6280/1
NREAD
7 Aug 1984

From: Commanding General, Marine Corps Base, Camp Lejeune
To: Commanding Officer, Naval Hospital, Camp Lejeune

Subj: WATER QUALITY MONITORING AND RELATED ENVIRONMENTAL HEALTH CONSIDERATIONS

Ref: (a) CG MCB CLNC ltr NREAD/DDS/th 11330/2 of 19 May 1983

Encl: (1) Weekly Chemical Analysis of Drinking Water for June 1984
(2) Weekly Bacteriological Analysis of Drinking Water for June 1984
(3) Weekly Chemical Analysis of Drinking Water for July 1984
(4) Weekly Bacteriological Analysis of Drinking Water for July 1984
(5) Wallace Creek Bacteriological Analysis
(6) Analysis of Complaints

1. In accordance with the reference, enclosures (1) through (6) are forwarded for information.

2. Questions regarding this matter should be addressed to Mr. Danny Sharpe, Supervisory Ecologist, extensions 2083, 5003 or 1690.

C. D. PETERSON
By direction

Blind copy to:
SupvyChem

CLW
0000004181

Writer: E. Betz, NREAD, 5977
Typist: J. Cross, 7Aug1984, 5003

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

DATE COLLECTED
5 June 1984

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 $CaCO_3$		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 $CaCO_3$		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	0.90		0.94				0.86	
	PM	0 .97	0.18	1.16	0 .19	0.12	0.10	0.86	0.89
CHLORINE RESIDUAL		1.0	1 .4	1.2	1.1	1.2	1.0	1.0	1 .2
TURBIDITY	AM	0 .6		0.8				0.3	
	PM	0.7	1 .3	1.1	0.5	0.4	0.5	0.2	1.7
TOTAL PHOSPHATE			0 .69			1.00			
ORTHO PHOSPHATE			0 .66			0.16			
META PHOSPHATE			0 .03			0.84			
STABILITY		+0.3	−0.6	0 .0	−0.6	+0.1	−0.6	+0.2	+0.1

REMARKS

CLW

0000004182

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

Burns

Lockwell

DATE OF ANALYSIS
5 June 1984

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

41. Hinckley

DATE COLLECTED: 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	0	2	0	4	4	4	10
METHYL ORANGE ALKALINITY	58	188	66	166	172	158	58	136
CARBONATES AS $CaCO_3$	8	0	4	0	8	8	8	20
BICARBONATES AS $CaCO_3$	50	188	62	166	164	150	50	116
CHLORIDES AS Cl	12	50	10	18	16	30	14	128
HARDNESS AS $CaCO_3$	66	100	78	60	66	64	58	60
IRON AS Fe	0.08	0.66	0.04	0.14	0.05	0.04	0.05	0.20
FLUORIDE AM / PM	0.93 / 0.98	0.16	0.84 / 0.91	0.16	0.11	0.08	1.03 / 0.94	0.58
CHLORINE RESIDUAL	1.0	1.5	1.0	1.3	1.2	1.0	0.9	1.3
TURBIDITY AM / PM	0.3	0.8	0.3 / 0.6	0.3	0.2	0.3	0.3 / 1.3	2.3
TOTAL PHOSPHATE		2.08			0.66			
ORTHO PHOSPHATE		0.84			0.10			
META PHOSPHATE		1.24			0.56			
STABILITY	+0.6	-0.8	+0.2	-0.8	0.0	-0.1	+0.4	+.02

REMARKS

CLW

0000004183

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: T. Barbee, J. Hengartt

DATE OF ANALYSIS: 12 JUN 84

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

UTIL. DIRECTOR

DATE COLLECTED 19 JUN 84

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	0	6	0	8	8	
METHYL ORANGE ALKALINITY	60	184	60	132	162	144	70	156	
CARBONATES AS $CaCO_3$	16	0	8	0	12	0	16	16	
BIGARBONATES AS $CaCO_3$	44	184	52	132	150	144	54	140	
CHLORIDES AS C1	10	42	16	22	20	28	14	126	
HARDNESS AS $CaCO_3$	62	64	74	54	50	48	72	78	
IRON AS Fe	0.04	(0.55)	0.04	0.10	0.04	0.04	0.04	0.05	
FLUORIDE AM / PM	(0.15) / (0.14)	0.16	0.92 / 0.89	(0.15)	0.10	0.09	(0.12) / (0.18)	0.55	
CHLORINE RESIDUAL	1.0	1.2	1.0	1.4	1.3	1.4	0.9	1.3	
TURBIDITY AM / PM	7.3 / 0.9	1.0	0.3 / 0.5	0.3	0.2	0.3	0.3 / 0.2	0.7	
TOTAL PHOSPHATE		2.95			0.92				
ORTHO PHOSPHATE		1.30			0.19				
META PHOSPHATE		1.75			0.73				
STABILITY	+0.3	−0.7	0	−0.8	+0.3	−0.1	+0.3	+0.2	

REMARKS

CLW

0000004184

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 ~~[illegible]~~ Barbee

DATE OF ANALYSIS 19 JUN 84

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

DATE COLLECTED: 26 JUNE 84

PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	OB POND
PH	9.04	7.35	8.63	7.55	8.35	8.33	8.84	8.67	9.11
PENOLTHALEIN ALKALINITY	6	0	2	0	4	2	6	6	
METHYL ORANGE ALKALINITY	50	182	54	160	164	150	60	156	
CARBONATES AS $CaCO_3$	12	0	4	0	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 $CaCO_3$	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 / PM	0.12 / 0.12	0.13	0.92 / 0.90	0.15	0.08	0.08	0.15 / 0.13	0.66	
CHLORINE RESIDUAL	1.1	1.4	1.0	1.5	1.4	1.0	1.0	1.2	
TURBIDITY AM / PM	0.5	0.48	0.26 / 0.27	0.19	0.57	0.36	0.1 / 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	+0.24	−0.76	−0.07	−0.17	+0.38	+0.07	

REMARKS

CLW

0000004185

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: T.L. Barbee, K. Kenyaut

DATE OF ANALYSIS: 26 JUNE 84

BACTERIOLOGICAL ANALYSIS OF WATER
MCBCL 11330/4 (REV. 7-83)

UTIL DIR DIRECTOR

DATE COLLECTED 6/26/84

REPORTABLE POINTS FOR SDWA

WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME
RR - 3	1	NOT REPORTED	NOT REPORTED	
RR - 15	2			
RR -	3			
	4			
A-1	5			
BB - 7	6			
BB - 49	7			
BB -	8			
	9			
BA - 103	10			
BA -	11			
	12			
TT - 38	13	ϕ	1.0	0915
TT - 43	14		1.0	1000
TT - 2465	15		0.9	0955
	16			
CK - 1509	17		0.5	1100
M - 139	18		0.7	1030
M - 136	19		1.0	1045
	20			
CG - 1 OLD TRAILER PARK	21		0.5	1130
TC - 830	22	↓	0.6	1120
TC - 715	23	ϕ	0.6	1110

WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME
MCAS - 3502	24	ϕ	0.6	1050
MCAS - 2002	25		0.5	1030
MCAS - 457	26	ϕ	0.6	0845
MCAS - M.O.Q	27	NOT REPORTED	0.6	0915
	28			
NRMC - FOOD SERVICE	29	ϕ	1.0	1050
PP - 2615	30		0.7	1030
PP - 2600	31		0.7	1040
BM - 5400	32		1.0	1100
BM - 1954	33		0.8	1105
LCH - 4022	34		0.6	1120
LCH - 4014	35		0.5	1130
	36			
H - 1 WARD 12-A	37		0.8	1015
H - 18	38		0.6	1020
FC - 303	39		0.9	0925
FC - 420	40		1.0	0930
FC - 540	41		1.0	0940
HP - 236	42		0.7	1000
HP - 540	43		0.8	0915
HP - 1300	44	↓	0.8	0900
HP - 15	45	ϕ	0.9	1220
	46			

LABORATORY DATA

TIME RECEIVED 1220 - 1325
DATE RECEIVED 6/26/84
ACCEPTED BY BURNS + BIS T2
DATE ANALYZED 6/26/84
ANALYSIS STARTED 1330
ANALYSIS FINISHED 1500
INCUBATOR TEMP 35.4
PROCESSED BY BURNS

CUSTODY DATA

DATE
TIME
SIGNATURE
DATE
TIME
SIGNATURE

COPY TO:

- ☐ UTIL DIR
- ☐ WATER TREATMENT
- ☐ PMU ☐ MCAS PMO
- ☐ NREAD ☐ FILE
- ☐ _____

REMARKS

CLW

0000004186

SIGNATURE H. D. Burns

6/27/84

BACTERIOLOGICAL ANALYSIS OF WATER
MCBCL 11330/4 (REV. 7-83)

DATE COLLECTED
5 JUN 84

REPORTABLE POINTS FOR SDWA

WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME
RR - 3	1	∅	0.6	0900
RR - 15	2		0.6	0910
RR - 6	3		0.8	0920
	4			
A-1	5	∅	0.6	0935
BB - 7	6		0.8	1055
BB - 49	7		0.8	1040
BB - 38	8		0.5	1100
	9			
BA - 103	10	∅	0.5	1010
BA - 105	11		0.4	1020
	12			
TT - 38	13	∅	1.2	0909
TT - 43	14		1.2	0938
TT - 60	15		0.7	0922
	16			
CK - 1500	17	∅	0.8	1000
M - 139	18		0.5	1020
M - 19	19		1.0	1042
	20			
CG - 1	21	∅	0.3	1145
TC - 830	22		1.0	1000
TO - 815	23		0.6	1020

WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME
MCAS - 3502	24	∅	0.4	1135
MCAS - 2002	25		0.5	0940
MCAS - 4157	26		0.6	1100
MCAS - 2060	27		0.7	0815
	28			
NRMC - FOOD SERVICE	29	* ∅	0.8	1150
PP - 2615	30	∅	0.8	1135
PP - 2600	31	∅	0.7	1140
BM - 5400	32	* ∅	0.7	1240
BM - 1985	33	* ∅	0.6	1250
LCH - 4022	34	∅	0.6	1220
LCH - 4002	35	∅	0.5	1230
	36			
H - 1 12A WARD	37	∅	0.8	1100
H - 16	38	* ∅	0.7	1055
FC - 303	39	∅	0.8	0900
FC - 420	40		0.7	0910
FC - 540	41		0.8	0920
HP - 236	42		0.7	0850
HP - 540	43		0.7	0840
HP - 1300	44		0.4	0825
HP - 20	45		0.8	1045
CLW				

LABORATORY DATA	
TIME RECEIVED	
DATE RECEIVED	6-5-84
ACCEPTED BY	
DATE ANALYZED	6-5-84
ANALYSIS STARTED	
ANALYSIS FINISHED	
INCUBATOR TEMP	35.2°C
PROCESSED BY	BARBEE
CUSTODY DATA	
DATE	
TIME	
SIGNATURE	
DATE	
TIME	
SIGNATURE	
COPY TO:	
☒ UTIL DIR	
☐ WATER TREATMENT	
☐ PMU ☐ MCAS PMO	
☐ NREAD ☐ FILE	
☐ _____	

REMARKS
* NUMEROUS NON-COLIFORM COLONIES.

0000004187

SIGNATURE
Thomas H Barbee 6-6-84

BACTERIOLOGICAL ANALYSIS OF WATER — NON-REPORTABLE

WATER SAMPLES	MARKED	COLIFORM COUNT M-ENDO MEDIUM	RESIDUAL CHLORINE	pH	TIME
BB-97		ϕ	1.0		1030
FC-19		✡	0.8		0930
SH-8			1.5		0952
T.T. POOL			0.8	7.0	0949
M.P. POOL			0.5	7.4	1016
#2 POOL			0.6	7.8	0850
#5 POOL			0.8	7.3	0840
P. P. POOL			0.9	7.1	1130
P. P. BABY POOL			0.9	7.1	1130
MCAS E-POOL		✡	0.7	7.4	0930
MCAS O-POOL		✡	0.6	7.8	0900
MCAS BABY POOL		✡	0.6	7.8	0905
ICE SAMPLE BLDG. 1300					0825

REMARKS ✡ NUMEROUS NON-COLIFORM COLONIES

CLW

0000004188

MCBCL 11330/4 (A)

BACTERIOLOGICAL ANALYSIS OF WATER
MCBCL 11330/4 (REV. 7-83)

DATE COLLECTED
12 June 1984

REPORTABLE POINTS FOR SDWA

WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME	WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME
RR - 3	1	Ø	0.9	1000	MCAS - 3502	24	Ø	0.3	0855
RR - 15	2		0.8	1015	MCAS - 2002	25		0.4	0910
RR -72	3		0.7	1020	MCAS -4157	26		0.4	0845
	4				MCAS -2116	27		0.7	0920
A-1	5		0.9	0930		28			
BB - 7	6		1.0	0910	NRMC - Food Service	29		0.7	1049
BB - 49	7		1.0	0920	PP - 2615	30		0.5	1106
BB -177	8		1.0	0850	PP - 2611	31		0.5	1100
	9				BM - 5400	32		0.5	1130
BA - 103	10		1.2	1030	BM - 825	33		0.6	1137
BA -144	11		1.0	1040	LCH - 4022	34		0.5	1033
	12				LCH - 4000	35		0.5	1040
TT - 38	13		1.0	0930		36			
TT - 43	14		0.9	094 5	H - 1	37		0.5	1150
TT -205	15		1.0	1000	H -16	38		0.5	1200
	16				FC - 303	39		0.7	0950
CK - 1100	17		0.8	1030	FC - 420	40		0.6	0941
M - 139	18		1.3	1050	FC - E-Club	41		0.6	0932
M - 19	19		1.3	1115	HP - 236	42		0.5	1212
	20				HP - 540	43		0.5	1240
CG - 1	21		0.5	0830	HP - 1300	44		0.4	0906
TC - 830	22		0.8	0815	HP - 1203	45	Ø	0.5	0918
TC 650	23	Ø	1.0	0820		46			

CLW

LABORATORY DATA

TIME RECEIVED 1220-1330
DATE RECEIVED 6-12-84
ACCEPTED BY L & H
DATE ANALYZED 6-12-84
ANALYSIS STARTED 1250-1345
ANALYSIS FINISHED 1312-1430
INCUBATOR TEMP 35.2° C
PROCESSED BY L

CUSTODY DATA

DATE
TIME
SIGNATURE
DATE
TIME
SIGNATURE

COPY TO:

- ☒ UTIL DIR
- ☐ WATER TREATMENT
- ☐ PMU ☐ MCAS PMO
- ☐ NREAD ☐ FILE
- ☐ _____

REMARKS
Non-coliform found in sample 24 & 27

00000041189

SIGNATURE
Robert J. Lachapelle

BACTERIOLOGICAL ANALYSIS OF WATER NON-REPORTABLE

WATER SAMPLES	MARKED	COLIFORM COUNT M-ENDO MEDIUM	RESIDUAL CHLORINE	pH	TIME
BB-97		Ø	0.7		0900
FC-19		Ø	1.2		1012
SH-8		Ø	2.0+		1000
TT Pool		Ø	0.2	7.4	0945
M.P. POOL		Ø	0.8	7.3	1100
#2 POOL		Ø	1.0	7.4	1216
#5 POOL		Ø	1.2	7.6	1245
P. P. POOL		Ø	1.5	7.2	1116
P. P. BABY POOL		Ø	1.5	7.2	1120
MCAS E-POOL		Ø	0.4	7.4	0945
MCAS O-POOL		Ø	0.5	7.6	0930
MCAS BABY POOL		Ø	0.4	7.4	0930
Ice Sample		Ø			0911

REMARKS

Non-coliform bacti found in all three MCAS pools.

CLW

MCBCL 11330/4 (A)

000 4190

BACTERIOLOGICAL ANALYSIS OF WATER
MCBCL 11330/4 (REV. 7-83)

DATE COLLECTED 6-19-84

REPORTABLE POINTS FOR SDWA

WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME	WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME
RR - 3	1	ϕ	1.1	1010	MCAS - 3502	24	ϕ	0.3	1000
RR - 15	2		1.1	1005	MCAS - 2002	25		0.5	1018
RR - 13	3		1.1	1016	MCAS - 4157	26		0.5	0945
	4				MCAS - E-1154	27		0.6	1054
A-1	5		0.8	0832		28			
BB - 7	6		0.9	0830	NRMC - FOOD SERVICE	29		0.7	1115
BB - 49	7		1.0	0835	PP - 2615	30		0.7	1055
BB - 9	8		1.0	0840	PP - 2600	31		0.6	1045
	9				BM - 5400	32		0.6	1130
BA - 103	10		0.9	0930	BM - 1985	33		0.6	1125
BA - 102	11		0.9	0936	LCH - 4022	34		0.6	1150
	12				LCH - 4014	35		0.5	1140
TT - 38	13		1.0	0850		36			
TT - 43	14		0.9	0920	H - 1 WARD 12-A	37		0.7	1030
TT - 3360	15		0.9	0945	H - 18	38		0.6	1020
	16				FC - 303	39		0.7	0930
CK - 1604	17		0.3	1215	FC - 420	40		0.8	0925
M - 139	18		1.2	1100	FC - 540	41		0.7	0930
M - 231	19		1.1	1145	HP - 230	42		0.7	1010
	20				HP - 540	43		0.8	0910
CG - 1	21		0.3	0933	HP - 1300	44		0.2	0900
TC - 830	22	↓	1.5	0916	HP - 15	45	ϕ	0.8	1000
TC - 701	23	ϕ	0.6	0907		46			

LABORATORY DATA

TIME RECEIVED 1140 - 1340
DATE RECEIVED 6-19-84
ACCEPTED BY JVANS
DATE ANALYZED 6-19-84
ANALYSIS STARTED 1150
ANALYSIS FINISHED 1340
INCUBATOR TEMP 34.7
PROCESSED BY JVANS

CUSTODY DATA

DATE
TIME
SIGNATURE
DATE
TIME
SIGNATURE

COPY TO:
☒ UTIL DIR
☐ WATER TREATMENT
☐ PMU ☐ MCAS PMO
☐ NREAD ☐ FILE
☐ _____

REMARKS

#26 MCAS 4157 = TNTC NON-COLIFORM 0000004191

CLW

SIGNATURE

J. Burns

BACTERIOLOGICAL ANALYSIS OF WATER — NON-REPORTABLE

WATER SAMPLES	MARKED	COLIFORM COUNT M-ENDO MEDIUM	RESIDUAL CHLORINE	pH	TIME
BB-97		ϕ	1.0		0845
FC-19		ϕ	TRACE		0950
SH-8		ϕ	2.0		0940
T.T. POOL		~~ϕ~~ 3	1.1	7.5	0930
M.P. POOL		ϕ	0.6	7.4	1118
#2 POOL		ϕ	0.5	7.8	1010
#5 POOL		ϕ	0.8	7.4	0910
P. P. POOL		ϕ	1.0	7.3	1100
P. P. BABY POOL		ϕ	0.7	7.1	1100
MCAS E-POOL		ϕ	0.7	7.4	1111
MCAS O-POOL		ϕ	0.6	7.2	1030
MCAS BABY POOL		ϕ	0.6	7.2	1036

REMARKS

MCAS - O - POOL > NUMEROUS

MCAS - BABY POOL NON-COLIFORM

CLW

MCBCL 11330/4 (A)

4192

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

DATE COLLECTED: 3 JULY 84

PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER	ONSLOW BEACH 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 $CaCO_3$	8	0	0	0	8	4	8	20	
BICARBONATES AS $CaCO_3$	46	178	148	124	158	154	62	142	
CHLORIDES AS Cl	10	18	16	28	20	16	14	134	
HARDNESS AS $CaCO_3$	58	54	154	56	60	52	70	56	
IRON AS Fe	<0.04	(0.48)	0.10	0.25	<0.04	0.05	<0.04	0.09	
FLUORIDE	0.17 / 0.99	0.16	0.79 / 0.70	0.19	0.10	0.08	0.90 / 0.88	0.73	
CHLORINE RESIDUAL	1.1	1.3	1.0	1.6	1.2	1.0	0.9	1.3	
TURBIDITY	0.63 / 0.83	0.44	0.51 / 0.50	0.38	0.25	0.30	0.28 / 0.20	2.64	
TOTAL PHOSPHATE		1.54			1.13				
ORTHO PHOSPHATE		1.04			0.25				
META PHOSPHATE		0.50			0.88				
STABILITY	-0.35	-0.81	-0.49	-0.71	+0.87	0	+0.28	+0.10	

REMARKS: CLW

00000041 93

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: T. Barbee LACHAPELLE (TB)

DATE OF ANALYSIS: 3 JULY 84

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

UTIL. DIRECTOR

DATE COLLECTED 7/10/84

PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER
PH	8.8	7.5	8.7	7.6	8.5	8.3	8.9	8.9
PENOLTHALEIN ALKALINITY	4	0	4	0	4	2	6	4
METHYL ORANGE ALKALINITY	64	170	56	150	170	150	60	150
CARBONATES AS $CaCO_3$	8	0	8	0	8	4	12	8
BICARBONATES AS $CaCO_3$	56	170	48	150	162	146	48	142
CHLORIDES AS Cl	10	30	10	14	18	10	10	134
HARDNESS AS $CaCO_3$	72	68	70	64	64	38	60	58
IRON AS Fe	0.06	(0.68)	<0.04	(0.40)	<0.04	0.05	<0.04	0.08
FLUORIDE A.M / P.M	1.17 / 1.10	0.16	0.93 / 0.91	0.17	0.09	0.08	1.30 / 1.25	0.60
CHLORINE RESIDUAL	1.1	1.4	1.0	1.3	1.3	1.0	0.8	1.2
TURBIDITY	3.3 / 3.3	1.4	0.2 / 0.6	0.52	0.40	0.40	0.2 / 0.57	1.00
TOTAL PHOSPHATE		4.80			0.92			
ORTHO PHOSPHATE		1.66			0.22			
META PHOSPHATE		3.14			0.70			
STABILITY	+0.5	−0.8	+0.3	−0.8	+0.1	−0.2	+0.5	+0.3

REMARKS

CLW

0000004194

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 H J Burns

DATE OF ANALYSIS 7/10/84

CHEMICAL ANALYSIS — WATER TREATMENT PLANTS

MCBCL 11330/3 (REV. 3-82)

UTIL. DIRECT

DATE COLLECTED: 17 JULY 84

PARAMETER	HADNOT POINT	MONTFORD POINT	TARAWA TERRACE	ONSLOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER
PH	9.1	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 $CaCO_3$	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 $CaCO_3$	48	70	50	60	58	42	66	60
IRON AS Fe	<0.04	0.49	<0.04	0.21	<0.04	0.08	0.06	0.06
FLUORIDE A.M./P.M.	1.01/1.05	0.17	0.99/0.99	0.19	0.10	0.07	1.40/1.30	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	0.7/5.6	0.3	0.20	0.4	0.20/0.30	0.90
TOTAL PHOSPHATE		4.05			0.92			
ORTHO PHOSPHATE		1.35			0.16			
META PHOSPHATE		2.70			0.76			
STABILITY	+0.3	−0.6	+0.3	−0.6	+0.1	−0.1	+0.2	

REMARKS

CLW

00000004195

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: H. J. Burns + Barbee

DATE OF ANALYSIS: 17 JULY 84

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

DATE COLLECTED: 24 July 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 $CaCO_3$	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	
HARDNESS AS $CaCO_3$	60	86	80	72	60	48	58	76	
IRON AS Fe	<0.04	(0.77)	<0.04	0.12	<0.04	<0.04	<0.04	<0.04	
FLUORIDE AM / PM	1.00 / 1.06	0.17	0.97 / 1.04	0.18	0.12	0.10	0.78 / 0.90	0.72	
CHLORINE RESIDUAL	1.0	1.5	1.1	1.4	1.5	1.0	0.9	1.3	
TURBIDITY AM / PM	3.1 / 3.7	0.9	0.4 / 1.7	0.4	0.3	0.4	0.2 / 0.2	0.6	
TOTAL PHOSPHATE		3.45			0.92				
ORTHO PHOSPHATE		1.38			0.13				
META PHOSPHATE		2.07			0.79				
STABILITY	+0.6	-0.9	+0.2	-0.8	+0.1	0.0	+0.5	0.0	

REMARKS

CLW

0000004196

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: Lachapelle, Th Barber

DATE OF ANALYSIS: 24 July 84

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

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	8.3	7.4	8.4	8.2	8.7	8.1
PENOLTHALEIN ALKALINITY	6	0	0	0	2	0	4	10
METHYL ORANGE ALKALINITY	54	112	66	150	112	168	66	116
CARBONATES AS $CaCO_3$	12	0	0	0	4	0	8	20
BICARBONATES AS $CaCO_3$	42	112	66	150	138	168	58	156
CHLORIDES AS Cl	14	48	14	26	26	44	20	180
HARDNESS AS $CaCO_3$	56	154	78	46	46	52	60	56
IRON AS Fe	<0.04	1.10	<0.04	0.08	0.05	<0.04	0.05	0.04
FLUORIDE A.M. / P.M.	1.17 / 1.14	0.19	1.24 / 1.07	0.19	0.14	0.11	0.81 / 0.82	.16
CHLORINE RESIDUAL	1.1	1.3	1.0	1.2	1.5	1.0	0.9	1.2
TURBIDITY A.M. / P.M.	0.6 / 0.6	1.1	0.60 / 1.0	0.30	0.20	0.40	0.20 / 0.30	0.60
TOTAL PHOSPHATE		1.17			1.21			
ORTHO PHOSPHATE		0.88			0.25			
META PHOSPHATE		0.29			0.96			
STABILITY	+0.6	−0.3	+0.1	−0.6	+0.1	−0.1	+0.5	+0.2

REMARKS

CLW

0000004197

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 [illegible]

DATE OF ANALYSIS 7/31/84

CLW

0000004198

BACTERIOLOGICAL ANALYSIS OF WATER
MCBCL 11330/4 (REV. 7-83)

DATE COLLECTED 7/3/84

REPORTABLE POINTS FOR SDWA

WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME	WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME
RR - 3	1	ϕ	0.7	0955	MCAS - 3502	24	ϕ	0.2	0900
RR - 15	2		0.4	0950	MCAS - 2002	25		0.6	0910
RR - 14	3		0.8	1000	MCAS - 4157	26		0.4	0850
	4				MCAS - 1298	27		0.8	0935
A-1	5		0.7	0930		28			
BB - 7	6		0.6	0840	NRMC - FOOD SERVICE	29		0.8	1301
BB - 49	7		0.7	0915	PP - 2615	30		0.6	1332
BB - 15	8		0.6	0830	PP - 2609	31		0.5	1252
	9				BM - 5400	32		0.5	1313
BA - 103	10		1.2	1050	BM - 855	33		0.5	1324
BA - 101	11		1.2	1100	LCH - 4022	34		0.4	1333
	12				LCH - 4000	35		0.5	1341
TT - 38	13		1.0	0830		36			
TT - 43	14		0.9	0900	H - 1	37		0.5	1214
TT - 915	15		0.8	0915	H - 16	38		0.5	1220
	16				FC - 303	39		0.8	1143
CK - 1202	17		0.3	1000	FC - 420	40		0.7	1136
M - 139	18		1.1	1048	FC - NEW "E" CLUB	41		0.7	1130
M - 424	19		1.1	1115	HP - 236	42		0.5	1206
	20				HP - 540	43	↓	0.5	1058
CG - 1	21	↓	0.4	0840	HP - 1300	44		0.4	1034
TC - 830	22		1.0	0830	HP - 425	45	ϕ	0.8	1046
TC - 650	23	ϕ	0.8	0820		46			

LABORATORY DATA	
TIME RECEIVED	1110 - 1425
DATE RECEIVED	7/3/84
ACCEPTED BY	BURNS
DATE ANALYZED	7/3/84
ANALYSIS STARTED	1215
ANALYSIS FINISHED	1500
INCUBATOR TEMP	35.2
PROCESSED BY	BURNS

CUSTODY DATA

DATE

TIME

SIGNATURE

DATE

TIME

SIGNATURE

COPY TO:

☒ UTIL DIR

☐ WATER TREATMENT

☐ PMU ☐ MCAS PMO

☐ NREAD ☐ FILE

☐ _____

REMARKS 23

SIGNATURE H. O. Burns 4

BACTERIOLOGICAL ANALYSIS OF WATER
MCBCL 11330/4 (REV. 7-83)

CLW

DATE COLLECTED 10 Jul 84

REPORTABLE POINTS FOR SDWA 0000004199

WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME
RR - 3	1	∅	1.0	1000
RR - 15	2		0.9	1010
RR - 72	3		0.8	1020
	4			
A-1	5	∅	1.2	0945
BB - 7	6		1.2	0845
BB - 49	7		1.0	0855
BB - 9	8		1.0	0910
	9			
BA - 103	10	∅	1.2	1120
BA - 144	11		1.2	1130
	12			
TT - 38	13	∅	1.0	0900
TT - 43	14		1.0	0915
TT - 1295	15		0.9	1015
	16			
CK - 1519	17	∅	0.3	1045
M - 139	18		1.2	1130
M - 128	19		1.3	1145
	20			
CG - 1	21	∅	0.2	0941
TC - 830	22		1.2	0930
TC - 501	23		0.6	0920

WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME
MCAS - 3502	24	∅	0.2	1015
MCAS - 2002	25	∅	0.6	1002
MCAS - 1266	26	12	0.9	1104
MCAS - 205	27	∅	1.2	1120
	28			
NRMC - Food Service	29	* ∅	0.6	1045
PP - 2615	30		0.5	1030
PP - 2600	31		0.6	1035
BM - 5400	32		0.6	1050
BM - 1954	33		0.5	1055
LCH - 4022	34		0.5	1125
LCH - 4014	35		0.4	1135
	36			
H - 1 Ward 12A	37	* 1	0.6	1105
H - 18	38	∅	0.5	1110
FC - 303	39		1.0	0920
FC - 420	40		1.0	0925
FC - 540	41		0.9	0930
HP - 236	42		0.8	1005
HP - 540	43		0.8	0910
HP - 1300	44		0.3	0900
HP - 20	45		0.8	1000
	46			

LABORATORY DATA

TIME RECEIVED
DATE RECEIVED 7/10/84
ACCEPTED BY
DATE ANALYZED 7/10/84
ANALYSIS STARTED
ANALYSIS FINISHED
INCUBATOR TEMP 35.0° C
PROCESSED BY Huneycutt

CUSTODY DATA

DATE
TIME
SIGNATURE
DATE
TIME
SIGNATURE

COPY TO:

☒ UTIL DIR
☐ WATER TREATMENT
☐ PMU ☐ MCAS PMO
☐ NREAD ☐ FILE
☐ _____

REMARKS
* #29 had 16 non-coliform, #37 had 3 non-coliform.
# 29 and # 37 were resampled on 7/11/84 and 7/12/84.

SIGNATURE
Glenn Huneycutt 7/13/84

BACTERIOLOGICAL ANALYSIS OF WATER — NON-REPORTABLE

WATER SAMPLES	MARKED	COLIFORM COUNT M-ENDO MEDIUM	RESIDUAL CHLORINE	pH	TIME
BB-97		Ø	0.6		0915
FC-19		*	0.0		0945
SH-8			0.4		0940
TI Pool			0.7	7.4	0930
M.P. POOL			1.0	7.2	1115
#2 POOL			1.0	7.4	1045
#5 POOL			1.0	7.4	0910
P. P. POOL			0.2	7.9	1030
P. P. BABY POOL			0.2	8.0	1030
MCAS E-POOL			0.0	7.5	0837
MCAS O-POOL			0.5	7.3	0907
MCAS BABY POOL		No Water			
Bld 1300 TCE		Ø			0905

REMARKS
* FC-19 had 128 non-coliform colonies

CLW

0000004200

MCBCL 11330/4 (A)

QUALITY CONTROL LABORATORY REPORT

MISCELLANEOUS BACTERIOLOGICAL ANALYSIS OF WATER

MCBCL 11330/8 (REV. 4/78)

WATER TYPE	SAMPLE COLLECTED BY	DATE COLLECTED
Potable (Resample)	Water Plant Personnel	11 JUL 84

LOCATION	MARKED	COLIFORM	
		TOTAL	FECAL
Bld. H-1 Ward 12A	1430 0.4 Cl2	Ø	
Bld. A5 1266	1430 1.2 Cl2	Ø	

REMARKS

CLW

0000004201

SIGNATURE James B. Hennessy

DATE 12 July 84

COPY TO

- ☐ NREAD
- ☒ UTILITIES DIRECTOR
- ☐ WATER TREATMENT PLANT (GENERAL FOREMAN)
- ☐ BASE PREVENTIVE MEDICINE
- ☐ MCAS PREVENTIVE MEDICINE
- ☐ _____

QUALITY CONTROL LABORATORY REPORT

MISCELLANEOUS BACTERIOLOGICAL ANALYSIS OF WATER

MCBCL 11330/8 (REV. 4/78)

WATER TYPE	SAMPLE COLLECTED BY	DATE COLLECTED
Potable (Resample)	Water Plant Personnel	12 Jul 84

LOCATION	MARKED	COLIFORM	
		TOTAL	FECAL
Bld H-1 Ward 12A	1145 0.6 C/2	Ø	
Bld AS 1266	1253 1.2 C/2	Ø	

REMARKS

CLW

0000004202

SIGNATURE Darren Sweezett

DATE 13 Jul 84

COPY TO

- ☐ UNREAD
- ☒ UTILITIES DIRECTOR
- ☐ WATER TREATMENT PLANT (GENERAL FOREMAN)
- ☐ BASE PREVENTIVE MEDICINE
- ☐ MCAS PREVENTIVE MEDICINE
- ☐ _____

BACTERIOLOGICAL ANALYSIS OF WATER
MCBCL 11330/4 (REV. 7-83)

DATE COLLECTED 17 Jul 84

REPORTABLE POINTS FOR SDWA

WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME
RR - 3	1	⌀	0.7	0900
RR - 15	2	|	0.6	0910
RR - 10	3	|	0.4	0935
	4			
A-1	5	⌀	0.6	0950
BB - 7	6	|	1.0	1050
BB - 49	7	|	0.6	1040
BB - Fire Sta.	8	—	0.8	1100
	9			
BA - 103	10	⌀	0.9	1005
BA - 113	11	|	0.8	1015
	12			
TT - 38	13	⌀	1.0	0910
TT - 43	14	|	0.8	0900
TT - 2085	15	|	0.8	0945
	16			
CK - 1109	17	Water Secured		
M - 139	18	⌀	1.0	1030
M - 130	19	|	1.2	1031
	20			
CG - 1	21	⌀	0.5	0845
TC - 830	22	|	0.6	0900
TC - 1045	23	|	0.7	0905

WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME
MCAS - 3502	24	⌀	0.5	1000
MCAS - 2002	25	|	0.6	1015
MCAS - 2071	26	|	0.6	1030
MCAS - 2057	27	|	0.6	1120
	28			
NRMC - Food Service	29	⌀	0.8	1040
PP - 2615	30	|	0.6	1025
PP - 2600	31	|	0.5	1030
BM - 5400	32	|	0.6	1050
BM - 1985	33	|	0.6	1100
LCH - 4022	34	|	0.6	1115
LCH - 4014	35	—	0.5	1120
	36			
H - Ward 128	37	⌀	0.5	1010
H - 18	38	|	0.4	1015
FC - 303	39	|	0.9	0905
FC - 420	40	|	1.0	0915
FC - 540	41	|	1.0	0920
HP - 236	42	|	0.6	0955
HP - 540	43	|	0.7	0855
HP - 1300	44	|	0.2	0845
HP - 15	45	—	1.0	0945
	46			

LABORATORY DATA

TIME RECEIVED
DATE RECEIVED 17 Jul 84
ACCEPTED BY
DATE ANALYZED 17 Jul 84
ANALYSIS STARTED
ANALYSIS FINISHED
INCUBATOR TEMP 35.0°C
PROCESSED BY Hunerpath

CUSTODY DATA

DATE
TIME
SIGNATURE
DATE
TIME
SIGNATURE

COPY TO:

☒ UTIL DIR
☐ WATER TREATMENT
☐ PMU ☐ MCAS PMO
☐ NREAD ☐ FILE
☐ _____

REMARKS

CLW

0000004203

SIGNATURE

Lauren Hunerpath 7/18/84

BACTERIOLOGICAL ANALYSIS OF WATER — NON-REPORTABLE

WATER SAMPLES	MARKED	COLIFORM COUNT M-ENDO MEDIUM	RESIDUAL CHLORINE	pH	TIME
BB-97		Ø	1.5		1020
FC-19			0.4		0935
SH-8			0.5		0930
M.P. POOL		Ø	1.0	7.2	1020
#2 POOL			0.4	7.7	0955
#5 POOL			1.0	7.4	0855
P. P. POOL			0.0	8.0	1025
P. P. BABY POOL			0.0	8.0	1025
MCAS E-POOL			0.6	7.2	0950
MCAS O-POOL			0.7	7.6	0930
MCAS BABY POOL			0.7	7.6	0933
Bld. 1300 ICE					0845
TT Pool			0.5	7.3	0930

REMARKS

CLW

0C00004204

MCBCL 11330/4 (A)

CLW

BACTERIOLOGICAL ANALYSIS OF WATER
MCBCL 11330/4 (REV. 7-83)

0000004205

UTILITY DIRECTOR

DATE COLLECTED 7/24/84

REPORTABLE POINTS FOR SDWA

WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME	WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME
RR - 3	1	ϕ	1.0	1005	MCAS - 3502	24	ϕ	0.2	0905
RR - 15	2		0.9	1000	MCAS - 2002	25		0.4	1000
RR - 10	3		1.1	1010	MCAS - 4157	26		0.2	0855
	4				MCAS - 2067	27		0.5	1020
A-1	5		1.2	0830		28			
BB - 7	6		1.3	0810	NRMC - FOOD SERVICE	29		0.7	1240
BB - 49	7		1.2	0820	PP - 2615	30		0.6	1200
BB - 2115	8		1.3	0815	PP - 2611	31		0.5	1212
	9				BM - 5400	32		0.5	1250
BA - 103	10		0.9	1115	BM - 5146	33		0.5	1258
BA - 101	11		0.8	1125	LCH - 4022	34		0.6	1312
	12				LCH - 4000	35		0.5	1330
TT - 38	13		1.1	0930		36			
TT - 43	14	ϕ	1.0	0945	H - 1	37		0.5	1147
TT - 2449	15	4	1.0	0950	H - 16	38		0.5	1141
	16				FC - 303	39		0.7	0942
CK - 1409	17	TNTC	0.9	1030	FC - 420	40		0.8	0948
M - 139	18	ϕ	1.1	1130	FC - 323	41		0.7	1000
M - 231	19		1.2	1145	HP - 236	42		0.5	1139
	20				HP - 540	43		0.5	1123
CG - 1	21		0.2	0845	HP - 1300	44		0.4	0924
TC - 830	22		1.0	0835	HP - 1502	45	ϕ	0.5	0936
TC - 650	23	ϕ	0.8	0825		46			

LABORATORY DATA

TIME RECEIVED 1310 – 1357
DATE RECEIVED 7/24/84
ACCEPTED BY BURNS
DATE ANALYZED 7/24/84
ANALYSIS STARTED 1310
ANALYSIS FINISHED 1510
INCUBATOR TEMP 35°
PROCESSED BY BURNS

CUSTODY DATA

DATE
TIME
SIGNATURE
DATE
TIME
SIGNATURE

COPY TO:

- ☐ UTIL DIR
- ☐ WATER TREATMENT
- ☐ PMU ☐ MCAS PMO
- ☐ NREAD ☐ FILE
- ☐ _____

REMARKS

7/25/84 RESAMPLE TT 2449 + CK 1409 = ϕ
7/26/84 RESAMPLE TT 2449 + CK 1409 = ϕ

SIGNATURE H.J. Burns

7/25/84

BACTERIOLOGICAL ANALYSIS OF WATER — NON-REPORTABLE

WATER SAMPLES	MARKED	COLIFORM COUNT M-ENDO MEDIUM	RESIDUAL CHLORINE	pH	TIME
BB-97		ϕ	0.7		0845
FC-19			0.7		1112
SH-8			1.0		1100
T.T. POOL			0.7	7.2	0930
M.P. POOL			1.0	7.4	1118
#2 POOL			0.7	7.4	1130
#5 POOL			1.0	7.2	1119
P. P. POOL			0.6	7.1	1215
P. P. BABY POOL			0.6	7.1	1220
MCAS E-POOL			0.8	7.4	0940
MCAS O-POOL			0.8	7.6	0950
MCAS BABY POOL			0.5	7.6	0950
BLDG 1350 ICE SAMPLE		ϕ			0930

REMARKS

MCAS "O" POOL > NUMEROUS

MCAS BABY POOL NON-COLIFORM

BACTERIA NOTED

CLW

MCBCL 11330/4 (A)

0000004206

QUALITY CONTROL LABORATORY REPORT

MISCELLANEOUS BACTERIOLOGICAL ANALYSIS OF WATER

MCBCL 11330/6 (REV. 4/78)

WATER TYPE	SAMPLE COLLECTED BY	DATE COLLECTED
Potable	Water Plant Personnel	7/25/84

LOCATION	MARKED	COLIFORM	
		TOTAL	FECAL
TT 2449 / Cl2 1.0 mg/L Time 1000		Ø	
CK1409 / Cl2 0.9 mg/L Time 1045		Ø	

REMARKS

CLW

0000004207

SIGNATURE Lineycutt

DATE 7/26/84

COPY TO

- ~~UNREAD~~
- ☐ UTILITIES DIRECTOR
- ☑ WATER TREATMENT PLANT (GENERAL FOREMAN)
- ☑ ~~BASE~~ PREVENTIVE MEDICINE
- ☐ MCAS PREVENTIVE MEDICINE
- ☑ File

QUALITY CONTROL LABORATORY REPORT
MISCELLANEOUS BACTERIOLOGICAL ANALYSIS OF WATER

MCBCL 11330/8 (REV. 4/78)

WATER TYPE	SAMPLE COLLECTED BY	DATE COLLECTED
POTABLE	WATER PLANT PERSONNEL	7/26/84

LOCATION	MARKED	COLIFORM	
		TOTAL	FECAL
TI-2449		ϕ	
CK-1409		ϕ	

REMARKS
RESAMPLE OF POTABLE WATER OF 7/24/84

CLW
0000004208

SIGNATURE Elizabeth A. Bailey DATE 7/27/84

COPY TO

- ☐ NREAD
- ☒ UTILITIES DIRECTOR
- ☒ WATER TREATMENT PLANT (GENERAL FOREMAN)
- ☒ BASE PREVENTIVE MEDICINE
- ☐ MCAS PREVENTIVE MEDICINE
- ☐ FILE

BACTERIOLOGICAL ANALYSIS OF WATER
MCBCL 11330/4 (REV. 7-83)

CLW
0000004209

DATE COLLECTED 31 Jul 84

REPORTABLE POINTS FOR SDWA

WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME
RR - 3	1	Ø	1.0	0935
RR - 15	2		1.0	0930
RR - 6	3		1.0	0940
	4			
A-1	5	Ø	1.2	0912
BB - 7	6		1.4	0840
BB - 49	7		1.4	0900
BB - 45	8		1.4	0830
	9			
BA - 103	10	Ø	1.2	1040
BA - 101	11		1.2	1045
	12			
TT - 38	13	Ø	1.0	0945
TT - 43	14		1.0	0930
TT - 2465	15		0.9	1000
	16			
CK - 1200	17	Ø	0.3	1030
M - 139	18		1.2	1115
M - 131	19		1.1	1130
	20			
CG - 1	21	Ø	0.3	0830
TC - 830	22		0.8	0900
TC - 501	23		1.0	0845

WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME
MCAS - 3502	24	Ø	0.2	0945
MCAS - 2002	25		0.5	1000
MCAS - 1307	26		0.9	1056
MCAS - AS 205	27		0.6	1040
	28			
NRMC - Food Service	29	Ø	0.8	1050
PP - 2615	30		0.8	1045
PP - 2600	31		0.6	1040
BM - 5400	32		0.4	1100
BM - 1985	33		0.4	1110
LCH - 4022	34		0.6	1120
LCH - 1619	35		0.4	1130
	36			
H - Ward 12B	37	Ø	0.5	1030
H - 18	38		0.4	1025
FC - 303	39		0.8	0925
FC - 420	40		0.9	0930
FC - 540	41		1.0	0935
HP - 236	42		0.8	0915
HP - 540	43		0.8	1015
HP - 1300	44		0.5	0900
HP - 15	45		0.8	1005
	46			

LABORATORY DATA

TIME RECEIVED
DATE RECEIVED 31 Jul 84
ACCEPTED BY
DATE ANALYZED 31 Jul 84
ANALYSIS STARTED
ANALYSIS FINISHED
INCUBATOR TEMP 35.0°C
PROCESSED BY Honeycutt

CUSTODY DATA

DATE
TIME
SIGNATURE
DATE
TIME
SIGNATURE

COPY TO:
☒ UTIL DIR
☐ WATER TREATMENT
☐ PMU ☐ MCAS PMO
☐ NREAD ☐ FILE
☐ _____

REMARKS
* #24, 25, 26, 27 had numerous non-coliform colonies.

SIGNATURE
Theresa Honeycutt 8/1/84

BACTERIOLOGICAL ANALYSIS OF WATER — NON-REPORTABLE

WATER SAMPLES	MARKED	COLIFORM COUNT M-ENDO MEDIUM	RESIDUAL CHLORINE	pH	TIME
BB-97		Ø	0.6		0850
FC-19			1.0		0955
SH-8			0.4		0945
TT Pool			1.3	7.2	1015
M.P. POOL			1.4	7.8	1130
#2 POOL			1.0	7.4	0915
#5 POOL			1.0	7.6	1015
P. P. POOL			0.4	7.6	1045
P. P. BABY POOL			0.4	7.6	1045
MCAS E-POOL			0.7	7.3	0910
MCAS O-POOL		—	0.4	7.3	0930
MCAS BABY POOL		No Water			
Bkl. 1300 (ICE)		Ø			0900

REMARKS
BB-97 had numerous non-coliform colonies.

MCBCL 11330/4 (1)

CLW

0 00004210