



Industrial & Environmental Analysts, Inc.

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October 2, 1985

Natural Resources  
Camp Lejeune  
Building 1103, MCB  
Camp Lejeune, NC 28542

Reference: IEA Report No. 304-3

Dear Mr. Silence:

Transmitted herewith are the results of analyses on seventeen samples submitted to our laboratory on September 20, 1985.

		<u>1204</u>	<u>1325</u>	<u>1401</u>	<u>1415</u>	<u>1425</u>	<u>1432</u>
Chloroform	µg/L	16	8.6	12	13	10	11
Bromoichloromethane	µg/L	8.7	7.8	18	17	15	19
Dibromochloromethane	µg/L	5.3	14	34	33	29	35
Bromoform	µg/L	2.6	11	22	23	20	22
Total THM	µg/L	33	41	86	86	74	87

Please see the attached sheets for further results.

Very truly yours,

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.

Joseph B. Adamovic  
Senior Chemist

JBA/sbm

Enclosure

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		Pure Still A	Pure Still B
Copper	mg/L	< 0.02	< 0.02
Nickel	mg/L	< 0.025	< 0.025
Zinc	mg/L	< 0.01	< 0.01
Cadmium	mg/L	< 0.01	< 0.01
Chromium	mg/L	< 0.03	< 0.03
Lead	mg/L	< 0.005	< 0.005

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		<u>HP</u> <u>1150</u>	<u>CHS</u> <u>1232</u>	<u>As</u> <u>1325</u>	<u>F</u> <u>1507</u>	<u>Hg</u> <u>0850</u>	<u>Pb</u> <u>1258</u>	<u>Cd</u> <u>1450</u>	<u>Se</u> <u>1223</u>
Fluoride	mg/L	1.0	0.11	0.84	1.4	1.0	0.1	0.16	0.16
Nitrate as N	mg/L	1.3	< 1.0	1.2	1.0	1.3	1.2	1.0	< 1.0
pH		8.4	8.3	8.4	8.6	8.6	8.3	7.3	7.7
Arsenic	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Barium	mg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Cadmium	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chromium	mg/L	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Lead	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Mercury	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Silver	mg/L	< 0.05	< 0.05	< 0.05	> 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Iron	mg/L	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Manganese	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

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WATER QUALITY CONTROL LABORATORY'S  
SAMPLING INFORMATION

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LOCATIONS

THM's

	DATE	TIME	COLLECTOR
1. BLDG AS-110 WATER PLANT	9/18/85	1325	THB, H
2. BLDG G-520 CAREER PLANNER 2ND FLR MEN'S HEAD	9/18/85	1432	THB, H
3. BLDG AS-4025 BARRACKS REC ROOM BATHROOM SINK	9/18/85	1401	THB, H
4. BLDG AS-710 OFFICER'S CLUB	9/18/85	1425	THB, H
5. BLDG AS-2800 MARINA ANNEK	9/18/85	1415	THB, H
6. BLDG FC-530, LAUNDRY RM SINK	9/18/85	1204	THB, H

INORGANICS (1 NITRIC ACID · 1 PLAIN)

1. BLDG 20, HP PLANT	9/18/85	1150	THB, H
2. BLDG 670, HB PLANT	9/18/85	0850	H
3. BLDG TT-39 TT PLANT	9/18/85	1507	THB, H
4. BLDG M-178 CI PLANT	9/18/85	1450	THB, H
5. BLDG AS-110 MCAS PLANT	9/18/85	1325	THB, H
6. BLDG RR-85 RR PLANT	9/18/85	1258	THB, H
7. BLDG BB-190 CHB PLANT	9/18/85	1232	THB, H
8. BLDG BA-138 OB PLANT	9/18/85	1223	THB, H

1. 6-LITER STILL
2. 3-LITER STILL

9/18/85 1120