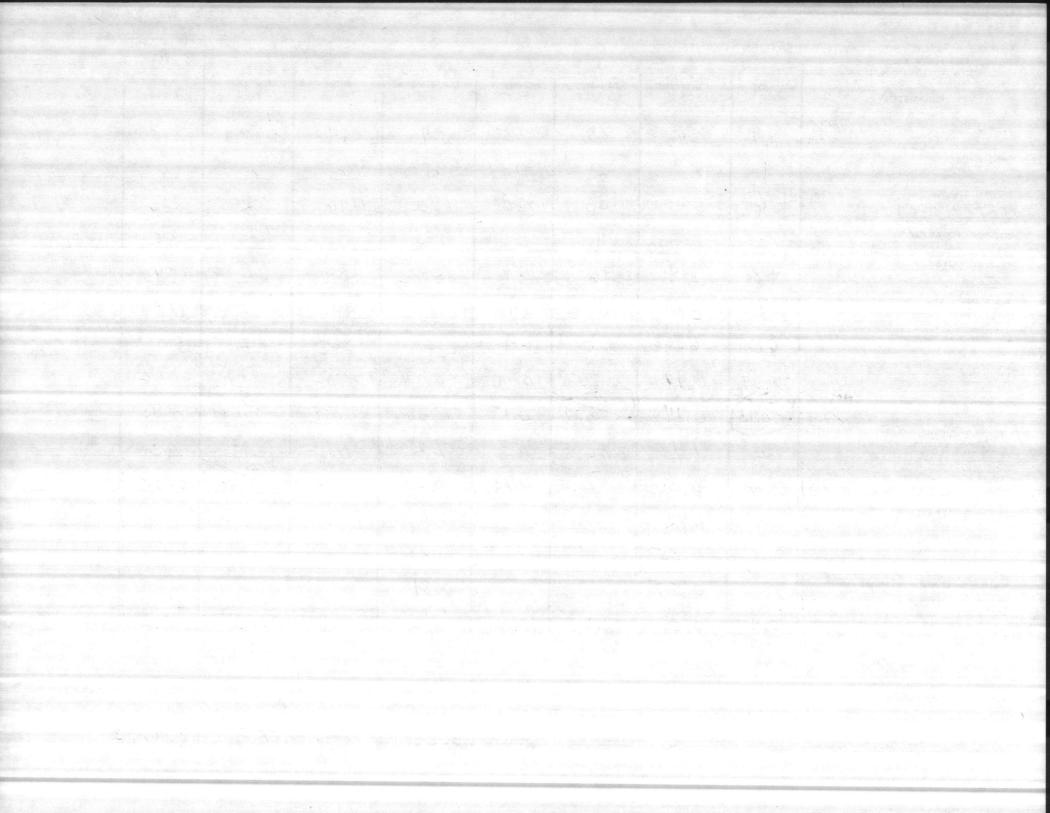
							0 //	
HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	<b>.</b> 0
8.9	7.4	8,2	7.5	8.4	8.4	8.9	8.8	
14	0	2	0	6	6	6	16	
56	194	100	160	170	146	62	226	
8	0	4	0	12	12	12	32	
48	194	96	160	158	134	50	194	
8	38	8	14	18	22	12	118	
60	68	60	64	70	56	62	50	Section 1
40.04	(0,47)	0,15	0.11	40,04	0.06	40.04	0.06	
0,15		0.61	0,17	0.08	0,08	0.95	0.95	
1.0	1.4	1.0	1,3	1.2	1.1	0,9	1,3	
9 0.16	0,30	0.22	0,18	0,20	0,18	0.12	0,38	
	1.92			1.09				
	1, 35			0,28				
	0.57			0,81				
0,4	-0,5	0.1	-0.6	+0.2	+0.1	to. 3	+0.2	
	8,9 4 56 8 48 8 60 20,04 0,13 1.0	POINT POINT  8,9 7,4 4 0 56 194 8 0 48 194 8 38 60 68 60 68 60 68 60 68 60 68 60 68 60 68 60 68 60 68 60 68 60 68 60 68 60 68 60 68 60 68 60 68 60 68 60 68 60 68	POINT POINT TERRACE  8.9 7.4 8.2  4 0 2  56 194 100  8 0 4  48 194 96  8 38 8  60 68 60  60,04 0,47 0,15  0,13 0,14 0,57  1.0 1,4 1,0  1.92  1.35  0.57  +	POINT POINT TERRACE BEACH  8,9 7.4 8,2 7.5 4 0 2 0 56 194 100 160 8 0 4 0 48 194 96 160 8 38 8 14 60 68 60 64 60 64 60 64 60 60 7 10 10 10 10 10 10 10 10 10 10 10 10 10	ROINT   TERRACE   BEACH   BAY	RANGE   BEACH   BAY   RANGE   RANGE	RANGE   BLVD   RANG	RANGE   BLVD   RIVER   RANGE   RANGE

REMARKS

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NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, LABORATORY ANALYSIS BY and specific conductance. One liter of potable water is assumed to weigh one kilogram.

DATE OF ANALYSIS 8 NOV 83



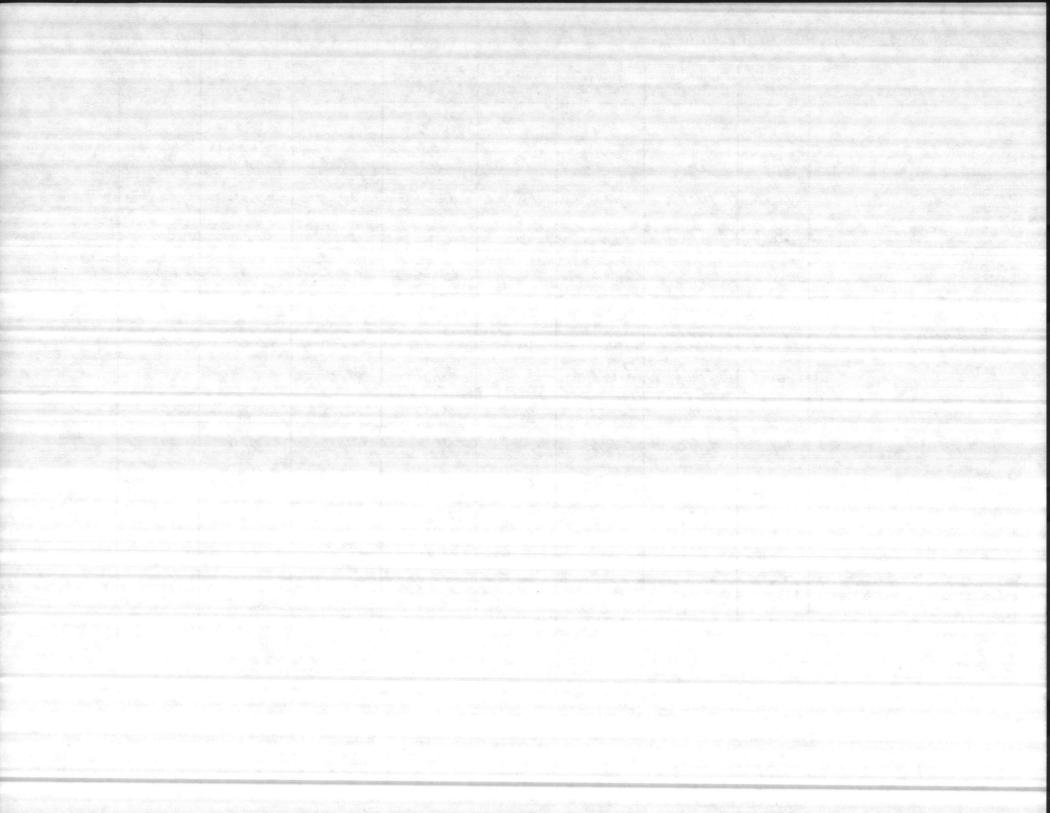
Mr. Price
DATE COLLECTED
11-1-83

								1 1	0 -
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	. NEW RIVER	
PH	8.5	7.3	(9,1)	7.5	8.2	8.2	8.8	8.5	
PENOLTHALEIN ALKALINITY	4	0	6	0	6	6	8	10	
METHYL ORANGE ALKALINITY	62	1961	40	162	174	160	60	178	
CARBONATES AS CaCO <sub>3</sub>	8	0	12	0	12	12	16	20	
BICARBONATES AS CaCO <sub>3</sub>	54	196.	.28	162	162	148	44	158	
CHLORIDES AS C1	8	38	12	16	16	24	12	86	
HARDNESS AS CaCO <sub>3</sub>	64	56	60	64	52	50	60	54	
IRON AS Fe	10.04	6.41)	10.04	0.15	10,04	0.07	50.04	0.07	all places
FLUORIDE AM	0.89	0.18	1.01	0.18	0.09	0.09	0.91	0.68	
CHLORINE RESIDUAL	1.0	1.4	1.0	1.3	1.2	1.2	0.9	1.3	
TURBIDITY AM	0.37	0.24	1.00	0.18	0.16	0.21	0.18	0.20	# PK 1 18 1
TOTAL PHOSPHATE		1.18			1.32				
ORTHO PHOSPHATE		1,10			0.16				
META PHOSPHATE		0.08			1.16				
STABILITY	+0.1	-0.6	+0,2	-0.6	0.0	-0.1	+0.3	+0,1	1979 (1974) 1979 (1974)
REMARKS					and the second second	No. of the second	Secretary - American	Mary Charles and Committee	Total earlies Area A

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, and specific conductance. One liter of potable water is assumed to weigh one kilogram.

LABORATORY ANALYSIS BY

DATE OF ANALYSIS



CHEMICAL ANALYSIS -	- WATER	TREATMENT	PLANTS
MCBCL 11330/3 (REV. 3-82)			

PH

STABILITY

REMARKS

HR CONE DATE COLLECTED 25 October 83 HADNOT MONTFORD TARAWA ONSLOW COURTHOUSE RIFLE HOLCOMB NEW PARAMETER POINT POINT TERRACE BEACH BAY RANGE BLVD RIVER 8.9 7.3 8.6 7.3 8.4 8.3 8.9 8.5 **PENOLTHALFIN** 8 ALKALINITY 6 0 6 6 6 10 METHYL ORANGE ALKALINITY 50 192 68 160 170 158 62 154 CARBONATES AS CaCO2 12 16 12 0 12 20 12 **BICARBONATES** AS CaCO 2 38 197 52 160 158 146 50 134 **CHLORIDES AS C1** 6 40 8 8 16 14 74 22 HARDNESS AS CaCO3 78 64 86 56 58 52 62 66 IRON AS Fe 0.50 20.04 20.04 40.04 L0.04 40.04 0.10 0.08 **FLUORIDE** 0.19 7.06 056 0.19 0.11 0.99 0.56 0.11 **CHLORINE RESIDUAL** 1.6 1.3 1.3 1,0 1.4 1.1 1.0 1.3 0.18 TURBIDITY 0.44 0.18 0.44 0.18 0.20 0.17 0.18 0.24 TOTAL PHOSPHATE 4.60 2.00 ORTHO PHOSPHATE 6.9 2.26 META PHOSPHATE

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, LABORATORY ANALYSIS BY DATE OF ANALYSIS and specific conductance. One liter of potable water is assumed to weigh one kilogram. 2500 83 LACHAPELLY, BURNS & MONAHAN

-0.7

2.34

-0.

+0.3

+0.3

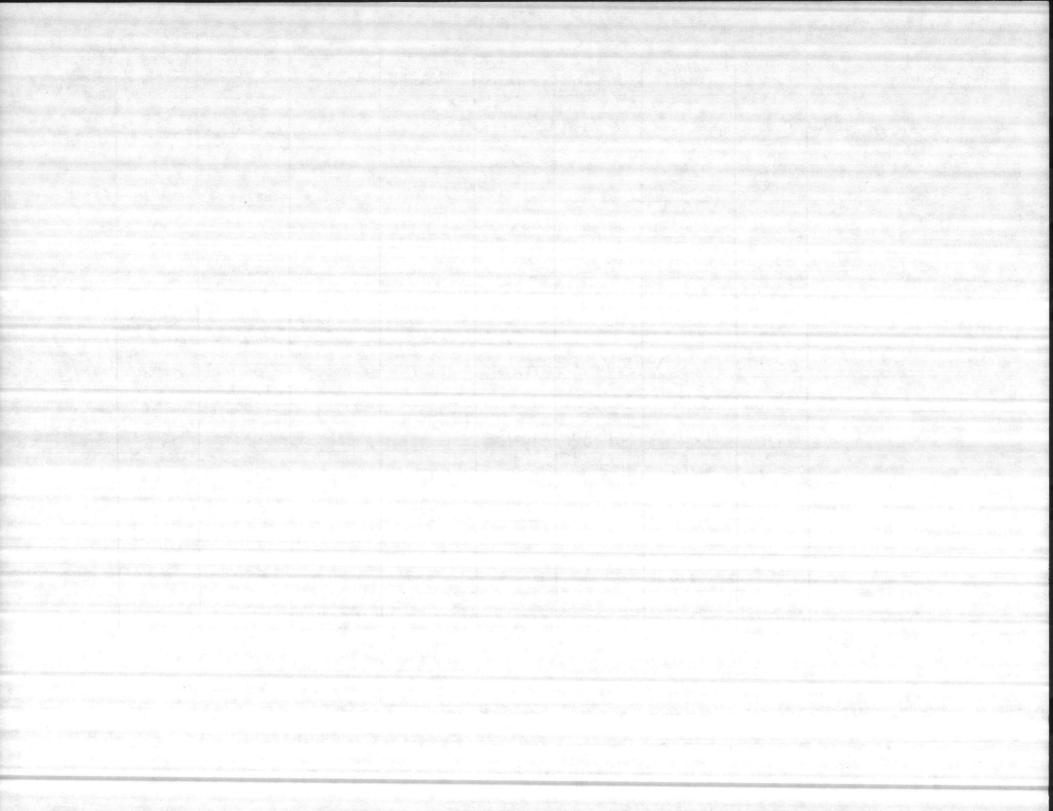
1.31

+0.

+0.1

40.3

4.0.2

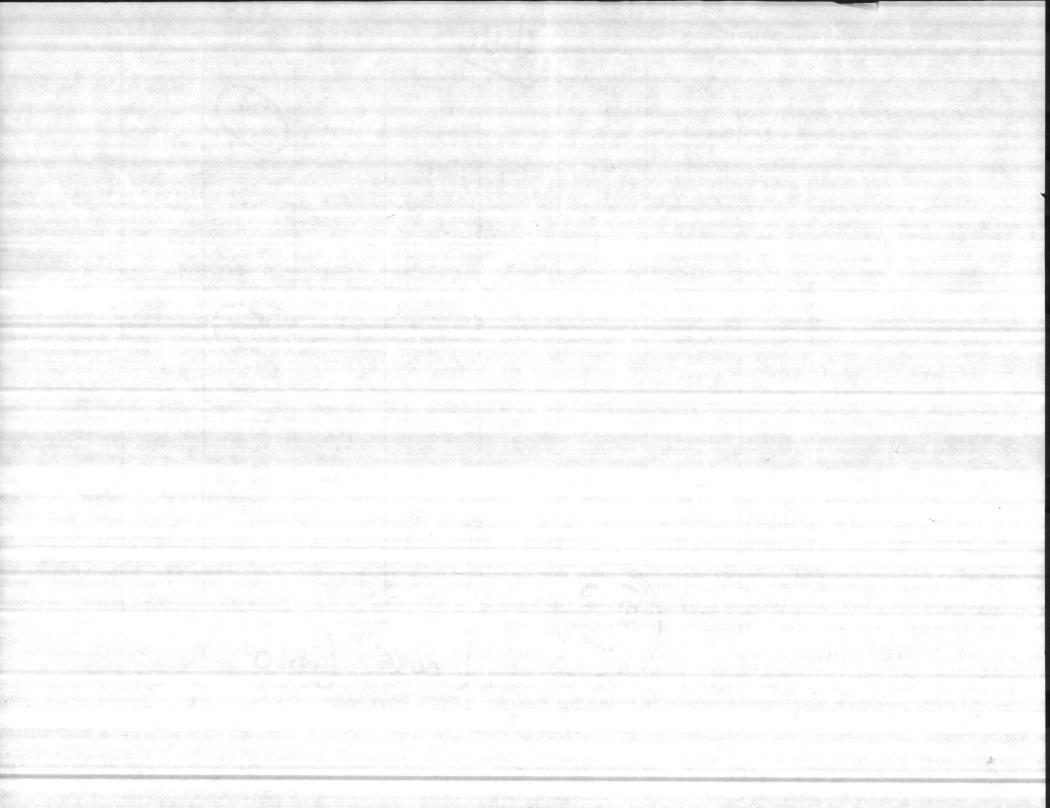


CHEMICAL ANALYSIS — WATER MCBCL 11330/3 (REV. 3-82)	TREATMENT PLANTS 4.8.							Mr. Price DATE COLLECTED 10-18-83		
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW	COURTHOUSE	RIFLE RANGE	HOLCOMB	NEW RIVER	/ .	
PH	8.7	7.3	9.0	7.4	8.0	8.3	(8,8)	8,6		
PENOLTHALEIN ALKALINITY	6	0	6	0	2	4	6	8		
METHYL ORANGE ALKALINITY	66	194	52	160	172	154	60	122		
CARBONATES AS CaCO <sub>3</sub>	12	0	12	0	4.	8	12	16		
BICARBONATES AS CaCO 3	54	194	40	160	168	146	48	106		
CHLORIDES AS C1	8	38	10	20	18	22	12	86		
HARDNESS AS CaCO <sub>3</sub>	76	74	72	70	58	52	(62)	54		
IRON AS Fe	10.04	(0.38)	10.04	0.15	10.04	10.04	(0.04)	0.12	17 20	
FLUORIDE AM	1.05	0.17	0.93	0.19	0.10	0.10	0.48	0.51		
CHLORINE RESIDUAL	0.9	1.4	1.1	1.4	1.3	1.1	1.0	1,3		
TURBIDITY AM	0.22	0.32	0.10	0.26	0.18	0.20	0.32	0.46		
TOTAL PHOSPHATE		2.18			0.96					
ORTHO PHOSPHATE		1.17			0.41					
META PHOSPHATE		1.01	6		0.55					
STABILITY	+0,3	-0.6	20.4	-0.6	-0.1	0.0	+0.3	+0.1	445 	
REMARKS			1		1000	(	0.0			

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, LABORATORY ANALYSIS BY and specific conductance. One liter of potable water is assumed to weigh one kilogram.

LABOBATORY ANALYSIS BY

DATE OF ANALYSIS
10-18-83



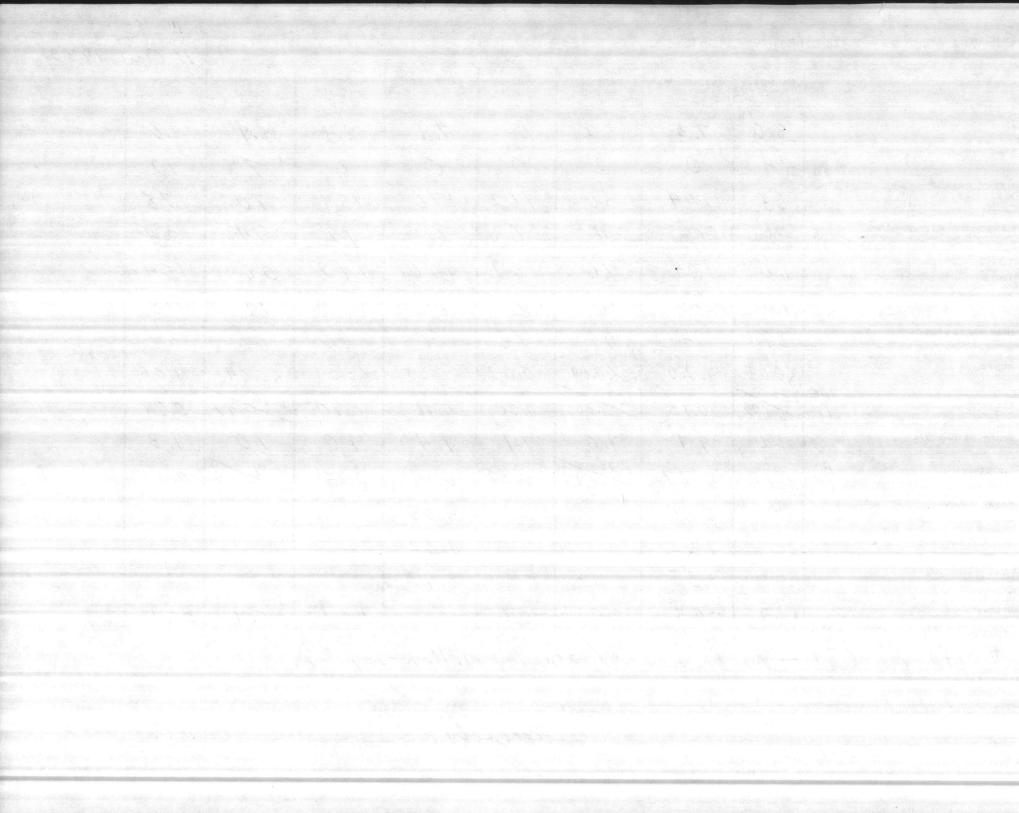
Mr. Price
DATE COLLECTED
11 Oct 1983

MCBCL 11330/3 (REV. 3-82)								1100	1907
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
PH	8.6	7,3	8.2	7.4	7.9	8,4	8.9	8.6	
PENOLTHALEIN ALKALINITY	4	0	2	0	0	6	7	12	
METHYL ORANGE ALKALINITY	68	194	80	162	176	154	70	178	
CARBONATES AS CaCO <sub>3</sub>	8	0	4	0	0	12	14	24	
BICARBONATES AS CaCO <sub>3</sub>	60	194	76	162	176	142	56	154	
CHLORIDES AS C1	10	38	10	20	18	24	14	118	
HARDNESS AS CaCO <sub>3</sub>	80	94	98	66	60	46	68	54	
IRON AS Fe	40.04	(1.20)	40.04	0.07	40.04	40.04	40.04	0.05	
FLUORIDE AM	1.02	0.18	1.03	0.20	0.11	0.10	0.96	0.69	
CHLORINE RESIDUAL	1.0	1.1	1.0	1.1	1.4	1.0	1.0	1,3	
TURBIDITY AM	0.16	0.77	0.18	0.22	0.14	0.15	0,19 0,25	0,32	
TOTAL PHOSPHATE		2.95			4.05				
ORTHO PHOSPHATE		1.62			0.62				
META PHOSPHATE		1.33			3,43				
STABILITY	+0.2	-0.5	0.0	-0.6	-0.2	+0.1	+0.4	+0,1	
REMARKS			,			•	a language		

\* Softener Out - Per Phoneon W/ Stanley Millen-Leader

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, LABORATORY ANALYSIS BY and specific conductance. One liter of potable water is assumed to weigh one kilogram.

DATE OF ANALYSIS 11 Oct 1983



CHEMICAL ANALYSIS -	WATER	TREATMENT	<b>PLANTS</b>	
MCBCL 11330/3 (REV. 3-82)				

Price DATE COLLECTED
10-4-83

MEDIC 1130/3 (NEV. 3-02)								10-4-83	
PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	
PH 3	8.6	7.3	8,9	7.3	8,0	8,3	8.8	8.6	
PENOLTHALEIN ALKALINITY	4	0	6	0	0	6	6	10	
METHYL ORANGE ALKALINITY	64	190	48	160	154	156	66	170	
CARBONATES AS CaCO <sub>3</sub>	8	0	12	0	0	12	12	20	
BICARBONATES AS CaCO <sub>3</sub>	56	190	36	160	154	144	54	150	
CHLORIDES AS C1	10	34	10	16	18	26	12	114	
HARDNESS AS CaCO <sub>3</sub>	70	56	66	76	68	48	68	60	
IRON AS Fe	10.04	0.40	40,04	0.06	40,04	10.04	(1.35)	0,09	
FLUORIDE AT	1.04	0.18	0.48	0,21	0.12	0.10	0.99	0.72	
CHLORINE RESIDUAL	1.0	1.3	1.0	1.4	1.2	1.0	0.9	1,3	
TURBIDITY AT	0.34	0.56	0.26	0,18	0,18	0.18	0.18	0,34	
TOTAL PHOSPHATE		2,60			3,10				1
ORTHO PHOSPHATE		1,26			0.35				
META PHOSPHATE		1.34			2,75				
STABILITY REMARKS	+0,3	-0,6	+0,3	-0.7	-0,1	0.0	+0,3	+0.2	

Repeat Sample on HB the Fe pend 40,04 10-5-83

NOTE: All results reported in parts per million unless otherwise noted except for pH, temperature, LABORATORY ANALYSIS/BY and specific conductance. One liter of potable water is assumed to weigh one kilogram.

DATE OF ANALYSIS 10-4-83

