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# GRAINGER LABORATORIES

INCORPORATED

ANALYTICAL AND CONSULTING CHEMISTS

709 West Johnson Street

Raleigh, North Carolina 27603

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*BWD*

## ANALYTICAL LABORATORY

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

August 11, 1982  
82-4488

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

## CONSULTATION

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

Attention: AC/S Facilities

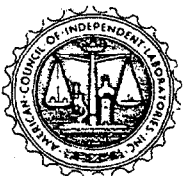
Subject: Analyses of samples received 8/2/82

### Sample Identification:

	<u>Date</u>	<u>Sample #</u>	<u>WTP</u>	<u>Time</u>
1.	July 28, 1982	165 A&B*	TT	1005
2.	July 28, 1982	166 A&B	TT	0955
3.	July 28, 1982	167 A&B	TT	1030
4.	July 28, 1982	168 A&B	TT	1013
5.	July 28, 1982	169 A&B	TT	1020
6.	July 29, 1982	171 A&B	MP	1227
7.	July 29, 1982	172 A&B	MP	1257
8.	July 29, 1982	173 A&B	MP	1235
9.	July 29, 1982	174 A&B	MP	1250
10.	July 29, 1982	175 A&B	MP	1240
11.	July 29, 1982	176 A&B*	NR	1110
12.	July 29, 1982	177 A&B	NR	1209
13.	July 29, 1982	178 A&B	NR	1122
14.	July 29, 1982	179 A&B	NR	1145
15.	July 29, 1982	180 A&B	NR	1135
16.	July 29, 1982	181 A&B*	HB	1337
17.	July 29, 1982	182 A&B	HB	1345
18.	July 29, 1982	183 A&B	HB	1356
19.	July 29, 1982	184 A&B	HB	1415
20.	July 29, 1982	185 A&B	HB	1404
21.	July 29, 1982	186 A&B*	RR	1019

**CLW**

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Sample Identification  
 (Continued)

22. July 29, 1982	187 A&B	RR	1023
23. July 29, 1982	188 A&B	RR	1047
24. July 29, 1982	189 A&B	RR	1030
25. July 29, 1982	190 A&B	RR	1040
26. July 29, 1982	191 A&B*	CHB	1000
27. July 29, 1982	192 A&B	CHB	0941
28. July 29, 1982	193 A&B	CHB	0954
29. July 29, 1982	194 A&B	CHB	0948
30. July 29, 1982	195 A&B	CHB	0936
31. July 29, 1982	196 A&B*	OB	0907
32. July 29, 1982	197 A&B	OB	0848
33. July 29, 1982	198 A&B	OB	0912
34. July 29, 1982	199 A&B	OB	0840
35. July 29, 1982	200 A&B	OB	0856
36. July 28, 1982	201 A&B*	HP	1100
37. July 28, 1982	202 A&B	HP	1413
38. July 28, 1982	203 A&B	HP	1347
39. July 28, 1982	204 A&B	HP	1425
40. July 28, 1982	205 A&B	HP	1358

\* Sample point not required by SDWA

RESULTS

<u>Sample</u>	<u>Chloroform</u>	<u>Bromodichloro- Methane</u>	<u>Chlorodibromo- methane</u>	<u>Bromoform</u>	<u>Total Trihalo- methane</u>
1	<1	3	4	2	9
2	<1	6	9	5	20
3	<1	5	8	4	17
4	4	11	16	8	39
5	<1	3	4	2	9

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RESULTS  
 (cont.)

6	1	3	3	1	8
7	<1	2	1	<1	3
8	1	3	3	1	8
9	<1	2	1	<1	3
10	<1	3	3	1	7
11	1	9	25	29	64
12	7	25	54	40	126
13	3	14	39	38	94
14	2	13	38	41	94
15	6	24	60	45	135
16	3	6	5	2	16
17	6	8	7	2	23
18	10	10	8	2	30
19	7	8	7	3	25
20	7	9	8	2	26
21	26	12	5	<1	43
22	26	12	5	<1	43
23	29	13	5	<1	47
24	33	16	7	<1	56
25	25	12	5	<1	42
26	24	9	3	<1	36
27	23	8	3	<1	34
28	25	9	3	<1	37
29	20	12	7	<1	39
30	47	15	5	<1	67
*31	8	2	1	<1	11
32	34	9	2	<1	45
33	30	7	1	<1	38
34	35	9	2	<1	46
35	38	10	2	<1	50

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<u>RESULTS</u> (cont.)					
36	16	20**	5	<1	41***
37	19	20**	6	<1	45***
38	17	20**	5	<1	42***
39	17	20**	5	<1	42***
40	21	20**	6	<1	47***

\* Both Duplicates contained large air bubbles.

\*\* Represents an upper limit on the Bromodichloromethane level.

\*\*\* Represents an upper limit on the total Trihalomithane Level.

NOTE: All results reported in micrograms per liter.  
Analyses completed 8/10/82.

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WPB/ab  
Customer #92400

cc: Attn: Elizabeth Batz, NREAB, OC Lab, Commanding General,  
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