

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	190	80	164	152	150	48	180	
CHLORIDES AS Cl	10	50	10	20	20	26	10	134	
HARDNESS AS CaCO ₃	66	90	100	66	50	42	60	60	
IRON AS Fe	0.04	0.71	0.04	0.10	0.05	0.05	0.04	0.19	
FLUORIDE	AM	0.90	0.94	0.94	0.12	0.10	0.86	0.89	
	PM	0.97	0.18	1.16	0.19	0.12	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	0.8	0.4	0.5	0.3	1.7	
	PM	0.7	1.3	1.1	0.5	0.4	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

Luchessa

DATE OF ANALYSIS
 5 June 1984

EX-100

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

41. *Hemelka*
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	+ 0.02	

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. Barber

J. Hengault

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 Cl	10	42	16	22	20	28	14	126	
HARDNESS AS CaCO ₃	62	64	74	54	50	48	72	78	
IRON AS Fe	0.104	0.155	0.104	0.110	0.104	0.104	0.104	0.105	
FLUORIDE	AM PM 0.115 0.114	0.116	0.92 0.189	0.115	0.110	0.109	0.12 0.118	0.118 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 0.15	0.3	0.12	0.3	0.3 0.12	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

Ch Barbera

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 Cl	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
 Th. Barber

DATE OF ANALYSIS
 26 JUNE 84

BACTERIOLOGICAL ANALYSIS OF WATER

MCBCL 11330/4 (REV. 7-83)

Utility Director

DATE COLLECTED

6/26/84

REPORTABLE POINTS FOR SDWA

WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME	WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME	LABORATORY DATA
RR - 3	1				MCAS - 3502	24	0	0.6	1050	TIME RECEIVED 1220 - 1325
RR - 15	2				MCAS - 2002	25		0.5	1030	DATE RECEIVED 6/26/84
RR -	3				MCAS - 4157	26	0	0.6	0845	ACCEPTED BY Burns + 1312
	4				MCAS - M.O.Q	27	NOT REPORTED	0.6	0915	DATE ANALYZED 6/26/84
A-1	5					28				ANALYSIS STARTED 1330
BB - 7	6	NOT REPORTED	NOT REPORTED		NRMC FOOD SERVICE	29	0	1.0	1050	ANALYSIS FINISHED 1500
BB - 49	7				PP - 2615	30		0.7	1030	INCUBATOR TEMP 35.4
BB -	8				PP - 2600	31		0.7	1040	PROCESSED BY Burns
	9				BM - 5400	32		1.0	1100	
BA - 103	10				BM - 1954	33		0.8	1105	CUSTODY DATA
BA -	11				LCH - 4022	34		0.6	1120	DATE
	12				LCH - 4014	35		0.5	1130	TIME
TT - 38	13	0	1.0	0915		36				SIGNATURE
TT - 43	14		1.0	1000	H - 1 WARD 12-A	37		0.8	1015	DATE
TT - 2465	15		0.9	0955	H - 18	38		0.6	1020	TIME
	16				FC - 303	39		0.9	0925	SIGNATURE
CK - 1509	17		0.5	1100	FC - 420	40		1.0	0930	
M - 139	18		0.7	1030	FC - 540	41		1.0	0940	COPY TO:
M - 136	19		1.0	1045	HP - 236	42		0.7	1000	<input type="checkbox"/> UTIL DIR
	20				HP - 540	43		0.8	0915	<input type="checkbox"/> WATER TREATMENT
OLD TRAILER CG - 1 PARK	21		0.5	1130	HP - 1300	44	✓	0.8	0900	<input type="checkbox"/> PMU <input type="checkbox"/> MCAS PMO
TC - 830	22	✓	0.6	1120	HP - 15	45	0	0.9	1220	<input type="checkbox"/> NREAD <input type="checkbox"/> FILE
TC - 715	23	0	0.6	1110		46				<input type="checkbox"/>

REMARKS

CLW

SIGNATURE

0000004186

16 J. 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	WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME	LABORATORY DATA
RR - 3	1	∅	0.6	0900	MCAS - 3502	24	∅	0.4	1135	TIME RECEIVED
RR - 15	2	I	0.6	0910	MCAS - 2002	25	I	0.5	0940	DATE RECEIVED 6-5-84
RR - 6	3	I	0.8	0920	MCAS - 4157	26	I	0.6	1100	ACCEPTED BY
	4				MCAS - 2060	27	I	0.7	0815	DATE ANALYZED 6-5-84
A-1	5	∅	0.6	0935		28				ANALYSIS STARTED
BB - 7	6	I	0.8	1055	NRMC - FOOD SERVICE	29	∅	0.8	1150	ANALYSIS FINISHED
BB - 49	7	I	0.8	1040	PP - 2615	30	∅	0.8	1135	INCUBATOR TEMP 55.2°C
BB - 38	8	I	0.5	1100	PP - 2600	31	∅	0.7	1140	PROCESSED BY BARBEE
	9				BM - 5400	32	∅	0.7	1240	
BA - 103	10	∅	0.5	1010	BM - 1985	33	∅	0.6	1250	CUSTODY DATA
BA - 105	11	I	0.4	1020	LCH - 4022	34	∅	0.6	1220	DATE
	12				LCH - 4002	35	∅	0.5	1230	TIME
TT - 38	13	∅	1.2	0909		36				SIGNATURE
TT - 43	14	I	1.2	0938	H - 1 12A WARD	37	∅	0.8	1100	DATE
TT - 60	15	I	0.7	0922	H - 16	38	∅	0.7	1055	TIME
	16				FC - 303	39	∅	0.8	0900	SIGNATURE
CK - 1500	17	∅	0.8	1000	FC - 420	40	I	0.7	0910	
M - 139	18	I	0.5	1020	FC - 540	41	I	0.8	0920	COPY TO:
M - 19	19	I	1.0	1042	HP - 236	42	I	0.7	0850	<input checked="" type="checkbox"/> UTIL DIR
	20				HP - 540	43	I	0.7	0840	<input type="checkbox"/> WATER TREATMENT
CG - 1	21	∅	0.3	1145	HP - 1300	44	I	0.4	0825	<input type="checkbox"/> PMU <input type="checkbox"/> MCAS PMO
TC - 830	22	I	1.0	1000	HP - 20	45	I	0.8	1045	<input type="checkbox"/> NREAD <input type="checkbox"/> FILE
TO - 815	23	I	0.6	1020						<input type="checkbox"/>

CLW

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		0950
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

000004188

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	LABORATORY DATA
RR - 3	1	0	0.9	1000	MCAS - 3502	24	0	0.3	0855	TIME RECEIVED 1220-1330
RR - 15	2		0.8	1015	MCAS - 2002	25		0.4	0910	DATE RECEIVED 6-12-84
RR - 72	3		0.7	1020	MCAS 4157	26		0.4	0845	ACCEPTED BY L & H
	4				MCAS 2116	27		0.7	0920	DATE ANALYZED 6-12-84
A-1	5		0.9	0930		28				ANALYSIS STARTED 1250-1345
BB - 7	6		1.0	0910	NRMC - Food Service	29		0.7	1049	ANALYSIS FINISHED 1312-1430
BB - 49	7		1.0	0920	PP - 2615	30		0.5	1106	INCUBATOR TEMP 35.2° C
BB - 177	8		1.0	0850	PP - 2611	31		0.5	1100	PROCESSED BY L
	9				BM - 5400	32		0.5	1130	
BA - 103	10		1.2	1030	BM - 825	33		0.6	1137	CUSTODY DATA
BA 144	11		1.0	1040	LCH - 4022	34		0.5	1033	DATE
	12				LCH - 4000	35		0.5	1040	TIME
TT - 38	13		1.0	0930		36				SIGNATURE
TT - 43	14		0.9	094 5	H - 1	37		0.5	1150	DATE
TT 205	15		1.0	1000	H - 16	38		0.5	1200	TIME
	16				FC - 303	39		0.7	0950	SIGNATURE
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	COPY TO:
M - 19	19		1.3	1115	HP - 236	42		0.5	1212	<input checked="" type="checkbox"/> UTIL DIR
	20				HP - 540	43		0.5	1240	<input type="checkbox"/> WATER TREATMENT
CG - 1	21		0.5	0830	HP - 1300	44		0.4	0906	<input type="checkbox"/> PMU <input type="checkbox"/> MCAS PMO
TC - 830	22		0.8	0815	HP - 1203	45	0	0.5	0918	<input type="checkbox"/> NREAD <input type="checkbox"/> FILE
TC 650	23	0	1.0	0820						<input type="checkbox"/> _____

REMARKS

Non-coliform found in sample 24 & 27

0000004189

SIGNATURE

Robert G. Luchezelle

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 11358/4 (A)

000 4 190

REPORTABLE POINTS FOR SDWA

WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME	WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME	LABORATORY DATA
RR - 3	1	ϕ	1.1	1010	MCAS - 3502	24	ϕ	0.3	1000	TIME RECEIVED 1140-1340
RR - 15	2	ϕ	1.1	1005	MCAS - 2002	25	ϕ	0.5	1018	DATE RECEIVED 6-19-84
RR - 13	3	ϕ	1.1	1016	MCAS - 4157	26	ϕ	0.5	0945	ACCEPTED BY 13URNS
	4	ϕ			MCAS - E-1154	27	ϕ	0.6	1054	DATE ANALYZED 6-19-84
A-1	5	ϕ	0.8	0832		28	ϕ			ANALYSIS STARTED 1150
BB - 7	6	ϕ	0.9	0830	NRMC - FOOD SERVICE	29	ϕ	0.7	1115	ANALYSIS FINISHED 1340
BB - 49	7	ϕ	1.0	0835	PP - 2615	30	ϕ	0.7	1055	INCUBATOR TEMP 34.7
BB - 9	8	ϕ	1.0	0840	PP - 2600	31	ϕ	0.6	1045	PROCESSED BY 13URNS
	9	ϕ			BM - 5400	32	ϕ	0.6	1130	
BA - 103	10	ϕ	0.9	0930	BM - 1985	33	ϕ	0.6	1125	CUSTODY DATA
BA - 102	11	ϕ	0.9	0936	LCH - 4022	34	ϕ	0.6	1150	DATE
	12	ϕ			LCH - 4014	35	ϕ	0.5	1140	TIME
TT - 38	13	ϕ	1.0	0850		36	ϕ			SIGNATURE
TT - 43	14	ϕ	0.9	0920	H - 1 WARD 12-A	37	ϕ	0.7	1030	DATE
TT - 3360	15	ϕ	0.9	0945	H - 18	38	ϕ	0.6	1020	TIME
	16	ϕ			FC - 303	39	ϕ	0.7	0930	SIGNATURE
CK - 1604	17	ϕ	0.3	1215	FC - 420	40	ϕ	0.8	0925	
M - 139	18	ϕ	1.2	1100	FC - 540	41	ϕ	0.7	0930	COPY TO:
M - 231	19	ϕ	1.1	1145	HP - 238	42	ϕ	0.7	1010	<input checked="" type="checkbox"/> UTIL DIR
	20	ϕ			HP - 540	43	ϕ	0.8	0910	<input type="checkbox"/> WATER TREATMENT
CG - 1	21	ϕ	0.3	0933	HP - 1300	44	ϕ	0.2	0900	<input type="checkbox"/> PMU <input type="checkbox"/> MCAS PMO
TC - 830	22	✓	1.5	0916	HP - 15	45	ϕ	0.8	1000	<input type="checkbox"/> NREAD <input type="checkbox"/> FILE
TC - 701	23	ϕ	0.6	0907		46	ϕ			<input type="checkbox"/> _____

REMARKS

#26 MCAS 4157 = TNTC NEN-COLIFORM 0000004191

CLW

SIGNATURE

16 J. Burns

BACTERIOLOGICAL ANALYSIS OF WATER

NON-REPORTABLE

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

REMARKS
 MCAS - O - POOL > NUMEROUS
 MCAS - BABY POOL NON-COLIFORMY

CLW

MCBCL 11388/4 (A)

000 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	+0.07 CLW	0	+0.28	+0.10	

REMARKS

0000004193

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

The Barbours

LACHAPELLE

(76B)

DATE OF ANALYSIS

3 JULY 84

CHEMICAL ANALYSIS — WATER TREATMENT PLANTS

MCBCL 11330/3 (REV. 3-82)

UTIK.
D. R. McC...
7/10/84

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	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

16 J Burns

DATE OF ANALYSIS

7/10/84

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

0712 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 Cl	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

0000004195

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 & Borbee

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 Cl	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 1.00 PM 1.06	0.17	0.97 1.04	0.18	0.12	0.10	0.78 0.10	0.72
CHLORINE RESIDUAL	1.0	1.5	1.1	1.4	1.5	1.0	0.9	1.3
TURBIDITY	AM 3.1 PM 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

L. Chapelle

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	8.7
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	20.04	1.10	20.04	0.08	0.05	20.04	0.05	0.04
FLUORIDE	A.H. / 1.11 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.H. / 1.11 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

B. Jones + B. ...

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	LABORATORY DATA
RR - 3	1	∅	0.7	0955	MCAS - 3502	24	∅	0.2	0900	TIME RECEIVED 1110-1425
RR - 15	2	∅	0.4	0950	MCAS - 2002	25	∅	0.6	0910	DATE RECEIVED 7/3/84
RR - 14	3	∅	0.8	1000	MCAS - 4157	26	∅	0.4	0850	ACCEPTED BY BURNS
	4				MCAS - 1298	27		0.8	0935	DATE ANALYZED 7/3/84
A-1	5		0.7	0930		28				ANALYSIS STARTED 1215
BB - 7	6		0.6	0840	NRMC - FOOD SERVICE	29		0.8	1301	ANALYSIS FINISHED 1500
BB - 49	7		0.7	0915	PP - 2615	30		0.6	1332	INCUBATOR TEMP 36.2
BB - 15	8		0.6	0830	PP - 2609	31		0.5	1252	PROCESSED BY BURNS
	9				BM - 5400	32		0.5	1313	
BA - 103	10		1.2	1050	BM - 855	33		0.5	1324	CUSTODY DATA
BA - 101	11		1.2	1100	LCH - 4022	34		0.4	1333	DATE
	12				LCH - 4000	35		0.5	1341	TIME
TT - 38	13		1.0	0830		36				SIGNATURE
TT - 43	14		0.9	0900	H - 1	37		0.5	1214	DATE
TT - 915	15		0.8	0915	H - 16	38		0.5	1220	TIME
	16				FC - 303	39		0.8	1143	SIGNATURE
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	COPY TO
M - 424	19		1.1	1115	HP - 236	42		0.5	1206	<input checked="" type="checkbox"/> UTIL DIR
	20				HP - 540	43	∇	0.5	1058	<input type="checkbox"/> WATER TREATMENT
CG - 1	21	∇	0.4	0840	HP - 1300	44		0.4	1034	<input type="checkbox"/> PMU <input type="checkbox"/> MCAS PMO
TC - 830	22	∇	1.0	0830	HP - 425	45	∅	0.8	1046	<input type="checkbox"/> NREAD <input type="checkbox"/> FILE
TC - 650	23	∅	0.8	0820		46				<input type="checkbox"/>

REMARKS 23

SIGNATURE

H. O. BURNS 4

REPORTABLE POINTS FOR SDWA

0000004199

WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME	WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME	LABORATORY DATA
RR - 3	1	0	1.0	1000	MCAS - 3502	24	0	0.2	1015	TIME RECEIVED
RR - 15	2	I	0.9	1010	MCAS - 2002	25	0	0.6	1002	DATE RECEIVED 7/10/84
RR - 72	3	I	0.8	1020	MCAS - 1266	26	12	0.9	1104	ACCEPTED BY
	4				MCAS - 205	27	0	1.2	1120	DATE ANALYZED 7/10/84
A-1	5	0	1.2	0945		28				ANALYSIS STARTED
BB - 7	6	I	1.2	0845	NRMC - Food Service	29	* 0	0.6	1045	ANALYSIS FINISHED
BB - 49	7	I	1.0	0855	PP - 2615	30	I	0.5	1030	INCUBATOR TEMP 35.0°C
BB - 9	8	I	1.0	0910	PP - 2600	31	I	0.6	1035	PROCESSED BY Huneysutt
	9				BM - 5400	32		0.6	1050	
BA - 103	10	0	1.2	1120	BM - 1954	33	I	0.5	1055	CUSTODY DATA
BA - 144	11	I	1.2	1130	LCH - 4022	34	I	0.5	1125	DATE
	12				LCH - 4014	35	I	0.4	1135	TIME
TT - 38	13	0	1.0	0900		36				SIGNATURE
TT - 43	14	I	1.0	0915	H - 1 Ward 12A	37	* 1	0.6	1105	DATE
TT - 1295	15	I	0.9	1015	H - 18	38	0	0.5	1110	TIME
	16				FC - 303	39	I	1.0	0920	SIGNATURE
CK - 1519	17	0	0.3	1045	FC - 420	40	I	1.0	0925	
M - 139	18	I	1.2	1130	FC - 540	41	I	0.9	0930	COPY TO:
M - 128	19	I	1.3	1145	HP - 236	42	I	0.8	1005	<input checked="" type="checkbox"/> UTIL DIR
	20				HP - 540	43	I	0.8	0910	<input type="checkbox"/> WATER TREATMENT
CG - 1	21	0	0.2	0941	HP - 1300	44	I	0.3	0900	<input type="checkbox"/> PMU <input type="checkbox"/> MCAS PMO
TC - 830	22	I	1.2	0930	HP - 20	45	I	0.8	1000	<input type="checkbox"/> NREAD <input type="checkbox"/> FILE
TC - 501	23	I	0.6	0920		46				<input type="checkbox"/>

REMARKS

29 had 16 non-coliforms, # 37 had 3 non-coliforms.
 # 26 and # 37 were resampled on 7/11/84 and 7/12/84.

SIGNATURE

[Signature] 5
 Huneysutt 7/13/84

BACTERIOLOGICAL ANALYSIS OF WATER

NON-REPORTABLE

WATER SAMPLES	MARKED	COLIFORM COUNT M-ENDO MEDIUM	RESIDUAL CHLORINE	pH	TIME
BB-97		∅	0.6		0915
FC-19		*	0.0		0945
SH-8			0.4		0940
TT 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		∅			0900

REMARKS

* FC-19 had 128 non-coliform colonies

CLW

0000004200

MCBCL 11330/4 (A)

REPORTABLE POINTS FOR SDWA

WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME	WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME	LABORATORY DATA
RR - 3	1	∅	0.7	0900	MCAS - 3502	24	∅	0.5	1000	TIME RECEIVED
RR - 15	2	I	0.6	0910	MCAS - 2002	25	I	0.6	1015	DATE RECEIVED 17 JUL 84
RR - 10	3	I	0.4	0935	MCAS - 2071	26	I	0.6	1030	ACCEPTED BY
	4				MCAS - 2057	27	I	0.6	1120	DATE ANALYZED 17 JUL 84
A-1	5	∅	0.6	0950		28				ANALYSIS STARTED
BB - 7	6	I	1.0	1050	NRMC - Food Service	29	∅	0.8	1040	ANALYSIS FINISHED
BB - 49	7	I	0.6	1040	PP - 2615	30	I	0.6	1025	INCUBATOR TEMP 35.0°C
BB - Fire Sta.	8	I	0.8	1100	PP - 2600	31	I	0.5	1030	PROCESSED BY Huneputt
	9				BM - 5400	32		0.6	1050	
BA - 103	10	∅	0.9	1005	BM - 1985	33	I	0.6	1100	CUSTODY DATA
BA - 113	11	I	0.8	1015	LCH - 4022	34	I	0.6	1115	DATE
	12				LCH - 4014	35	I	0.5	1120	TIME
TT - 38	13	∅	1.0	0910		36				SIGNATURE
TT - 43	14	I	0.8	0900	H - Ward 120	37	∅	0.5	1010	DATE
TT - 2085	15	I	0.8	0945	H - 18	38	I	0.4	1015	TIME
	16				FC - 303	39	I	0.9	0905	SIGNATURE
CK - 1109	17	Water Secured			FC - 420	40	I	1.0	0915	
M - 139	18	∅	1.0	1030	FC - 540	41	I	1.0	0920	COPY TO:
M - 130	19	I	1.2	1031	HP - 236	42	I	0.6	0955	<input checked="" type="checkbox"/> UTIL DIR
	20				HP - 540	43	I	0.7	0855	<input type="checkbox"/> WATER TREATMENT
CG - 1	21	∅	0.5	0845	HP - 1300	44	I	0.2	0845	<input type="checkbox"/> PMU <input type="checkbox"/> MCAS PMO
TC - 830	22	I	0.6	0900	HP - 15	45	I	1.0	0945	<input type="checkbox"/> NREAD <input type="checkbox"/> FILE
TC - 1045	23	I	0.7	0905		46				<input type="checkbox"/>

REMARKS

CLW

SIGNATURE

0000004203

[Handwritten Signature]
 18/8/84

BACTERIOLOGICAL ANALYSIS OF WATER

NON-REPORTABLE

WATER SAMPLES	MARKED	COLIFORM COUNT M-ENDO MEDIUM	RESIDUAL CHLORINE	pH	TIME	
BB-97		I	1.5		1020	
FC-19			0.4		0935	
SH-8			0.5		0930	
M.P. POOL		I	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

000004204

MCDCL 11330/4 (A)

REPORTABLE POINTS FOR SDWA

WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME	WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME	LABORATORY DATA
RR - 3	1	0	1.0	1005	MCAS - 3502	24	0	0.2	0905	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: <input type="checkbox"/> UTIL DIR <input type="checkbox"/> WATER TREATMENT <input type="checkbox"/> PMU <input type="checkbox"/> MCAS PMO <input type="checkbox"/> NREAD <input type="checkbox"/> FILE <input type="checkbox"/> _____
RR - 15	2	0	0.9	1000	MCAS - 2002	25	0	0.4	1000	
RR - 10	3	0	1.1	1010	MCAS - 4157	26	0	0.2	0855	
	4	0			MCAS - 2067	27	0	0.5	1020	
A-1	5	0	1.2	0830		28	0			
BB - 7	6	0	1.3	0810	NRMC - FOOD SERVICE	29	0	0.7	1240	
BB - 49	7	0	1.2	0820	PP - 2615	30	0	0.6	1200	
BB - 2115	8	0	1.3	0815	PP - 2611	31	0	0.5	1212	
	9	0			BM - 5400	32	0	0.5	1250	
BA - 103	10	0	0.9	1115	BM - 5146	33	0	0.5	1258	
BA - 101	11	0	0.8	1125	LCH - 4022	34	0	0.6	1312	
	12	0			LCH - 4000	35	0	0.5	1330	
TT - 38	13	0	1.1	0930		36	0			
TT - 43	14	0	1.0	0945	H - 1	37	0	0.5	1147	
TT - 2449	15	4	1.0	0950	H - 16	38	0	0.5	1141	
	16	0			FC - 303	39	0	0.7	0942	
CK - 1409	17	TNTC	0.9	1030	FC - 420	40	0	0.8	0948	
M - 139	18	0	1.1	1130	FC - 323	41	0	0.7	1000	
M - 231	19	0	1.2	1145	HP - 236	42	0	0.5	1139	
	20	0			HP - 540	43	0	0.5	1123	
CG - 1	21	0	0.2	0845	HP - 1300	44	0	0.4	0924	
TC - 830	22	0	1.0	0835	HP - 1502	45	0	0.5	0936	
TC - 050	23	0	0.8	0825		46	0			

REMARKS

7/25/84 RESAMPLE TT 2449 + CK 1409 = 0
 7/26/84 RESAMPLE TT 2449 + CK 1409 = 0

SIGNATURE

16.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		∅	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 13FC ICE SAMPLE		∅			0930

REMARKS

MCAS "O" POOL → NUMEROUS

MCAS BABY POOL NON-COLIFORM

CLW

BACTERIA NOTED

MCBCL 11320/4 (A)

0000004206

REPORTABLE POINTS FOR SDWA

WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME	WATER SAMPLES	MARKED	COLIFORM MF/100 ML	RESIDUAL CHLORINE	TIME	LABORATORY DATA
RR - 3	1	∅	1.0	0935	MCAS - 3502	24	∅	0.2	0945	TIME RECEIVED
RR - 15	2	I	1.0	0930	MCAS - 2002	25	I	0.5	1000	DATE RECEIVED 31 July 84
RR - 6	3	I	1.0	0940	MCAS - 1307	26	I	0.9	1056	ACCEPTED BY
	4				MCAS - AS 205	27	I	0.6	1040	DATE ANALYZED 31 July 84
A-1	5	∅	1.2	0912		28				ANALYSIS STARTED
BB - 7	6	I	1.4	0840	NRMC Food Service	29	∅	0.8	1050	ANALYSIS FINISHED
BB - 49	7	I	1.4	0900	PP - 2615	30	I	0.8	1045	INCUBATOR TEMP 35.0°C
BB - 45	8	I	1.4	0830	PP - 2600	31	I	0.6	1040	PROCESSED BY Honeycutt
	9				BM - 5400	32		0.4	1100	
BA - 103	10	∅	1.2	1040	BM - 1985	33	I	0.4	1110	CUSTODY DATA
BA - 101	11	I	1.2	1045	LCH - 4022	34	I	0.6	1120	DATE
	12				LCH - 1619	35	I	0.4	1130	TIME
TT - 38	13	∅	1.0	0945		36				SIGNATURE
TT - 43	14	I	1.0	0930	H - 14 Ward 12B	37	∅	0.5	1030	DATE
TT - 2465	15	I	0.9	1000	H - 18	38	I	0.4	1025	TIME
	16				FC - 303	39	I	0.8	0925	SIGNATURE
CK - 1200	17	∅	0.3	1030	FC - 420	40	I	0.9	0930	
M - 139	18	I	1.2	1115	FC - 540	41	I	1.0	0935	COPY TO:
M - 131	19	I	1.1	1130	HP - 236	42	I	0.8	0915	<input checked="" type="checkbox"/> UTIL DIR
	20				HP - 540	43	I	0.8	1015	<input type="checkbox"/> WATER TREATMENT
CG - 1	21	∅	0.3	0830	HP - 1300	44	I	0.5	0900	<input type="checkbox"/> PMU <input type="checkbox"/> MCAS PMO
TC - 830	22	I	0.8	0900	HP - 15	45	I	0.8	1005	<input type="checkbox"/> NREAD <input type="checkbox"/> FILE
TC - 501	23	I	1.0	0845		46				<input type="checkbox"/>

REMARKS

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

SIGNATURE

[Signature] 8/1/84

BACTERIOLOGICAL ANALYSIS OF WATER

NON-REPORTABLE

WATER SAMPLES	MARKED	COLIFORM COUNT M-ENDO MEDIUM	RESIDUAL CHLORINE	pH	TIME
BB-97		∅	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			
Bk. 1300 (ICE)		∅			0900

REMARKS

BB-97 had numerous non-
coliform colonies.

MCBCL 11338 CLW

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