

GRAINGER LABORATORIES

INCORPORATED

ANALYTICAL AND CONSULTING CHEMISTS

709 West Johnson Street

Raleigh, North Carolina 27603

(919) 828-3360

ANALYTICAL LABORATORY

Environment Analysis
Construction Materials
Identification of Unknowns
Agriculture
Fuels
Textiles
Chemicals
Hazardous Waste

June 15, 1983
83-7405

Commanding General
Marine Corps Base
Camp Lejeune, N.C. 28542

Attention: AC/S Facilities

Subject: Analyses of Samples Received 5/31/83

Sample Identification: Purchase Order No. M67001-83-M-0181

37 Samples for Trihalomethane Analysis Identified as in "Results" Section.

CONSULTATION

Metallurgical Services
Pollution Abatement
Process Development
Quality Control
Methods Development
Special Investigation
Pesticides
RCRA

RESULTS

| <u>Sample</u> | <u>Chloroform</u> | <u>Bromodichloro- methane</u> | <u>Chlorodibromo- methane</u> | <u>Bromoform</u> | <u>Total Trihalo- methane</u> |
|---------------|---------------------|-----------------------------------|-----------------------------------|------------------|---------------------------------------|
| 363 | <1 | 2 | 4 | 6 | 12 |
| 364 | <1 | 1 | 3 | 5 | 9 |
| 365 | <1 | 1 | 4 | 5 | 10 |
| 366 | <1 | 1 | 3 | 4 | 8 |
| 367 | <1 | 1 | 3 | 5 | 9 |
| 368 | 1 | 3 | 3 | <1 | 7 |
| 369 | 1 | 2 | 2 | <1 | 5 |
| 370 | 2 | 4 | 3 | 2 | 11 |
| 371 | 2 | 3 | 3 | 1 | 9 |
| 372 | 1 | 3 | 3 | <1 | 7 |
| 373 | 2 | 6 | 15 | 25 | 48 |
| 374 | NO SAMPLE SUBMITTED | | | | |
| 375 | 2 | 7 | 23 | 52 | 84 |
| 376 | 3 | 10 | 30 | 66 | 109 |
| 377 | 7 | 19 | 47 | 66 | 139 |



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RESULTS
(Continued)

| <u>Sample</u> | <u>Chloroform</u> | <u>Bromodichloro- methane</u> | <u>Chlorodibromo- methane</u> | <u>Bromoform</u> | <u>Total Trihalo- methane</u> |
|---------------|---------------------|-----------------------------------|-----------------------------------|------------------|---------------------------------------|
| 378 | 10 | 6 | 3 | <1 | 19 |
| 379 | 14 | 8 | 5 | 1 | 28 |
| 380 | 16 | 9 | 5 | 1 | 31 |
| 381 | 15 | 9 | 5 | 1 | 30 |
| 382 | 15 | 9 | 5 | 1 | 30 |
| 383 | 34 | 12 | 4 | <1 | 50 |
| 384 | 37 | 13 | 4 | <1 | 54 |
| 385 | 35 | 14 | 4 | <1 | 53 |
| 386 | 46 | 17 | 5 | <1 | 68 |
| 387 | 38 | 14 | 4 | <1 | 56 |
| 388 | 16 | 9 | 4 | <1 | 29 |
| 389 | 34 | 16 | 7 | <1 | 57 |
| 390 | 17 | 9 | 4 | <1 | 30 |
| 391 | 17 | 10 | 5 | <1 | 32 |
| 392 | 21 | 12 | 6 | <1 | 39 |
| 393 | 23 | 7 | 2 | <1 | 32 |
| 394 | NO SAMPLE SUBMITTED | | | | |
| 395 | 27 | 8 | 1 | <1 | 36 |
| 396 | 42 | 12 | 2 | <1 | 56 |
| 397 | 26 | 2 | <1 | <1 | 28 |

CLW

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RESULTS
(Continued)

| Sample | Chloroform | Bromodichloro- methane | Chlorodibromo- methane | Bromoform | Total Trihalo- methane |
|--------|---------------------|---------------------------|---------------------------|-----------|------------------------------|
| 398 | 19 | 15* | 4 | <1 | 38** |
| 399 | NO SAMPLE SUBMITTED | | | | |
| 400 | 24 | 15* | 4 | <1 | 43** |
| 401 | 20 | 15* | 4 | <1 | 39** |
| 402 | 22 | 15* | 4 | <1 | 41** |

* Represents a probable upper limit on the Bromodichloromethane results. There is interference in this sample set.

** Represents a probable upper limit on the total Trihalomethane result.

NOTE: All results reported in micrograms per liter.
Analysis completed 6/10/83.



Bruce A. Babson
Laboratory Supervisor

BAB/ab
Customer #92400
cc: Elizabeth Betz

CLW

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TRIHALOMETHANE SAMPLING

MONTH: MAY
YEAR: 1983

SAMPLE # SAMPLE LOCATION

WTP: Tarawa Terrace Sampler: *LLP*

Date: 27 May 1983

TIME

| | | |
|-----|---|-------|
| 363 | Bldg STT-39A, Water Plant @ 1st Pump | 1402 |
| 364 | Bldg TT-60, TT Elem School I, Main Hall Men's Head Sink | 1416 |
| 365 | Bldg TT-48, TT Elem School II, Men's Head across Office | 1340 |
| 366 | Bldg TT-2453, TT Exchange gas Station's Ladies Room | 1356 |
| 367 | Bldg TT-35, Sewage Plant's Office Sink | 1347- |

WTP: Sampler: Date:

NOT COLLECT Bldg E-23, Sewage Lift Station, Knox Trailer Park

WTP: Montford Point Sampler: Date:

| | | |
|-----|---|------|
| 368 | Bldg M-178, Water Plant @ Sink faucet | 1310 |
| 369 | Bldg M-625, Steam Plant, Bathroom Sink | 1329 |
| 370 | Bldg M-128, Branch Clinic, Men's Head (If close to next door) | 1314 |
| 371 | Bldg M-136, Sewage Plant Sink | 1324 |
| 372 | Bldg M-231, BOQ, 1st floor Men's Head | 1319 |

WTP: New River Sampler: Date:

| | | |
|-----|--|--------|
| 373 | Bldg AS-110, Water Plant @ Pump | 1144 |
| 374 | Bldg G-520, Career Planner, 2nd floor Men's Room | locked |
| 375 | Bldg AS-4025, Barracks Rec Room, Bathroom Sink | 1154 |
| 376 | Bldg 710, Officer's Club Gally Sink | 1212 |
| 377 | Bldg 2800, Boat Marina Men's Room | 1204 |

WTP: Holcomb Blvd Sampler: Date:

| | | |
|-----|---|------|
| 378 | Bldg 670, Water Plant @ Pump | 1418 |
| 379 | Bldg 4022, Fire Station, Bathroom Sink | 1412 |
| 380 | Bldg 1915, Golf Course, Men's Locker Room | 1432 |
| 381 | Bldg 5400, Berkeley Manor Elem School, Main Hall Bathroom | 1403 |
| 382 | Bldg 2615, PP Officer's Club, Gally Dishwashing Sink | 1437 |

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37 Samples for Trihalomethane Analysis Identified as in "Results" Section.

CONSULTATION

Metallurgical Services
Pollution Abatement
Process Development
Quality Control
Methods Development
Special Investigation
Pesticides
RCRA

RESULTS

| <u>Sample</u> | <u>Chloroform</u> | <u>Bromodichloro- methane</u> | <u>Chlorodibromo- methane</u> | <u>Bromoform</u> | <u>Total Trihalo- methane</u> |
|---------------|---------------------|-----------------------------------|-----------------------------------|------------------|---------------------------------------|
| 363 | <1 | 2 | 4 | 6 | 12 |
| 364 | <1 | 1 | 3 | 5 | 9 |
| 365 | <1 | 1 | 4 | 5 | 10 |
| 366 | <1 | 1 | 3 | 4 | 8 |
| 367 | <1 | 1 | 3 | 5 | 9 |
| 368 | 1 | 3 | 3 | <1 | 7 |
| 369 | 1 | 2 | 2 | <1 | 5 |
| 370 | 2 | 4 | 3 | 2 | 11 |
| 371 | 2 | 3 | 3 | 1 | 9 |
| 372 | 1 | 3 | 3 | <1 | 7 |
| 373 | 2 | 6 | 15 | 25 | 48 |
| 374 | NO SAMPLE SUBMITTED | | | | |
| 375 | 2 | 7 | 23 | 52 | 84 |
| 376 | 3 | 10 | 30 | 66 | 109 |
| 377 | 7 | 19 | 47 | 66 | 139 |

CLW

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Commanding General
GLI 83-7405
June 15, 1983
Page 2

RESULTS
(Continued)

| <u>Sample</u> | <u>Chloroform</u> | <u>Bromodichloro- methane</u> | <u>Chlorodibromo- methane</u> | <u>Bromoform</u> | <u>Total Trihalo- methane</u> |
|---------------|---------------------|-----------------------------------|-----------------------------------|------------------|---------------------------------------|
| 378 | 10 | 6 | 3 | <1 | 19 |
| 379 | 14 | 8 | 5 | 1 | 28 |
| 380 | 16 | 9 | 5 | 1 | 31 |
| 381 | 15 | 9 | 5 | 1 | 30 |
| 382 | 15 | 9 | 5 | 1 | 30 |
| 383 | 34 | 12 | 4 | <1 | 50 |
| 384 | 37 | 13 | 4 | <1 | 54 |
| 385 | 35 | 14 | 4 | <1 | 53 |
| 386 | 46 | 17 | 5 | <1 | 68 |
| 387 | 38 | 14 | 4 | <1 | 56 |
| 388 | 16 | 9 | 4 | <1 | 29 |
| 389 | 34 | 16 | 7 | <1 | 57 |
| 390 | 17 | 9 | 4 | <1 | 30 |
| 391 | 17 | 10 | 5 | <1 | 32 |
| 392 | 21 | 12 | 6 | <1 | 39 |
| 393 | 23 | 7 | 2 | <1 | 32 |
| 394 | NO SAMPLE SUBMITTED | | | | |
| 395 | 27 | 8 | 1 | <1 | 36 |
| 396 | 42 | 12 | 2 | <1 | 56 |
| 397 | 26 | 2 | <1 | <1 | 28 |

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Commanding General
GLI 83-7405
June 15, 1983
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RESULTS
(Continued)

| <u>Sample</u> | <u>Chloroform</u> | <u>Bromodichloro- methane</u> | <u>Chlorodibromo- methane</u> | <u>Bromoform</u> | <u>Total Trihalo- methane</u> |
|---------------|---------------------|-----------------------------------|-----------------------------------|------------------|---------------------------------------|
| 398 | 19 | 15* | 4 | <1 | 38** |
| 399 | NO SAMPLE SUBMITTED | | | | |
| 400 | 24 | 15* | 4 | <1 | 43** |
| 401 | 20 | 15* | 4 | <1 | 39** |
| 402 | 22 | 15* | 4 | <1 | 41** |

* Represents a probable upper limit on the Bromodichloromethane results. There is interference in this sample set.

** Represents a probable upper limit on the total Trihalomethane result.

NOTE: All results reported in micrograms per liter.
Analysis completed 6/10/83.

Bruce A. Babson

Bruce A. Babson
Laboratory Supervisor

BAB/ab
Customer #92400
cc: Elizabeth Betz

CLW

0000006386

DD

THM Sampling Information

| Sample # | WTP | Date | Time | Point of Contact |
|----------|------|-----------|-------|------------------------------------|
| 363 A&B | TT* | 27 May 83 | 11:00 | Elizabeth A. Betz (919)451-5977 |
| 364 A&B | TT | 27 May 83 | 11:00 | |
| 365 A&B | TT | 27 May 83 | 11:00 | |
| 366 A&B | TT | 27 May 83 | 11:00 | |
| 367 A&B | TT | 27 May 83 | 11:00 | |
| 368 A&B | CJ* | 27 May 83 | 11:00 | |
| 369 A&B | CJ | 27 May 83 | 11:00 | |
| 370 A&B | CJ | 27 May 83 | 11:00 | |
| 371 A&B | CJ | 27 May 83 | 11:00 | |
| 372 A&B | CJ | 27 May 83 | 11:00 | |
| 373 A&B | NR* | 27 May 83 | 11:00 | |
| 374 A&B | NR | 27 May 83 | 11:00 | |
| 375 A&B | NR | 27 May 83 | 11:00 | |
| 376 A&B | NR | 27 May 83 | 11:00 | |
| 377 A&B | NR | 27 May 83 | 11:00 | |
| 378 A&B | HB* | 27 May 83 | 11:00 | |
| 379 A&B | HB | 27 May 83 | 11:00 | |
| 380 A&B | HB8 | 27 May 83 | 11:00 | |
| 381 A&B | HB | 27 May 83 | 11:00 | |
| 382 A&B | HB | 27 May 83 | 11:00 | |
| 383 A&B | RR* | 27 May 83 | 11:54 | |
| 384 A&B | RR | 27 May 83 | 11:57 | |
| 385AA&B | RR | 27 May 83 | 11:01 | |
| 386 A&B | RR | 27 May 83 | 11:01 | |
| 387 A&B6 | RR | 27 May 83 | 11:01 | |
| 388 A&B | CHB* | 27 May 83 | 11:02 | |
| 389 A&B | CHB | 27 May 83 | 11:06 | |
| 390 A&B | CHB | 27 May 83 | 11:06 | |
| 391 A&B | CHB | 27 May 83 | 11:07 | |
| 392 A&B | CHB | 27 May 83 | 11:13 | |
| 393 A&B | OB* | 27 May 83 | 11:52 | |
| 394 A&B | OB | 27 May 83 | 11:56 | |
| 395 A&B | OB | 27 May 83 | 11:56 | |
| 396 A&B | OB | 27 May 83 | 11:55 | |
| 397 A&B | OB | 27 May 83 | 11:40 | |
| 398 A&B | HP* | 27 May 83 | 11:50 | |
| 399 A&B | HP | 27 May 83 | 11:50 | |
| 400 A&B | HP | 27 May 83 | 11:55 | |
| 401 A&B | HP | 27 May 83 | 11:14 | |
| 402 A&B | HP | 27 May 83 | 11:25 | |

*--Not Required by SDWA

CLW

0000006387

THM Sampling Information

| Sample # | WTP | Date | Time | Point of Contact |
|----------|------|-----------|------|------------------------------------|
| 363 A&B | TT* | 27 May 83 | | Elizabeth A. Betz (919)451-5977 |
| 364 A&B | TT | 27 May 83 | | |
| 365 A&B | TT | 27 May 83 | | |
| 366 A&B | TT | 27 May 83 | | |
| 367 A&B | TT | 27 May 83 | | |
| 368 A&B | CJ* | 27 May 83 | | |
| 369 A&B | CJ | 27 May 83 | | |
| 370 A&B | CJ | 27 May 83 | | |
| 371 A&B | CJ | 27 May 83 | | |
| 372 A&B | CJ | 27 May 83 | | |
| 373 A&B | NR* | 27 May 83 | | |
| 374 A&B | NR | 27 May 83 | | |
| 375 A&B | NR | 27 May 83 | | |
| 376 A&B | NR | 27 May 83 | | |
| 377 A&B | NR | 27 May 83 | | |
| 378 A&B | HB* | 27 May 83 | | |
| 379 A&B | HB | 27 May 83 | | |
| 380 A&B | HB8 | 27 May 83 | | |
| 381 A&B | HB | 27 May 83 | | |
| 382 A&B | HB | 27 May 83 | | |
| 383 A&B | RR* | 27 May 83 | | |
| 384 A&B | RR | 27 May 83 | | |
| 385AA&B | RR | 27 May 83 | | |
| 386 A&B | RR | 27 May 83 | | |
| 387 A&B6 | RR | 27 May 83 | | |
| 388 A&B | CHB* | 27 May 83 | | |
| 389 A&B | CHB | 27 May 83 | | |
| 390 A&B | CHB | 27 May 83 | | |
| 391 A&B | CHB | 27 May 83 | | |
| 392 A&B | CHB | 27 May 83 | | |
| 393 A&B | OB* | 27 May 83 | | |
| 394 A&B | OB | 27 May 83 | | |
| 395 A&B | OB | 27 May 83 | | |
| 396 A&B | OB | 27 May 83 | | |
| 397 A&B | OB | 27 May 83 | | |
| 398 A&B | HP* | 27 May 83 | | |
| 399 A&B | HP | 27 May 83 | | |
| 400 A&B | HP | 27 May 83 | | |
| 401 A&B | HP | 27 May 83 | | |
| 402 A&B | HP | 27 May 83 | | |

*-Not Required by SDWA

CLW

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CLW

Memorandum

0000006389

DATE: 31 May 1983

FROM: Supervisory Chemist, Quality Control Lab, Environmental Branch, NREAB

TO: Director, NREAD

SUBJ: Inorganic Chemicals, Corrosivity, and Trihalomethane Analysis Information

Ref: (a) Rules Governing Public Water Supplies Sections .0600-.2500 of NCAG Title 10, Chapter 10, Subchapter 10D.

1. The Safe Drinking Water Act and Reference (a) requires that certain inorganic (anything not containing Carbon) chemicals be monitored. Analysis is required every three years for ground water systems. The chemicals that are required are listed below with their respective maximum allowable level.

| | | | | | |
|---------|----------|----------|----------|---------------|---------|
| Arsenic | 0.05ppm | Chromium | 0.05ppm | Nitrate(as N) | 10ppm |
| Barium | 1.0ppm | Lead | 0.05ppm | Selenium | 0.01ppm |
| Cadmium | 0.010ppm | Mercury | 0.002ppm | Silver | 0.05ppm |

Fluoride is also required but its maximum allowable level is based on the annual average of the maximum daily air temperature.

2. Iron is required by paragraph .1619 of Reference (a). Paragraph .1619 states that any community system with iron concentrations in excess of 0.30 mg/l shall provide approved treatment.
3. Manganese is required by paragraph .1620 of Reference (a). Paragraph .1620 states that any community system with manganese concentrations in excess of 0.05 mg/l shall provide approved treatment.
4. In February 1982, EPA and the State of North Carolina added Sodium to the list of inorganic chemicals for monitoring, however, no limit has been accepted. It was proposed, at one point, to set the limit at 20ppm.
5. Also in February 1982, EPA and the State of North Carolina added a regulation covering corrosion control. The regulation (paragraph .1621 of Reference (a)) requires all systems to analyze for corrosivity characteristics by February 1983. The Langelier Stability Index is a mathematical determination of the corrosivity of the water. A positive value indicates a tendency to form scale in the distribution system. A negative value indicates a tendency to dissolve scale and become corrosive. Along with the results, the regulations state that a summary of construction materials used in each distribution system must be provided.
6. Trihalomethanes are required to be analyzed quarterly for systems serving greater than 10,000 (Hadnot Point & MCAS-New River) by paragraph .1635 of Reference (a). The maximum allowable level of total trihalomethanes is 0.10ppm or 100ppbs as a running annual average.
7. In summary, the only level exceeding limits is iron in five systems. If the 20 ppm limit is ever accepted all but one system would be in non-compliance. We have four systems showing a slight tendency to be corrosive. As for Trihalomethanes, we have one system that is very close to the limit.

Elizabeth A. Bets
Elizabeth A. Bets, Supvy. Chem.

Charles E. Rundgren, Head
Water Supply Branch
Division of Health Services
P. O. Box 2091
Raleigh, NC 27602-2091

Dear Mr. Rundgren:

Enclosed is a table of results of Trihalomethane analysis conducted for the past year for all eight water treatment systems aboard Marine Corps Base, Camp Lejeune.

The sampling was done by personnel in the Quality Control Laboratory, State ID#37807, located in the Natural Resources and Environmental Affairs Division, under the Assistant Chief of Staff, Facilities. The laboratory analysis, method code 215, was performed by Grainger Laboratories Inc., State ID#37709, located in Raleigh, NC.

Five sample points per system were collected each day. Four were the required distribution points and one was taken at the beginning of the distribution system. During your conversation, on 5 May 1983, with Ms. Elizabeth Betz, of this command, you stated that samples from the beginning of the distribution systems were to be calculated in the averages. In compliance with that conversation, the fifth sample point result has been added with the other results for averaging.

For further information of Trihalomethanes at Camp Lejeune the point of contact is Ms. Elizabeth Betz, Supervisory Chemist, Quality Control Laboratory, telephone (919)451-5988.

Enclosure

Copy to:
LANTDIV (Code 114)
BMD, UTIL DIR
SUPVY CHEM

CLW
0000006390

TOTAL TRIHALOMETHANE ANALYSIS RESULTS

| System | ID# | Quarterly Averages units=ppb | | | | Annual Average |
|-----------------------------|-----------|------------------------------|-----------------|-----------------|------------------|-------------------|
| | | 1982 1982 Apr-Jun | 1982 Jul-Sep | 1982 Oct-Dec | 1983 Jan-Mar | |
| Hadnot Point ¹ | 04-67-041 | 29.7 | 43.7 | 48.4 | 44.8 | 41.57 |
| MCAS-New River ¹ | 04-67-042 | 85.9 | 105.2 | 107.4 | 98.2 | 99.17 |
| Holcomb Blvd ² | 04-67-043 | 31.1 | 24.0 | 31.4 | 31.8 | 29.57 |
| Tarawa Terrace ² | 04-67-044 | 14.1 | 19. | 13. | 19. | 16 |
| Camp Johnson ² | 04-67-045 | 7.20 | 5.8 | 8866 | 6.3 ³ | 6.97 |
| Rifle Range ² | 04-67-046 | 51.4 | 48.3 | 52.1 | 51.2 | 50.7 |
| Courthouse Bay ² | 04-67-047 | 45.0 | 42.6 | 45.4 | 40.4 | 43.35 |
| Onslow Beach ² | 04-67-048 | 51 | 38 | 37 | 44 ⁴ | 42 |

Notes

1. Hadnot Point and Marine Corps Air Station-New River systems serve populations between 10,000-74,999.
2. These systems serve populations less than 10,000.
3. In February 1983, one of the distribution sample points at Camp Johnson was secured. so only four points were averaged instead of the usual five.
4. In February, The Onslow Beach distribution points were secured. Therefore the only point collected was at the beginning of the distribution system.

Sample Dates

19 April 1982
 20 April 1982
 21 April 1982
 22 April 1982
 28 May 1982

 27 May 1982
 24 June 1982
 25 June 1982

 28 July 1982
 29 July 1982

 17 August 1982
 21 September 1982
 26 November 1982
 29 November 1982

 29 December 1982
 26 January 1983
 24 February 1983
 25 February 1983

Systems

Tarawa Terrace, Camp Johnson
 MCAS-New River, Holcomb Blvd
 Rifle Range, Courthouse Bay, Onslow Beach
 Hadnot Point
 Tarawa Terrace, Camp Johnson, MCAS-New River, Rifle Range, Courthouse Bay
 Holcomb Blvd, Onslow Beach, Hadnot Point,
 Tarawa Terrace, Camp Johnson
 MCAS-New River, Holcomb Blvd, Rifle Range, Courthouse Bay, Onslow Beach, Hadnot Point
 Tarawa Terrace, Hadnot Point
 Camp Johnson, MCAS-New River, Holcomb Blvd, Rifle Range, Courthouse Bay, Onslow Beach
 MCAS-New River, Rifle Range
 MCAS-New River, Rifle Range
 Holcomb Blvd, Hadnot Point
 Tarawa Terrace, Camp Johnson, MCAS-New River, Rifle Range, Courthouse Bay, Onslow Beach
 MCAS-New River, Rifle Range
 MCAS-New River, Rifle Range
 Tarawa Terrace, Camp Johnson
 MCAS-New River, Holcomb Blvd, Rifle Range, Courthouse Bay, Onslow Beach, Hadnot Point

CLW

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Enclosure

TRIHALOMETHANE SAMPLING

MONTH:
YEAR:

| SAMPLE## | SAMPLE LOCATION | TIME |
|--|---|------------------------------|
| WTP: Rifle Range Sampler: Date: | | |
| 383 | Bldg RR-85, Water Plant @ Finish Tap | 1054 |
| 384 | Bldg RR-6, Fire House Sink | 1057 |
| 385 | Bldg RR-10, Snack Bar Sink | 1117 |
| 386 | Bldg RR-200, Across from Target Shed | 1141 |
| 387 | Bldg RR-92, Sewage Plant Sink | 1103 |
| WTP: Courthouse Bay Sampler: Date: | | |
| 388 | Bldg BB-190, Water Plant @ Faucet | 1032 |
| 389 | Bldg BB-7, Mess Hall Sink | 1026 |
| 390 | Bldg BB-54, Service Club | 1030 |
| 391 | Bldg SBB-204, Sewage Plant Sink | 1019 |
| 392 | Bldg BB-46, Marina Bathroom Sink | 1013 |
| WTP: Onslow Beach Sampler: <i>N4F</i> Date: 5/27/83 | | |
| 393 | Bldg BA-138, Water Plant | 0952 |
| 394 | Bldg BA-103, Mess Hall | <i>closed for renovation</i> |
| 395 | Campsite #2, Spigot 10(Mainland) | 1056 |
| 396 | Campsite #1, Spigot 2(Beachside) | 0925 |
| 397 | Bldg SBA-142, Spigot at bottom of Pier | 0940 |
| WTP: Hadnot Point Sampler: Date: | | |
| 398 | Bldg20, Water Plant @ Pump | 1450 |
| 399 | Bldg NH-1, Emergency Room Sink | <i>locked</i> |
| 400 | Bldg 1202, Men's Room Sink | 1505 |
| 401 | Bldg 65, Quality Control Lab, Room 220 Sink | 1514 |
| 402 | Bldg FC-530, Laundry Room Sink, 1st floor | 1458 |

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