

11333/1
NREAD
28 Jan 87

Mr. Wallace E. Venrick
Water Supply Branch
Division of Health Services
Post Office Box 2091
Raleigh, North Carolina 27602-2091

Dear Mr. Venrick:

Enclosures (1), (2) and (3) are the Trihalomethane analysis of the Hadnot Point (HP) Water Treatment Plant, ID No. 04-67-041 the Marine Corps Air Station (MCAS), New River Water Treatment Plant, ID No. 04-67-042, and the Holcomb Blvd. (HB) Water Treatment Plant, ID No. 04-67-043. All samples were collected by the Environmental Chemistry and Microbiology Laboratory personnel and analyzed by Industrial and Environmental Analysts, Incorporated.

Point of contact in this matter is Ms. Elizabeth Betz, (919) 451-5977.

Sincerely,

J. I. ROOTEN, Director
Natural Resources Division
By direction of the Commanding General

Encls:

- (1) TTHM Analysis for HP
- (2) TTHM Analysis for MCAS
- (3) TTHM Analysis for HB

Copy to:
LANTDIV

Blind copy to:
EC & ML (2)
BMO (UITL DIR)

Writer/Typist

Betz/Guanodici

Date Typed

28 Jan 87

Word Processor Number

11333/1

1957
1958

Division of Social Services
New York State
1957-1958

Annual Report of the Division of Social Services
for the year ending June 30, 1958

Division of Social Services
New York State

1957-1958
New York State

1957-1958
New York State

Word processing number: 113811
Date: 12-1-58
W. H. C. [Signature]

ORGANIC CHEMICAL ANALYSES - PUBLIC WATER SYSTEM

Water System I.D. Number

Complete All Items Above Heavy Line

4 - 67 - 041
(1-7)

Name of System: HADNOT POINT

Type of System:
 Community () Non-Community

Address: COMMANDING GENERAL, MARINE CORPS

Source of Water:

PO BOX CAMP LEJEUNE NC Zip 28542

Ground () Both
() Surface () Purchased

County: CRAWFORD

Port To: ARMY FACILITIES ATTN: NREAD

Source of Sample:

Address: SAME AS ABOVE

Distribution Tap () House Tap
() Plant Tap () Well Tap

Telephone Number: 019 (45) 451 - 5977

Type of Treatment:

Collected By: ENVIRONMENTAL CHEM. & MICRO. LABORATORY

() None (X) Lime
(X) Chlorinated () Soda Ash
(X) Fluoridated () Polyphosphate
(X) Filtered (X) Water Softener
() Alum () Other

Date Collected: 12 31 86 Time: 11:58 AM
MM DD YY (38-41)
(31-36)

Location of Sampling Point: FC-530

(Address where sample was collected)

Remarks:

Loc. Code
(28-30)

Type of Sample: (37)

D-Regular () M-M.R.T.
() C-Check () S-Special

State Drinking Water Parameters (Required)

| Contaminant ID | Name | Method | Results Mg/l |
|----------------|-------------------|----------------------|----------------------|
| (10-13) | | (14-16) | (17-21) |
| 005 | Endrin | <input type="text"/> | <input type="text"/> |
| 010 | Lindane | <input type="text"/> | <input type="text"/> |
| 015 | Methoxychlor | <input type="text"/> | <input type="text"/> |
| 020 | Toxaphene | <input type="text"/> | <input type="text"/> |
| 005 | 2,4-D | <input type="text"/> | <input type="text"/> |
| 010 | 2,4,5-TP (Silvex) | <input type="text"/> | <input type="text"/> |
| | | <input type="text"/> | <input type="text"/> |
| | | <input type="text"/> | <input type="text"/> |

Optional Parameters (List as needed)

| Contaminant ID | Name | Method | Results Mg/l |
|----------------|----------------------|----------------------|----------------------|
| (10-13) | | (14-16) | (17-21) |
| 2941 | Chloroform | 215 | 0.0013 |
| 2943 | Bromochloromethane | 215 | 0.0018 |
| 2944 | Chlorodibromomethane | 215 | 0.0015 |
| 2942 | Bromoform | 215 | 0.0012 |
| 2950 | THM | 215 | 0.028 |
| | | <input type="text"/> | <input type="text"/> |
| | | <input type="text"/> | <input type="text"/> |
| | | <input type="text"/> | <input type="text"/> |

Date Received 1-6-87

Date Reported 1-8-87

Reported By JMA

Date Extracted 1-8-87

Date Analyzed 1 9 87

Lab Number 231-206

Comments:

MM DD YY
(22-27)

ENCLOSURE (11)



3 37720
C. Lab. ID



Industrial & Environmental Analysts, Inc.

P.O. Box 12542 • Research Triangle Park, NC 27709 • 919-467-9919

WATER-SYSTEM PERSONNEL TO COMPLETE ALL INFORMATION ABOVE HEAVY LINE

WATER SYSTEM INFORMATION

WATER SYSTEM ID# 04-67-042 TYPE OF SYSTEM:
 COMMUNITY () NON-COMMUNITY

SYSTEM NAME: Marine Corps Air Station SOURCE OF WATER:
 GROUND () BOTH

ADDRESS: Commanding General, Marine Corps
Base Camp LeJeune ZIP 28542 () SURFACE () PURCHASED

COUNTY: Onslow TYPE OF TREATMENT:
 () NONE (X) LIME

REPORT TO: Facilities, NREAD (X) CHLORINATED () SODA ASH

ADDRESS: Same as above () FLUORIDATED () POLYPHOSPHATE

ZIP _____ () FILTERED (X) WATER SOFTNER

TELEPHONE: (919) 451-5977 () ALUM, () OTHER

SAMPLE INFORMATION

SOURCE OF SAMPLE TYPE OF SAMPLE

() DISTRIBUTION TAP () HOUSE TAP (X) D-REGULAR () M-M.R.T.

() PLANT TAP () WELL TAP () C-CHECK () S-SPECIAL

SAMPLING LOCATION (Address): AS-4025

DATE COLLECTED: 12-31-86 TIME COLLECTED: 9:56 (am) pm

COLLECTED BY: Environmental Chemist- LOC. CODE: 004
Micro Laboratory

FOR LABORATORY USE ONLY

STATE DRINKING WATER PARAMETERS

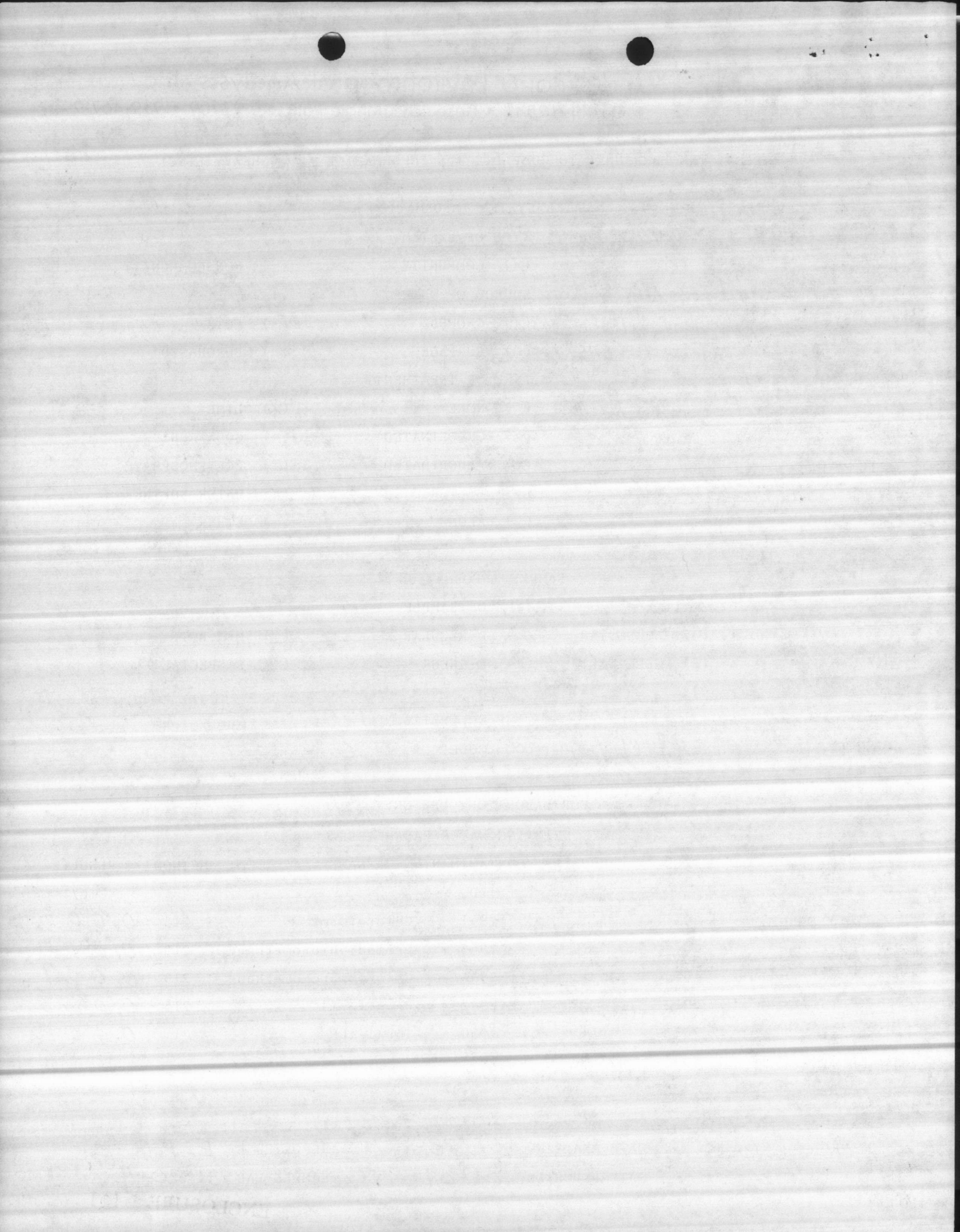
| CONTAMINANT ID | NAME | METHOD | RESULTS mg/l | CONTAMINANT ID | NAME | METHOD | RESULTS mg/l |
|----------------|--------------|--------|--------------|----------------|----------------------|--------|--------------|
| 2005 | Endrin | 201 | --- | 2941 | Chloroform | 215 | <u>0.005</u> |
| 2010 | Lindane | 201 | --- | 2943 | Bromodichloromethane | 215 | <u>0.011</u> |
| 2015 | Methoxychlor | 201 | --- | 2944 | Chlorodibromomethane | 215 | <u>0.029</u> |
| 2020 | Toxaphene | 201 | --- | 2942 | Bromoform | 215 | <u>0.063</u> |
| 2105 | 2, 4-D | 203 | --- | 2950 | Total THM | 215 | <u>0.108</u> |
| 2110 | 2, 4, 5-TP | 203 | --- | | | | --- |

DATE RECEIVED 01-06-87 DATE ANALYZED 01-08-87 REPORTED BY E. Folk

DATE EXTRACTED 01-08-87 DATE REPORTED 01-09-87 SAMPLE LAB 231-20-4

REMARKS:

ENCLOSURE (2)



3 37720
C. Lab. ID



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WATER-SYSTEM PERSONNEL TO COMPLETE ALL INFORMATION ABOVE HEAVY LINE

WATER SYSTEM INFORMATION

WATER SYSTEM ID# 04-67-042 TYPE OF SYSTEM:
 COMMUNITY () NON-COMMUNITY

SYSTEM NAME: Marine Corps Air Station SOURCE OF WATER:
 GROUND () BOTH

ADDRESS: Commanding General, Marine Corps
Base Camp LeJeune ZIP 28542 () SURFACE () PURCHASED

COUNTY: Onslow TYPE OF TREATMENT:
 () NONE LIME

REPORT TO: Facilities, NREAD () SODA ASH
 CHLORINATED () POLYPHOSPHATE

ADDRESS: Same as above () FLUORIDATED () WATER SOFTNER
 ZIP () ALUM () OTHER

TELEPHONE: (919) 451-5977

SAMPLE INFORMATION

SOURCE OF SAMPLE TYPE OF SAMPLE
 DISTRIBUTION TAP () HOUSE TAP D-REGULAR () M-M.R.T.
 PLANT TAP () WELL TAP () C-CHECK () S-SPECIAL

SAMPLING LOCATION (Address): AS-2800

DATE COLLECTED: 12-31-86 TIME COLLECTED: 10:30 am pm

COLLECTED BY: Environmental Chemist- LOC. CODE: 003
Micro Laboratory

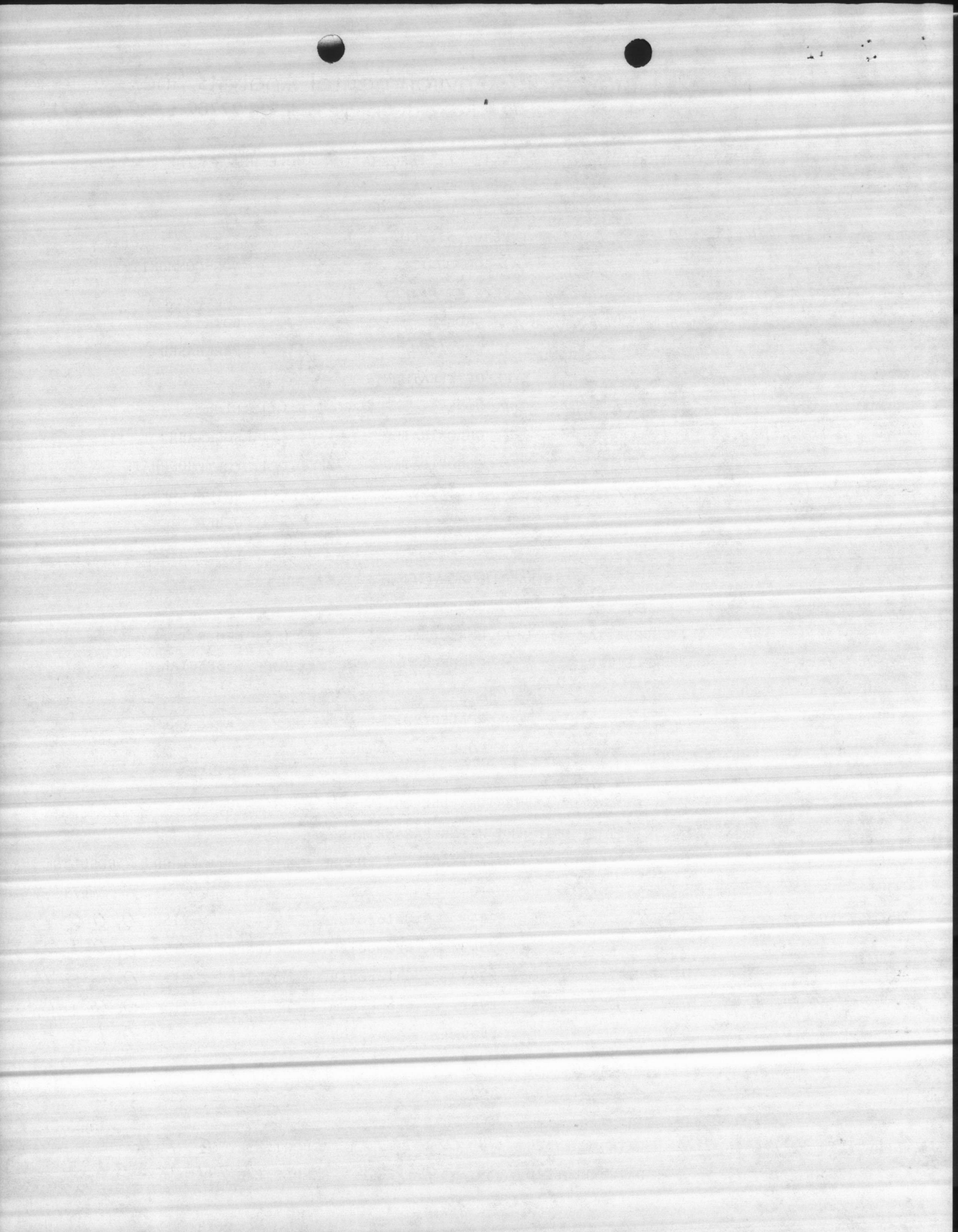
FOR LABORATORY USE ONLY

STATE DRINKING WATER PARAMETERS

| CONTAMINANT ID | NAME | METHOD | RESULTS mg/l | CONTAMINANT ID | NAME | METHOD | RESULTS mg/l |
|----------------|--------------|--------|--------------|----------------|----------------------|--------|--------------|
| 2005 | Endrin | 201 | --- | 2941 | Chloroform | 215 | <u>0.007</u> |
| 2010 | Lindane | 201 | --- | 2943 | Bromodichloromethane | 215 | <u>0.015</u> |
| 2015 | Methoxychlor | 201 | --- | 2944 | Chlorodibromomethane | 215 | <u>0.037</u> |
| 2020 | Toxaphene | 201 | --- | 2942 | Bromoform | 215 | <u>0.066</u> |
| 2105 | 2, 4-D | 203 | --- | 2950 | Total THM | 215 | <u>0.125</u> |
| 2110 | 2, 4, 5-TP | 203 | --- | | | | --- |

DATE RECEIVED 01-06-87 DATE ANALYZED 01-08-87 REPORTED BY E. Folk
 DATE EXTRACTED 01-08-87 DATE REPORTED 01-09-87 SAMPLE LAB 231-20-3

REMARKS:



3 37720
C. Lab. ID



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WATER-SYSTEM PERSONNEL TO COMPLETE ALL INFORMATION ABOVE HEAVY LINE

WATER SYSTEM INFORMATION

WATER SYSTEM ID# 04-67-042 TYPE OF SYSTEM:
 COMMUNITY () NON-COMMUNITY

SYSTEM NAME: Marine Corps Air Station SOURCE OF WATER:
 GROUND () BOTH

ADDRESS: Commanding General, Marine Corps
Base Camp LeJeune ZIP 28542 () SURFACE () PURCHASED

COUNTY: Onslow TYPE OF TREATMENT:
 () NONE LIME

REPORT TO: Facilities, NREAD () CHLORINATED () SODA ASH
 ADDRESS: Same as above () FLUORIDATED () POLYPHOSPHATE
 ZIP () FILTERED WATER SOFTNER
 TELEPHONE: (919) 451-5977 () ALUM () OTHER

SAMPLE INFORMATION

SOURCE OF SAMPLE TYPE OF SAMPLE
 DISTRIBUTION TAP () HOUSE TAP D-REGULAR () M-M.R.T.
 PLANT TAP () WELL TAP () C-CHECK () S-SPECIAL

SAMPLING LOCATION (Address): AS-710

DATE COLLECTED: 12-31-86 TIME COLLECTED: 10:55 am pm
 COLLECTED BY: Environmental Chemist - LOC. CODE: 002
Micro Laboratory

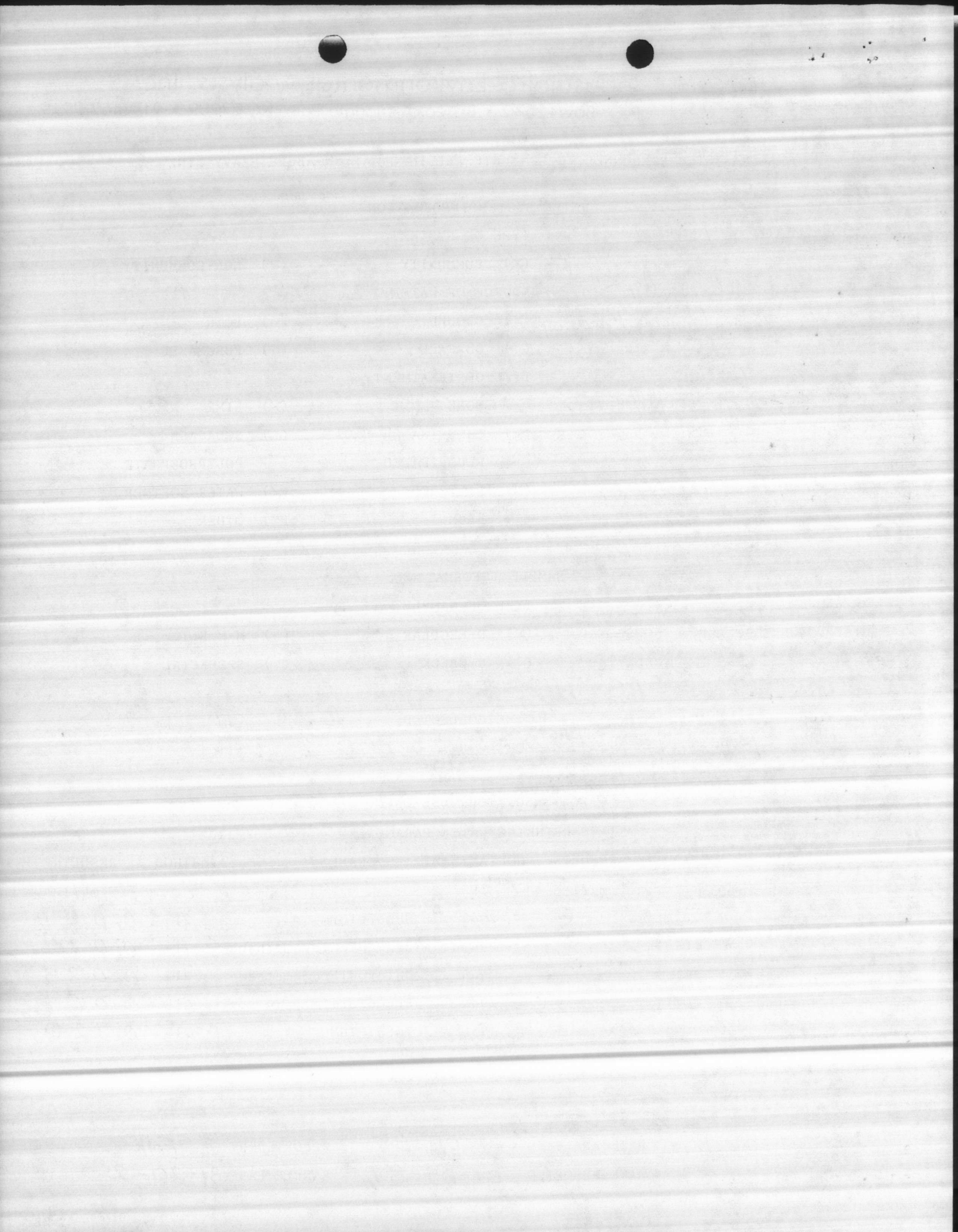
FOR LABORATORY USE ONLY

STATE DRINKING WATER PARAMETERS

| CONTAMINANT ID | NAME | METHOD | RESULTS mg/l | CONTAMINANT ID | NAME | METHOD | RESULTS mg/l |
|----------------|--------------|--------|--------------|----------------|----------------------|--------|--------------|
| 2005 | Endrin | 201 | --- | 2941 | Chloroform | 215 | 0.007 |
| 2010 | Lindane | 201 | --- | 2943 | Bromodichloromethane | 215 | 0.014 |
| 2015 | Methoxychlor | 201 | --- | 2944 | Chlorodibromomethane | 215 | 0.035 |
| 2020 | Toxaphene | 201 | --- | 2942 | Bromoform | 215 | 0.064 |
| 2105 | 2, 4-D | 203 | --- | 2950 | Total THM | 215 | 0.120 |
| 2110 | 2, 4, 5-TP | 203 | --- | | | | |

DATE RECEIVED 01-06-87 DATE ANALYZED 01-08-87 REPORTED BY E. Folk
 DATE EXTRACTED 01-08-87 DATE REPORTED 01-09-87 SAMPLE LAB 231-20-2

REMARKS:



3 37720
C. Lab. ID



Industrial & Environmental Analysts, Inc.

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WATER-SYSTEM PERSONNEL TO COMPLETE ALL INFORMATION ABOVE HEAVY LINE

WATER SYSTEM INFORMATION

WATER SYSTEM ID# 04-67-042 TYPE OF SYSTEM:
 COMMUNITY () NON-COMMUNITY
 SYSTEM NAME: Marine Corps Air Station SOURCE OF WATER:
 ADDRESS: Commanding General, Marine Corps GROUND () BOTH
Base Camp LeJeune ZIP 28542 () SURFACE () PURCHASED
 COUNTY: Onslow TYPE OF TREATMENT:
 REPORT TO: Facilities, NREAD () NONE LIME
 ADDRESS: Same as above CHLORINATED () SODA ASH
 ZIP () FLUORIDATED () POLYPHOSPHATE
 TELEPHONE: (919) 451-5977 FILTERED WATER SOFTNER
 () ALUM () OTHER

SAMPLE INFORMATION

SOURCE OF SAMPLE TYPE OF SAMPLE
 DISTRIBUTION TAP () HOUSE TAP D-REGULAR () M-M.R.T.
 PLANT TAP () WELL TAP () C-CHECK () S-SPECIAL
 SAMPLING LOCATION (Address): AS-110
 DATE COLLECTED: 12-31-86 TIME COLLECTED: 9:42 am pm
 COLLECTED BY: Environmental Chemist - LOC. CODE: 001
Micro Laboratory

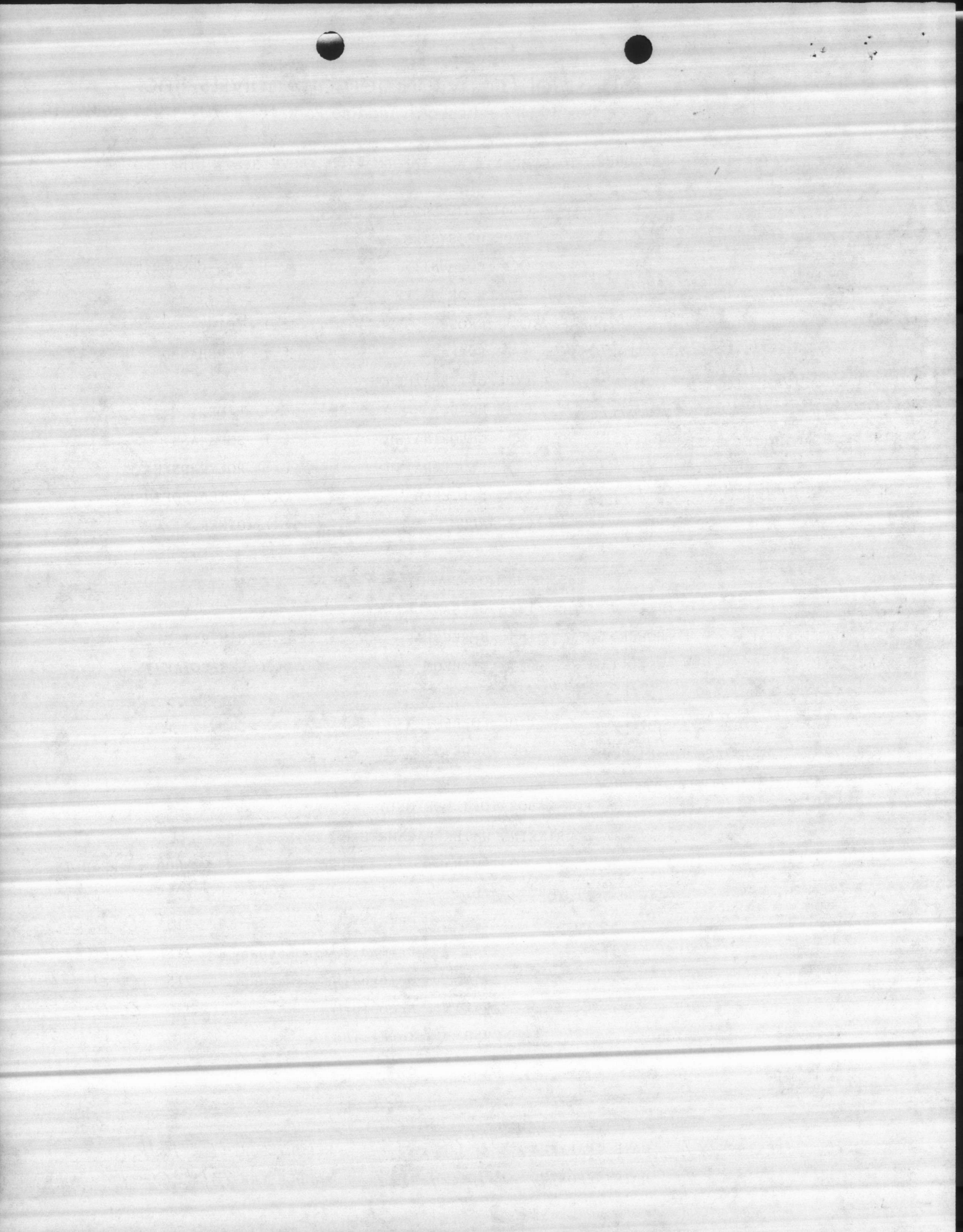
FOR LABORATORY USE ONLY

STATE DRINKING WATER PARAMETERS

| CONTAMINANT ID | NAME | METHOD | RESULTS mg/l | CONTAMINANT ID | NAME | METHOD | RESULTS mg/l |
|----------------|--------------|--------|--------------|----------------|----------------------|--------|--------------|
| 2005 | Endrin | 201 | --- | 2941 | Chloroform | 215 | <u>0.005</u> |
| 2010 | Lindane | 201 | --- | 2943 | Bromodichloromethane | 215 | <u>0.007</u> |
| 2015 | Methoxychlor | 201 | --- | 2944 | Chlorodibromomethane | 215 | <u>0.016</u> |
| 2020 | Toxaphene | 201 | --- | 2942 | Bromoform | 215 | <u>0.034</u> |
| 2105 | 2, 4-D | 203 | --- | 2950 | Total THM | 215 | <u>0.062</u> |
| 2110 | 2, 4, 5-TP | 203 | --- | | | | --- |

DATE RECEIVED 01-06-87 DATE ANALYZED 01-08-87 REPORTED BY E. Folk
 DATE EXTRACTED 01-08-87 DATE REPORTED 01-09-87 SAMPLE LAB 231-20-1

REMARKS:



3 37720
C. Lab. ID



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WATER-SYSTEM PERSONNEL TO COMPLETE ALL INFORMATION ABOVE HEAVY LINE

WATER SYSTEM INFORMATION

WATER SYSTEM ID# 04-67-042 TYPE OF SYSTEM:
 COMMUNITY NON-COMMUNITY

SYSTEM NAME: Marine Corps Air Station SOURCE OF WATER:
 GROUND BOTH

ADDRESS: Commanding General, Marine Corps SURFACE PURCHASED
Base Camp LeJeune ZIP 28542

COUNTY: Onslow TYPE OF TREATMENT:
 NONE LIME

REPORT TO: Facilities, NREAD CHLORINATED SODA ASH
 FLUORIDATED POLYPHOSPHATE

ADDRESS: Same as above FILTERED WATER SOFTNER
 ZIP ALUM OTHER

TELEPHONE: (919) 451-5977

SAMPLE INFORMATION

SOURCE OF SAMPLE TYPE OF SAMPLE
 DISTRIBUTION TAP HOUSE TAP D-REGULAR M-M.R.T.
 PLANT TAP WELL TAP C-CHECK S-SPECIAL

SAMPLING LOCATION (Address): G 520

DATE COLLECTED: 12-31-86 TIME COLLECTED: 11:12 am pm

COLLECTED BY: Environmental Chemist - LOC. CODE: 007
Micro Laboratory

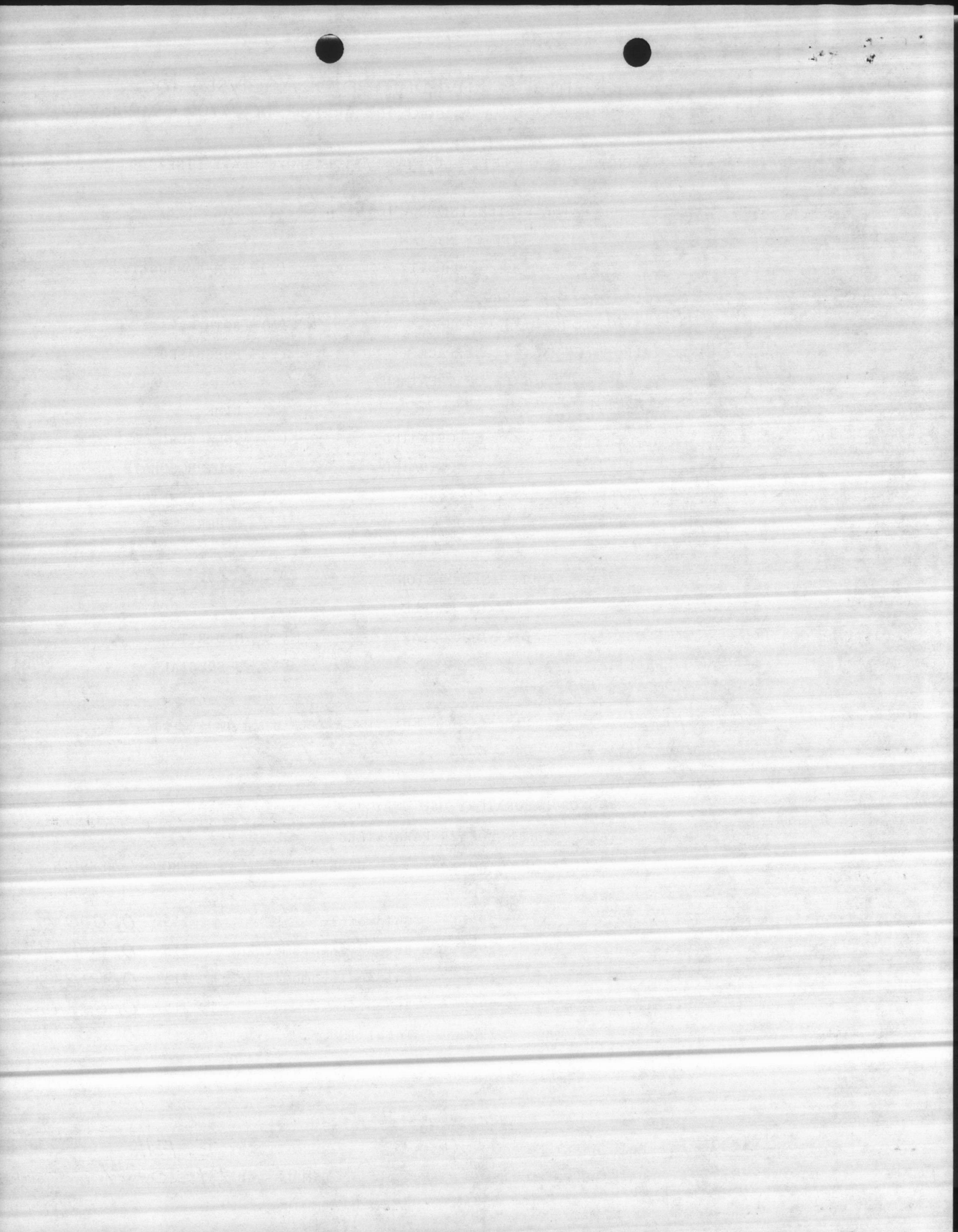
FOR LABORATORY USE ONLY

STATE DRINKING WATER PARAMETERS

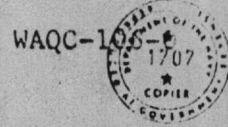
| CONTAMINANT ID | NAME | METHOD | RESULTS mg/l | CONTAMINANT ID | NAME | METHOD | RESULTS mg/l |
|----------------|--------------|--------|--------------|----------------|----------------------|--------|--------------|
| 2005 | Endrin | 201 | --- | 2941 | Chloroform | 215 | <u>0.008</u> |
| 2010 | Lindane | 201 | --- | 2943 | Bromodichloromethane | 215 | <u>0.013</u> |
| 2015 | Methoxychlor | 201 | --- | 2944 | Chlorodibromomethane | 215 | <u>0.028</u> |
| 2020 | Toxaphene | 201 | --- | 2942 | Bromoform | 215 | <u>0.048</u> |
| 2105 | 2, 4-D | 203 | --- | 2950 | Total THM | 215 | <u>0.097</u> |
| 2110 | 2, 4, 5-TP | 203 | --- | | | | |

DATE RECEIVED 01-06-87 DATE ANALYZED 01-08-87 REPORTED BY E. Folk
 DATE EXTRACTED 01-08-87 DATE REPORTED 01-09-87 SAMPLE LAB 231-20-7

REMARKS:



3 3 7 7 2 0



.C. Lab. ID
-9) (42-46)

ORGANIC CHEMICAL ANALYSES - PUBLIC WATER SYSTEM

Water System I.D. Number

Complete All Items Above Heavy Line

4 - 6 7 - 0 4 3
(1-7)

Name of System: HOLCOMB BLVD

Type of System:
 Community () Non-Community

Address: COMMANDING GENERAL, MARINE CORPS
BASE, CAMP LEJEUNE, NC Zip 28542

Source of Water:
 Ground () Both
() Surface () Purchased

County: ONslow
Report To: ATTN: FACILITIES ATTN: NREAD

Source of Sample:
() Distribution Tap () House Tap
 Plant Tap () Well Tap

Address: SAME AS ABOVE
Zip

Telephone Number: 919 (45) 451 - 5977

Type of Treatment:
() None Lime
 Chlorinated () Soda Ash
 Fluoridated () Polyphosphate
 Filtered Water Softener
() Alum () Other

Collected By: ENVIRONMENTAL CHEM. & MICRO. LABORATORY
Date Collected: 12 31 86 Time: 9:12 AM
MM DD YY (31-36) (38-41)

Location of Sampling Point: BLDG 670
(Address where sample was collected)
Loc. Code
(28-30)

Type of Sample: (37)
 D-Regular () M-M.R.T.
() C-Check () S-Special

| Mandatory Drinking Water Parameters (Required) | | | |
|--|-------------------|---------|--------------|
| Contaminant ID | Name | Method | Results Mg/l |
| 005 | Endrin | (14-16) | (17-21) |
| 010 | Lindane | | |
| 015 | Methoxychlor | | |
| 020 | Toxaphene | | |
| 105 | 2,4-D | | |
| 110 | 2,4,5-TP (Silvex) | | |
| | | | |
| | | | |

| Optional Parameters (List as needed) | | | |
|--------------------------------------|----------------------|---------|--------------|
| Contaminant ID | Name | Method | Results Mg/l |
| 2941 | chloroform | (14-16) | (17-21) |
| 2943 | Bromodichloromethane | 215 | 0.003 |
| 2944 | Chloroacetylene | 215 | 0.001 |
| 2942 | Bromoform | 215 | 0.001 |
| 2950 | THM | 215 | 0.015 |
| | | | |
| | | | |

Date Received 1-6-87 Date Reported 1-8-87 Reported By JMA

Date Extracted 1-8-87 Date Analyzed 1 9 87 Lab Number 231-20-5

Comments: ENCLOSURE (3)

