

0150

ATKINER 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

December 9, 1982
82-5600

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

Attention: AC/S Facilities

Subject: Analysis of samples received 12/2/82

Sample Identification:

For sample identification and results, see attached pages.

CONSULTATION

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

Bruce A. Babson
Chemist

BAB/cja
Customer #92400
cc: Elizabeth Betz

CLW

0000000691



RESULTS

| | <u>form</u> | <u>Bromodichloro- methane</u> | <u>Chlorodibromo- methane</u> | <u>Bromoform</u> | <u>Total Trihalo- methane</u> |
|----------------|-------------|-----------------------------------|-----------------------------------|------------------|---------------------------------------|
| | 4 | 2 | <5 | 4 | <15 |
| | 1 | 1 | <5 | 2 | <9 |
| 263 | 2 | 2 | <5 | 5 | <14 |
| *264 | 2 | 2 | <5 | 4 | <13 |
| *265 | 1 | 2 | <5 | 4 | <12 |
| 266 | 3 | 3 | 3 | <1 | 9 |
| 267 | 4 | 2 | 2 | <1 | 8 |
| 268 | 3 | 2 | 3 | <1 | 8 |
| 269 | 3 | 3 | 3 | <1 | 9 |
| 270 | 3 | 3 | 3 | <1 | 9 |
| 271 | 4 | 8 | 18 | 19 | 49 |
| 271 | 7 | 21 | 48 | 51 | 127 |
| 272 | 6 | 17 | 40 | 50 | 113 |
| 273 | 5 | 15 | 34 | 37 | 91 |
| 274 | 7 | 21 | 48 | 49 | 125 |
| 276 | 15 | 6 | 2 | <1 | 23 |
| 277 | 17 | 7 | 3 | <1 | 27 |
| 278 | 20 | 9 | 4 | <1 | 33 |
| 279 | 28 | 10 | 5 | <1 | 43 |
| 280 | 20 | 8 | 3 | <1 | 31 |
| 281 | 36 | 12 | 4 | <1 | 52 |
| 282 | 34 | 12 | 4 | <1 | 50 |
| 283 | 37 | 13 | 4 | <1 | 54 |
| 284 | 40 | 13 | 4 | <1 | 57 |
| 285 | 35 | 12 | 4 | <1 | 52 |

GLW

0000000692

RESULTS
(con't)

| Sample | Chloroform | Bromodichloro- methane | Chlorodibromo- methane | Bromoform | Total Trihalo- methane |
|--------|------------|---------------------------|---------------------------|-----------|------------------------------|
| 286 | 21 | 11 | 5 | <1 | 37 |
| 287 | 21 | 11 | 5 | <1 | 37 |
| 288 | 21 | 11 | 4 | <1 | 36 |
| 289 | 26 | 13 | 5 | <1 | 44 |
| 290 | 45 | 20 | 8 | <1 | 73 |
| 291 | 20 | 5 | 2 | <1 | 27 |
| 292 | 28 | 3 | 1 | <1 | 32 |
| 293 | 32 | 7 | 1 | <1 | 40 |
| 294 | 38 | 5 | 1 | <1 | 44 |
| 295 | 37 | 3 | <1 | <1 | 40 |
| **296 | 20 | <20 | <5 | <1 | <45 |
| **297 | 22 | <20 | <5 | <1 | <42 |
| **298 | 29 | <20 | <5 | <1 | <54 |
| **299 | 20 | <20 | <5 | <1 | <45 |
| **300 | 28 | <30 | <5 | <1 | <53 |

*All samples from this site show contamination from Tetrachloroethylene. This compound interferes with the determination of Chlorodibromomethane. The reported value represents a probable maximum on the level of this trihalomethane.

**All samples from this site show contamination from Trichloroethylene and Tetrachloroethylene. These compounds interfere with the determinations for both Bromodichloromethane and Chlorodibromomethane. The reported values represent a probable maximum on the levels of these two trihalomethanes.

CLW

NOTE: All results reported in micrograms per liter.
Analysis completed 12/8/82.

0000000693