

green

11330/1  
NREAD  
5 Mar 1985

**From:** Commanding General, Marine Corps Base, Camp Lejeune  
**To:** Commanding Officer, Naval Hospital, Marine Corps Base,  
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
  - (2) Weekly Bacteriological Analysis of Drinking Water
  - (3) Weekly Naval Hospital Ice Samples Bacteriological  
Analysis
  - (4) Bacteriological Analysis of Midway Park Water Laterals
  - (5) Analysis of Complaints

1. In accordance with the reference, enclosures (1) through (5) are forwarded for information.
2. Questions regarding this matter should be forwarded to Mr. Danny Sharpe, Supervisory Ecologist, extensions 2083 or 5003.

J. I. WOOTEN  
By direction

Blind copy to:  
SupvChemist

CLW  
0000004584

Writer: E. Betz, NREAD 5977  
Typist: J. Cross, 5Mar85

WATER TREATMENT PLANTS

DATE COLLECTED

5 FEB 85

DATE OF ANALYSIS

5 FEB 85

PARAMETER	HAINOT POINT	CAMP JOHNSON	TARAWA TERRACE	ONSLow BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER
PH	8.9	7.7	8.9	7.6	8.4	8.3	8.4	8.6
PHENOLTHALEIN ALKALINITY	6	0	6	0	8	6	6	14
METHYL ORANGE ALKALINITY	64	198	46	168	192	166	98	192
CARBONATES AS CaCO <sub>3</sub>	12	0	12	0	16	12	12	28
BICARBONATES AS CaCO <sub>3</sub>	52	198	34	168	176	154	86	164
CHLORIDES AS Cl	10	38	10	22	20	16	10	162
HARDNESS AS CaCO <sub>3</sub>	62	200	60	56	66	48	90	64
IRON AS Fe	MACHINE DOWN FOR CONSTRUCTION							
FLUORIDE AM/PM	1.15/1.11	0.17	1.02/1.09	0.18	0.11	0.10	0.85/0.82	0.77
CHLORINE RESIDUAL	1.1	1.3	1.0	1.6	1.4	1.0	1.0	1.6
TURBIDITY AM/PM	0.3/0.2	1.0	0.2/0.9	0.3	0.3	0.3	1.1/0.6	0.2
TOTAL PHOSPHATE		1.00			0.92			
ORTHO PHOSPHATE		0.66			0.16			
META PHOSPHATE		0.34			0.76			
STABILITY	+0.6	-0.3	+0.6	-0.6	+0.1	0	+0.2	+0.2

REMARKS

O.B. POND pH = 8.1

CLW

0000004585

COPY TO:

UTIL DIR

WATER TREATMENT

PMU  MCAS PMU

NREAD  FILE

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  
*Barbara L. ...*

2/12/85

2/12/85

PARAMETER	HADNOT POINT	CAMP JOHNSON	TARAWA TERRACE	ONSLow BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER
PH	9.0	7.3	8.8	7.4	8.3	8.3	8.6	8.2
PHENOLTHALEIN ALKALINITY	8	0	4	0	2	2	4	0
METHYL ORANGE ALKALINITY	50	196	52	160	150	150	70	200
CARBONATES AS CaCO <sub>3</sub>	16	0	8	0	4	4	8	0
BICARBONATES AS CaCO <sub>3</sub>	34	196	44	160	146	146	62	200
CHLORIDES AS Cl	10	50	10	20	16	18	14	160
HARDNESS AS CaCO <sub>3</sub>	60	68	82	62	56	56	74	84
IRON AS Fe	<0.04	0.51	0.06	0.20	0.09	0.06	<0.04	0.09
FLUORIDE	<del>0.96</del> 0.93	0.17	<del>0.16</del> 0.83	0.17	0.12	0.09	<del>0.73</del> 0.72	0.70
CHLORINE RESIDUAL	1.2	1.2	1.0	1.2	1.5	1.0	1.0	1.1
TURBIDITY	<del>0.20</del> 0.20	0.50	<del>6.6</del> 0.40	0.30	0.70	0.30	<del>0.40</del> 0.30	0.40
TOTAL PHOSPHATE		1.30			1.26			
ORTHO PHOSPHATE		1.00			0.25			
META PHOSPHATE		0.30			1.01			
STABILITY	+0.4	-0.8	+0.6	-0.9	0.0	+0.1	+0.3	0.0

REMARKS

CLW

0000004586

COPY TO:

UTIL DIR  \_\_\_\_\_

WATER TREATMENT

PMU  MCAS PMU

NREAD  FILE

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. J. Burns

CHEMICAL ANALYSIS WATER TREATMENT PLANTS

DATE SAMPLED  
19 Feb 55

PLANT NO.  
19 Feb 55

PARAMETER	HADNOT POINT	CAMP JOHNSON	TAHAWA TERRACE	ONELOW BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMB BLVD	NEW RIVER
PH	8.7	7.6	8.8	7.6	8.6	8.4	8.9	9.1
PHENOLTHALEIN ALKALINITY	10	0	6	0	10	8	10	26
METHYL ORANGE ALKALINITY	20	190	56	164	172	164	56	170
CARBONATES AS CaCO <sub>3</sub>	20	0	12	0	20	16	20	52
BICARBONATES AS CaCO <sub>3</sub>	0	190	44	164	152	148	36	118
CHLORIDES AS Cl	12	42	12	22	22	22	16	160
HARDNESS AS CaCO <sub>3</sub>	76	86	80	70	70	60	68	60
IRON AS Fe	40.04	0.57	40.04	0.14	0.09	0.07	0.06	40.04
FLUORIDE	AM 0.91 PM 0.88	0.16	1.00 1.04	0.16	0.11	0.09	0.96 0.88	0.70
CHLORINE RESIDUAL	1.1	1.2	1.0	1.3	1.3	1.0	0.9	1.3
TURBIDITY	AM 0.3 PM 0.3	0.4	0.2 0.2	0.3	0.3	0.2	0.3 0.5	2.3
TOTAL PHOSPHATE		2.05			1.68			
ORTHO PHOSPHATE		1.13			0.25			
META PHOSPHATE		0.92			1.43			
STABILITY	+0.2	-0.4	+0.3	-0.6	+0.3	+0.1	+0.3	+0.3

REMARKS

CLW

0000004587

COPY TO:

UTIL DIR

WATER TREATMENT

PMU  MCAS PMU

BREAD  FILE

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

*[Signature]*

26 FEB 85

26 FEB 85

PARAMETER	HADNOT POINT	CAMP JOHNSON	TARAWA TERRACE	ONSLow BEACH	COURTHOUSE BAY	RIFLE RANGE	HOLCOMP BLVD	NEW RIVER
PH	8.8	7.4	8.8	7.5	8.4	8.3	8.8	8.5
PHENOLTHALEIN ALKALINITY	4	0	4	0	6	2	6	4
METHYL ORANGE ALKALINITY	44	190	54	160	148	158	60	180
CARBONATES AS CaCO <sub>3</sub>	8	0	8	0	12	4	12	8
BICARBONATES AS CaCO <sub>3</sub>	36	190	46	160	136	154	48	172
CHLORIDES AS Cl	10	36	8	14	18	12	16	186
HARDNESS AS CaCO <sub>3</sub>	56	80	74	60	60	60	60	64
IRON AS Fe	<0.04	<0.04	0.74	0.10	<0.04	<0.04	<0.04	<0.04
FLUORIDE AM/PM	1.07/1.01	0.17	1.10/1.08	0.117	0.112	0.110	1.11/1.02	0.82
CHLORINE RESIDUAL	1.0	1.3	1.0	1.5	1.4	1.0	1.0	1.3
TURBIDITY AM/PM	0.4/0.5	1.2	0.2/0.3	0.2	0.2	0.2	0.3/0.4	0.4
TOTAL PHOSPHATE		1.54			1.84			
ORTHO PHOSPHATE		0.90			0.19			
META PHOSPHATE		0.64			1.65			
STABILITY	+0.2	-0.8	+0.2	-0.8	0	-0.2	+0.1	-0.1

REMARKS

OB POND PH = 8.2

CLW

0000004588

COPY TO:

- UTIL DIR
- WATER TREATMENT
- PMU  MCAS PMU
- NREAD  FILE

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

Barbee

DATE COLLECTED  
26 Feb 1985

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	0.6	0900	MCAS - 3502	24	0	0.4	0945	TIME RECEIVED 1250
RR - 15	2		0.8	0915	MCAS - 2002	25		0.5	1000	DATE RECEIVED 2/26/85
RR - 6	3		0.8	0930	MCAS - 4157	26		1.0	0935	ACCEPTED BY Burns
	4				MCAS - EM-1252	27		0.7	1010	DATE ANALYZED 2/26/85
A-1	5		1.0	0945		28				ANALYSIS STARTED 1205
BB - 7	6		0.9	1010	NRMC - Food Service	29		0.9	1150	ANALYSIS FINISHED 1425
BB - 49	7		1.0	1020	PP - 2615	30		0.6	1135	INCUBATOR TEMP 36.0°C
BB - 9	8		0.9	1030	PP - 2613	31		0.5	1140	PROCESSED BY <i>W. A. H. PELLE</i>
	9				BM - 5400	32		0.5	1155	
BA - 103	10		0.9	1135	BM - 825	33		0.5	1205	CUSTODY DATA
BA - 101	11		0.8	1150	LCH - 4022	34		0.5	1220	DATE
	12				LCH - 4003	35		0.8	1230	TIME
TT - 36	13		1.0	0900		36				SIGNATURE
TT - 43	14		0.9	0915	H - 1 Ward 12A	37		0.8	1115	DATE
TT - 2465	15		0.9	1000	H - 23	38		1.0	1120	TIME
	16				FC - 303	39		1.0	0940	SIGNATURE
CK - 1304	17		0.5	1030	FC - 420	40		1.1	0950	
M - 139	18		1.1	1045	FC - 400	41		0.9	0955	COPY TO:
M - 131	19		1.2	1100	HP - 236	42		1.0	0855	<input checked="" type="checkbox"/> UTIL DIR
	20				HP - 540	43		1.0	0905	<input type="checkbox"/> WATER TREATMENT
CG - 1	21		0.3	0925	HP - 1400 1400	44		0.8	0920	<input type="checkbox"/> PMU <input type="checkbox"/> MCAS PMO
TC - 830	22		1.5	0914	HP - 400	45	0	1.1	0930	<input type="checkbox"/> NREAD <input type="checkbox"/> FILE
TC - GC-650	23	0	0.8	0905		46				

REMARKS

CLW

SIGNATURE

000004589

*W. A. H. PELLE*

ENCLOSURE (2)

BACTERIOLOGICAL ANALYSIS OF WATER

NON-REPORTABLE

WATER SAMPLES	MARKED	COLIFORM COUNT M-ENDO MEDIUM	RESIDUAL CHLORINE	pH	TIME
BB-97		Ø	1.2		1045
FC-19					
SH-8		Ø	0.9		1015
M.P. POOL		Ø	0.7	7.9	1040
#2 POOL		Closed			
#5 POOL		Ø	0.6	7.8	0905
P. P. POOL					
P. P. BABY POOL					
MCAS E-POOL					
MCAS O-POOL					
MCAS BABY POOL					

REMARKS

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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	1000	MCAS - 3502	24	0	0.4		TIME RECEIVED 1230
RR - 15	2		0.9	1010	MCAS - 2002	25		0.9		DATE RECEIVED 2-5-85
RR - 10	3		0.9	1020	MCAS - 4157	26		0.3		ACCEPTED BY Burns
	4				MCAS - 2043	27		1.0		DATE ANALYZED 2-5-85
A-1	5		1.0	0910		28				ANALYSIS STARTED 1235
BB - 7	6		1.0	0835	NRMC - Food Service	29		0.9		ANALYSIS FINISHED 1415
BB - 26.5	7		0.9	0820	PP - 2615	30		0.6		INCUBATOR TEMP 75°
BB - 24.5	8		0.9	0820	PP - 2617	31		0.9		PROCESSED BY Burns
	9				BM - 5400	32		1.0		
BA - 103	10		1.0	1130	BM - 825	33		0.7		CUSTODY DATA
BA - 101	11		1.0	1145	LCH - 4022	34		0.8		DATE
	12				LCH - 4025	35		0.8		TIME
TT - 38	13		1.0	0900		36				SIGNATURE
TT - 43	14		0.9	0915	H - 1 12A	37		0.7		DATE
TT - 1110	15		0.8	0945	H - 23	38		0.7		TIME
	16				FC - 303	39		1.0		SIGNATURE
CK - 1110	17		0.9	1000	FC - 420	40		0.8		
M - 139	18		1.2	1030	FC - 425	41		0.8		COPY TO:
M - 19	19		1.2	1045	HP - 236	42		1.0		<input checked="" type="checkbox"/> UTIL DIR
	20				HP - 540	43		1.0		<input type="checkbox"/> WATER TREATMENT
CG - 1	21		0.3	0930	HP - 1200 1400	44		1.1		<input type="checkbox"/> PMU <input type="checkbox"/> MCAS PMO
TC - 830	22		1.5	0915	HP - 1005	45		1.0		<input type="checkbox"/> NREAD <input type="checkbox"/> FILE
TC - 6-650	23		1.0	0855		46				CLW

REMARKS

SIGNATURE

0000004591

6 FEB 85 H Burns



REPORTABLE POINTS FOR SDWA

WATER SAMPLES	MARKED	COLIFORM MP/100 ML	RESIDUAL CHLORINE	TIME	WATER SAMPLES	MARKED	COLIFORM MP/100 ML	RESIDUAL CHLORINE	TIME	LABORATORY DATA
RR-3	1	0	0.8	1110	MCAS - 3502	24	0	0.3	0930	TIME RECEIVED 12-30-131
RR-15	2	0	0.9	1115	MCAS - 2002	25	0	0.4	0940	DATE RECEIVED 12 FEB 85
RR-10	3	0	0.8	1120	MCAS - 4157	26	0	0.3	0920	ACCEPTED BY T, J, T.B
	4				MCAS EN-1285	27	0	0.5	0950	DATE ANALYZED 12-2-85
A-1	5	0	0.8	0915		28				ANALYSIS STARTED 1240
BB-7	6	0	1.0	0830	NRMC - FOOD SERVICE	29	0	0.9	1045	ANALYSIS FINISHED 1400
BB-49	7	0	0.9	0845	PP - 2615	30	0	0.8	1030	INCUBATOR TEMP
BB-245	8	0	0.8	0850	PP - 2600	31	0	0.8	1035	PROCESSED BY T.B
	9				BM - 5400	32	0	1.0	1055	
BA-103	10	0	1.0	1010	BM - 1985	33	0	1.0	1105	CUSTODY DATA
BA-102	11	0	1.0	1020	LCH - 4022	34	0	0.7	1115	DATE
	12				LCH - 4000	35	0	0.8	1120	TIME
TT-38	13	0	1.0	0845		36				SIGNATURE
TT-43	14	0	0.9	0900	H-1 WARD 12	37	0	1.2	1010	DATE
TT-2119	15	0	0.9	0920	H-16	38	0	1.2	1015	TIME
	16				FC - 303	39	0	1.2	0925	SIGNATURE
CK-1610	17	0	0.8	1000	FC - 420	40	0	1.2	0915	
M-139	18	0	1.2	1030	FC - 540	41	0	1.2	0910	COPY TO:
M-424	19	0	1.1	1100	HP - 236	42	CLOS ED			<input checked="" type="checkbox"/> UTIL DIR
	20				HP - 540	43	0	0.8	0900	<input type="checkbox"/> WATER TREATMENT
CG-1	21	0	0.3	0910	HP - 1300	44	0	1.0	0840	<input type="checkbox"/> PMU <input type="checkbox"/> MCAS PMO
TC-830	22	0	0.8	0900	HP - 1407	45	0	1.0	0845	<input type="checkbox"/> NREAD <input type="checkbox"/> FILE
TC-5-1652	23	0*	0.6	0845		46				<input type="checkbox"/>

REMARKS  
 \* NUMEROUS NON-COLIFORM COLONIES  
 FEW NON-COLIFORM COLONIES

CLW

0000004593

SIGNATURE  
 Thomas A. [Signature]

000004594

CLW

MCBCL 11330/4 (A)

\* *Nitrosomonas* Non-coliform & coliforms

REMARKS

WATER SAMPLES	MARKED	COLIFORM COUNT	M-ENDO MEDIUM	RESIDUAL CHLORINE	pH	TIME
BB-97		0*		0.9		0900
FC-19						
SH-8		0*		1.2		0940
M.P. POOL		0*		0.5	7.6	1045
#2 POOL						
#5 POOL		0		0.5	7.6	0900
P. P. POOL						
P. P. BABY POOL						
MCAS E-POOL						
MCAS O-POOL						
MCAS BABY POOL						

BACTERIOLOGICAL ANALYSIS OF WATER NON-REPORTABLE

2/19/85

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	1130	MCAS - 3502	24	∅	0.4	0920	TIME RECEIVED 1210 - 1340
RR - 15	2	∅	0.6	1125	MCAS - 2002	25	∅	0.8	0930	DATE RECEIVED 2/19/85
RR - 13	3	∅	0.5	1140	MCAS - 4157	26	∅	0.4	0910	ACCEPTED BY 13 JANS
	4	∅			MCAS - 2053	27	∅	0.4	0948	DATE ANALYZED 2/19/85
A-1	5	∅	1.0	1100		28	∅			ANALYSIS STARTED 1210
BB - 7	6	∅	1.0	0910	NRMC FOOD SERVICE	29	∅	0.7	1050	ANALYSIS FINISHED 1420
BB - 49	7	∅	0.8	0900	PP - 2615	30	∅	0.7	1035	INCUBATOR TEMP 35
BB - 31	8	∅	0.7	0930	PP - 2600	31	∅	0.7	1040	PROCESSED BY 13 JANS
	9	∅			BM - 5400	32	∅	0.7	1100	
BA - 103	10	∅	0.8	1200	BM - 1985	33	∅	0.6	1105	CUSTODY DATA
BA - 101	11	∅	0.8	1215	LCH - 4022	34	∅	0.7	1115	DATE
	12	∅			LCH - 4014	35	∅	0.7	1120	TIME
TT - 38	13	∅	1.0	0845		36	∅			SIGNATURE
TT - 43	14	∅	1.0	0900	H - 1 WARD 12 - B	37	∅	1.2	1020	DATE
TT - 3309	15	∅	0.9	0920	H - 16	38	∅	1.0	1025	TIME
	16	∅			FC - 303	39	∅	1.2	0920	SIGNATURE
CK - 1000	17	∅	0.8	1010	FC - 420	40	∅	1.2	0930	
M - 139	18	∅	1.2	1045	FC - 540	41	∅	1.2	0935	COPY TO:
M - 231	19	∅	1.1	1100	HP - 238	42	∅	1.0	1010	<input checked="" type="checkbox"/> UTIL DIR
	20	∅			HP - 540	43	∅	1.0	0910	<input type="checkbox"/> WATER TREATMENT
CG - 1	21	∅	0.3	0900	HP - 1900 1400	44	∅	1.0	0900	<input type="checkbox"/> PMU <input type="checkbox"/> MCAS PMO
TC - 830	22	∅	1.0	0850	HP - 20	45	∅	1.0	1000	<input type="checkbox"/> NREAD <input type="checkbox"/> FILE
TC - G-650	23	∅	0.8	0836		46	∅			<input type="checkbox"/>

REMARKS

CLW

SIGNATURE

0000004595

H.A. Burns 2/20/85

0000004596

CLW

MCRCL 113874 (A)

REMARKS

WATER SAMPLES	MARKED	COLIFORM COUNT	M-ENDO MEDIUM	RESIDUAL CHLORINE	pH	TIME
BB-97			NO WATER			
FC-19						
5H-8			φ	0.8		6945
M.P. POOL			φ	0.5	7.9	1045
#2 POOL			CLOSED			
#5 POOL			φ	0.7	7.7	0910
P. P. POOL						
P. P. BABY POOL						
MCAS E-POOL						
MCAS O-POOL						
MCAS BABY POOL						

BACTERIOLOGICAL ANALYSIS OF WATER NON-REPORTABLE

QUALITY CONTROL LABORATORY REPORT  
 MISCELLANEOUS BACTERIOLOGICAL ANALYSIS OF WATER

*Fiber*

MSBCL 11220/6 (REV. 4/78)

WATER TYPE		SAMPLE COLLECTED BY		DATE COLLECTED	
Potable		Hughes		4 Feb 85	
LOCATION	MARKED	COLIFORM			
		TOTAL	FECAL		
Midway Park 113	Time 1306 Cl <sub>2</sub> 0.6	0			
427	1314 0.6	0			
807	1332 0.6	0			
809	1325 0.6	0			
REPORTED TO P.W. (BREG. FITZPATRICK)					

REMARKS

Rec 1428 2/4/85 L

427 Midway Cl<sub>2</sub>:6  
 1:14 P.M.  
 2/1/85  
 Hughes

113 Midway Cl<sub>2</sub>:6  
 2-45-85  
 1:06 P.M.  
 Hughes

807 Midway Cl<sub>2</sub>:6  
 1:32 P.M.  
 4/2/85  
 Hughes

809 Midway  
 2/4/85 Cl<sub>2</sub>:6  
 1:25 P.M.  
 Hughes

SIGNATURE

*H. J. Burns*

DATE

5 Feb 85

COPY TO

- NREAD
- UTILITIES DIRECTOR
- WATER TREATMENT PLANT (GENERAL FOREMAN)

- BASE PREVENTIVE MEDICINE
- MCAS PREVENTIVE MEDICINE
- 

CLW  
 00000459





QUALITY CONTROL LABORATORY REPORT  
 MISCELLANEOUS BACTERIOLOGICAL ANALYSIS OF WATER

MCBCL 11220/1 (REV. 4/78)

WATER TYPE		SAMPLE COLLECTED BY		DATE COLLECTED	
MIDWAY FARM		RANNEY COSTA Public Works		21 Feb 1985	
LOCATION	MARKED	COLIFORM			
		TOTAL	FECAL		
MIDWAY FARM 771		<del>0</del>			
777					
774					
784					
780					
757					
778					
775	Cl. 0.6				
779					
758					
776					
772					
766					
762					
753					
REMARKS	755				

SAMPLES COLLECTED BETWEEN 0830-1100  
 Cl<sub>2</sub> BETWEEN 0.4-0.6 mg/L WHERE NOT REPORTED  
 SAMPLES RECEIVED 1100 BY ELOP  
 SAMPLES RUN: 1115-1145 BY HUNGICUIT

Called 5006 at 1300 2/22/85

SIGNATURE *Steven Hungicuit* DATE 22 Feb 85

COPY TO

- NREAD
- UTILITIES DIRECTOR
- WATER TREATMENT PLANT (GENERAL FOREMAN)

- BASE PREVENTIVE MEDICINE
- MCAS PREVENTIVE MEDICINE

File

CLW

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QUALITY CONTROL LABORATORY REPORT  
 MISCELLANEOUS BACTERIOLOGICAL ANALYSIS OF WATER

MCBCL 11230/8 (REV. 4/78)

WATER TYPE		SAMPLE COLLECTED BY		DATE COLLECTED	
Miscellaneous		Ken Hughes Public Works		21 Feb 1985	
LOCATION	MARKED	COLIFORM			
		TOTAL	FECAL		
Miscellaneous 711	Cl. 0.6	∅			
715	Cl. 0.6	∅			
752		1			
733	Cl. 0.1	∅			
740	Cl. 0.4				
722	Cl. 0.6				
756					
751					
754					
702	Cl. 0.6				
730	Cl. 0.4				
728	Cl. 0.4				
725	Cl. 0.6				
721	Cl. 0.4				
710	Cl. 0.6				

REMARKS

SAMPLES COLLECTED BETWEEN 0830-1100  
 Cl. BETWEEN 0.4-0.6 MP/L WERE NOT REPORTED

SAMPLES RECEIVED 1100 BY E.B.J.

SAMPLES RUN: 1115-1145 BY HUNEXCITE

\* # 752 also had 10 num. coliform Colonies.

SIGNATURE

COPY TO

DATE

22 Feb 85

- NREAD
- UTILITIES DIRECTOR
- WATER TREATMENT PLANT (GENERAL FOREMAN)

- BASE PREVENTIVE MEDICINE
- MCAS PREVENTIVE MEDICINE
- \_\_\_\_\_

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QUALITY CONTROL LABORATORY REPORT  
 MISCELLANEOUS BACTERIOLOGICAL ANALYSIS OF WATER  
 MCBCL 11835 (REV. 4/78)

FILE

WATER TYPE		SAMPLE COLLECTED BY		DATE COLLECTED
Municipal		LARRY ADAMS		22 Feb 1985
LOCATION	MARKED	COLIFORM		
		TOTAL	FECAL	
624		0		
635		0		
633		0		
911		0		
777		0		
638		0		
632		0		
634		0		
630		0		
637		0		
626		0		
910		0		
636		0		
631		0		
625		0		

REMARKS

SAMPLES COLLECTED FROM 0830-1100  
 (MISCELLANEOUS) FROM 04 J.G.P.M.  
 SAMPLES RECEIVED 1115. E.C.C.W. 2/27/85  
 SAMPLES RUN 1115-1145

SIGNATURE

*H. B. ...*

DATE

2-23-85

COPY TO

- NREAD
- UTILITIES DIRECTOR
- WATER TREATMENT PLANT (GENERAL FOREMAN)

- BASE PREVENTIVE MEDICINE
- MCAS PREVENTIVE MEDICINE
- PUBLIC WORK

CLW

0000004004

FILE

WATER TYPE		SAMPLE COLLECTED BY		DATE COLLECTED	
Municipal		KEN H. CLINE		22 FEB 1985	
LOCATION	MARKED	COLIFORM			
		TOTAL	FECAL		
Municipal	739	0			
	726	0			
	724	0			
	743	0			
	712	0			
	744	0			
	742	0			
	763	0			
	746	0			
	723	0			
	747	0			
	749	0			
	773	0			
	741	0			

REMARKS

SAMPLES COLLECTED FROM 0830-1100  
 CHEMICAL RESIDUES FROM 0.2-0.4 ppm  
 SAMPLES RECEIVED 1115 FROM 2/22/85  
 SAMPLES RUN 1115 -

SIGNATURE

*T. Barber*

DATE

2-23-85

COPY TO

NREAD

UTILITIES DIRECTOR

WATER TREATMENT PLANT (GENERAL FOREMAN)

BASE PREVENTIVE MEDICINE

MCAS PREVENTIVE MEDICINE

PUBLIC WORKS

CLW

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QUALITY CONTROL LABORATORY REPORT  
 MISCELLANEOUS BACTERIOLOGICAL ANALYSIS OF WATER  
 MCBCL 112807 (REV. 4/78)

FILE

WATER TYPE		SAMPLE COLLECTED BY		DATE COLLECTED	
Midway Park		Ken Hughes		22 Feb 1985	
LOCATION	MARKED	COLIFORM			
		TOTAL	FECAL		
Midway Park 722		0			
720		0			
704		0			
715		0			
745		0			
736		0			
709		0			
735		0			
734		0			
717		0			
729		0			
738		0			
713		0			
706		0			
759		0			

REMARKS  
 SAMPLES COLLECTED 0830-1100  
 CLIPPING BETWEEN 02:04 PM  
 SAMPLES RECEIVED 1115 2/27/85 EES  
 SAMPLES RUN 1115

SIGNATURE Th. Barber DATE 2-23-85

COPY TO

- NREAD
- UTILITIES DIRECTOR
- WATER TREATMENT PLANT (GENERAL FOREMAN)
- BASE PREVENTIVE MEDICINE
- MCAS PREVENTIVE MEDICINE
- PUBLIC WORKS

CLW

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QUALITY CONTROL LABORATORY REPORT  
 MISCELLANEOUS BACTERIOLOGICAL ANALYSIS OF WATER

FILE

MCBCL 11389/8 (REV. 4/78)

WATER TYPE		SAMPLE COLLECTED BY		DATE COLLECTED	
Potable		K. Hughes		2-22-85	
LOCATION	MARKED	COLIFORM			
		TOTAL	FECAL		
Midway Park	748	0			
	750	0			
	750L	0			
	760	0			
	768	0			
	770	0			
	800	0			
	802	1			
	803	0			
	804	0			
	808	0			
	900	4			
	901	0			
	903	0			
	904	0			

REMARKS

See 1330 2-22-85 Z  
 SAMPLES COLLECTED 1100-1530  
 CHLORINE BETWEEN 0.2-0.6 ppm

SIGNATURE

Th Barber

DATE

2-23-85

COPY TO

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- UTILITIES DIRECTOR
- WATER TREATMENT PLANT (GENERAL FOREMAN)

- BASE PREVENTIVE MEDICINE
- MCAS PREVENTIVE MEDICINE
- PUBLIC WORKS

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QUALITY CONTROL LABORATORY REPORT  
 MISCELLANEOUS BACTERIOLOGICAL ANALYSIS OF WATER

FILE

SMCBCL 11220/8 (REV. 4/78)

WATER TYPE	SAMPLE COLLECTED BY		DATE COLLECTED	
			2/26/85	
LOCATION	MARKED	COLIFORM		
		TOTAL	FECAL	
Midway Dock	600	Ø		
	602	Ø		
	616	Ø		
	618	Ø		
	620	Ø		
602 Cl <sub>2</sub> - .8 2-26-85 2:25 K.H.		602 Cl <sub>2</sub> - .8 2-26-85 2:30 K.H.		
618 Cl <sub>2</sub> - .8 2-26-85 2:13 P.M. K.H.				
620 Cl <sub>2</sub> - .8 2-26-85 1:10 K.H.				

REMARKS

Rec'd Lab 1500 2/26/85  
 1505 2/26/85 B  
 616 Cl<sub>2</sub> - .8  
 2-26-85  
 2:16  
 K.H.

REPORTED TO KEN HUGHES

SIGNATURE

H. J. Burns

DATE

2/27/85

COPY TO

- NREAD
- UTILITIES DIRECTOR
- WATER TREATMENT PLANT (GENERAL FOREMAN)

- BASE PREVENTIVE MEDICINE
- MCAS PREVENTIVE MEDICINE

CLW

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