

6280
NREAD
7 Nov 1984

From: Commanding General, Marine Corps Base, Camp Lejeune
To: Commanding General, 2d Force Service Support Group (Attn:
Hazardous Material Disposal Coordinator Engineer Support
Office (SSgt Lamm)), Fleet Marine Force, Atlantic, Camp
Lejeune

Subj: SOLVENT TANK AT 900 AREA

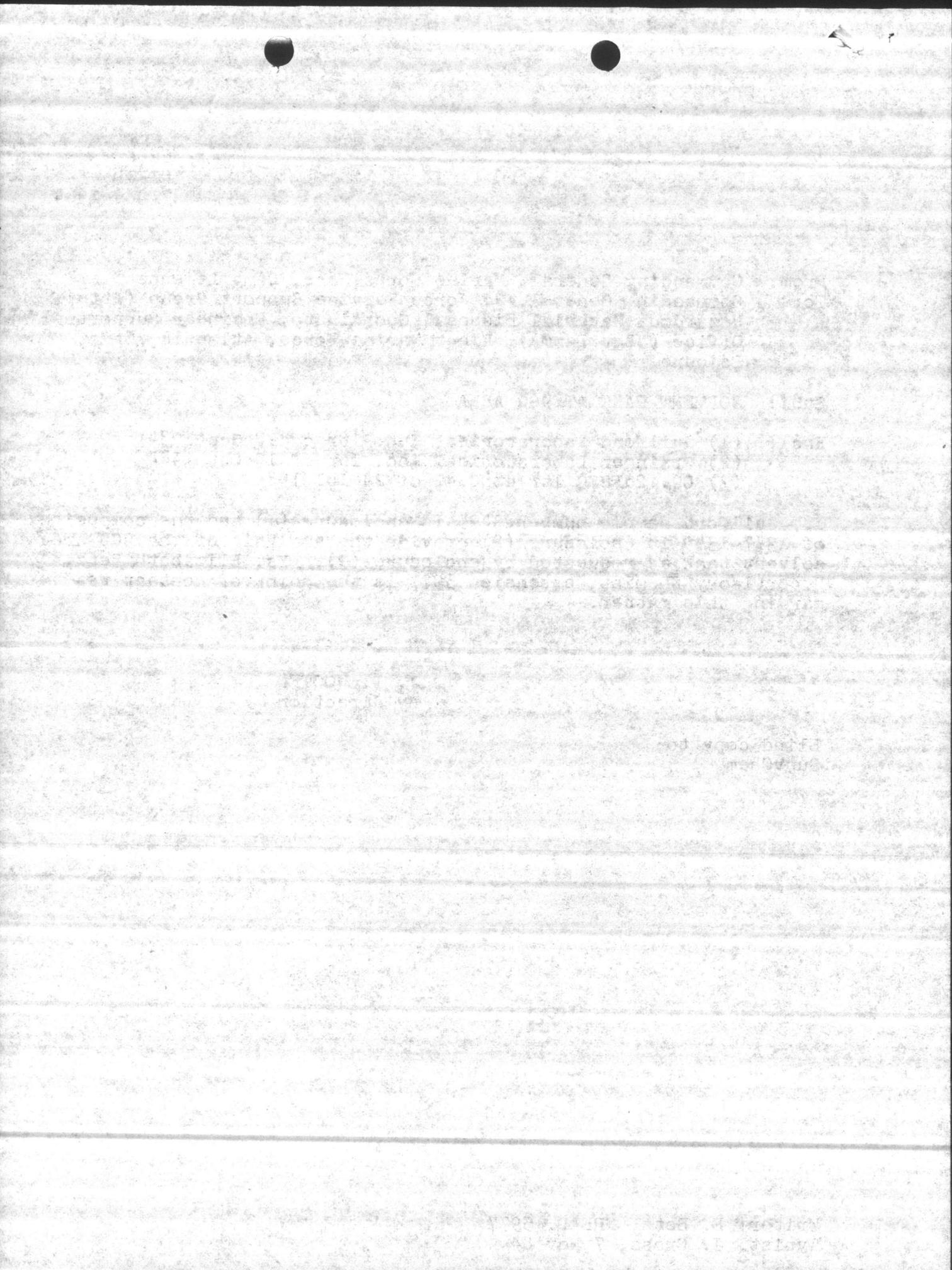
Encl: (1) Guilford Laboratories, Inc. ltr of 28 Sep 1984
(2) Grainger Laboratories, Inc. ltr of 19 Oct 1984
(3) CG, 2dFSSG ltr 6280 42 of 24 Jul 1984

1. Guilford sample number 3435 in enclosure (1) and the composite of 1347-1349 in enclosure (2) provide the analysis of the 900 area solvent tank as requested by enclosure (3). Ms. Elizabeth Betz, Supervisory Chemist, extension 5977 is the point of contact regarding this matter.

J. I. WOOTEN
By direction

Blind copy to:
SupvChem

Writer: E. Betz, NREAD, 5977
Typist: J. Cross, 7 Nov 84





GUILFORD LABORATORIES, INC.

P.O. Box 9735/Plaza Station/Greensboro, N.C. 27408

28 SEPTEMBER 1984

REPORT OF ANALYSIS

JOB#: USMC40911

CUSTOMER: U.S. MARINE CORPS

SAMPLES: ~~#3432 COMPOSITE OF #17, #18, #19, & #20~~
~~#3433 COMPOSITE OF #21, #22, #23, & #24~~
~~#3434 COMPOSITE OF #25, #26, #27, & #28~~
#3435 COMPOSITE OF #29, #30, & #31

RESULTS

	#3432	#3433	#3434	<u>#3435</u>
% WATER	1.9	2.6	4.9	1.4
FLASH POINT(PMCC, DEG F)	132.0	135.0	106.0	119.0
BTU/GAL	11089.61	123148.32	110976.13	127220.64
% SEDIMENT	0.37	1.31	0.92	0.31
SAYBOLT VISCOSITY(SSU @ 100)	72.5	119.5	161.2	62.0
(SSU @ 210)	195.0	46.1	91.2	60.5
API GRAVITY	42.55	36.75	35.36	52.74
% SULFUR	0.43	0.52	0.52	0.037
REACTIVITY	NR	NR	NR	NR
CORROSIVITY	7.64	7.19	7.25	6.19

NR - NON REACTIVE



GUILFORD LABORATORIES, INC.

P.O. Box 9735/Plaza Station/Greensboro, N.C. 27408

EP TOXICITY (LEACHABLE METALS)

	<u>#3432</u>	<u>#3433</u>	<u>#3434</u>	<u>#3435</u>
ARSENIC (ppm)	<0.001	<0.001	<0.001	<0.001
BARIUM (ppm)	<0.01	<0.01	<0.01	<0.01
CADMIUM (ppm)	0.243	0.166	0.188	0.512
CHROMIUM (ppm)	0.146	0.067	0.030	0.079
LEAD (ppm)	1.62	1.08	0.86	0.61
MERCURY (ppm)	<0.001	<0.001	<0.001	<0.001
SELENIUM (ppm)	<0.001	<0.001	<0.001	<0.001
SILVER (ppm)	0.125	0.110	0.118	0.103
METHYLENE CHLORIDE (ppm)	105.3	7.02	<1.0	<1.0
XYLENES (ppm)	163.7	136.5	109.1	59.3
TETRACHLOROETHYLENE (ppm)	11.8	215.2	10.5	<1.0
TRICHLOROETHYLENE (ppm)	38.4	404.4	515.5	12.4
1,1,1 TRICHLOROETHANE (ppm)	145.9	125.2	17.1	2.2
ACETONE (ppm)	<3.0	<3.0	<3.0	<3.0
TOLUENE (ppm)	209.5	444.4	244.0	60.8
METHYL ETHYL KETONE (ppm)	64.4	56.1	93.8	<5.0
1,1 DICHLOROETHANE (ppm)	<1.0	<1.0	<1.0	3870.0
PHENOLS (ppm)	<0.5	<0.5	<0.5	<0.5

GUILFORD LABORATORIES, INC.

J.A. Rayburn
SR

J.A. RAYBURN

UNIVERSITY OF NORTH CAROLINA

1971	1972	1973	1974
100.0	100.0	100.0	100.0
10.0	10.0	10.0	10.0
0.512	0.512	0.512	0.512
0.078	0.078	0.078	0.078
13.0	13.0	13.0	13.0
0.61	0.61	0.61	0.61
<0.001	<0.001	<0.001	<0.001
0.001	0.001	0.001	0.001
1.0	1.0	1.0	1.0
2.0	2.0	2.0	2.0
3.0	3.0	3.0	3.0
4.0	4.0	4.0	4.0
5.0	5.0	5.0	5.0
6.0	6.0	6.0	6.0
7.0	7.0	7.0	7.0
8.0	8.0	8.0	8.0
9.0	9.0	9.0	9.0
10.0	10.0	10.0	10.0



October 19, 1984
GLI #85-1014

**Grainger
Laboratories
Incorporated**

Analytical and
Consulting Chemists

500 Commercial Avenue
Raleigh, NC 27612
(919) 787-3061

1040 Greenfield Street
Wilmington, NC 28402
(919) 763-9793

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Special Investigation

Certifications

SDWA
NPDES
USDA
USEPA

Quality Control Lab, USMCB
Attn: Ms. Elizabeth Betz, Supervisor
NREAD, Building 1103
Camp Lejeune, North Carolina 28542

Subject: Analyses of Samples Received 10/2/84

RESULTS

<u>Sample Identification</u>	<u>Total Aroclors, µg/g</u>
1. Composite of 1335 thru 1338	<4.0*
2. Composite of 1339 thru 1342	<4.0*
3. Composite of 1343 thru 1346	<4.0*
4. Composite of 1347 thru 1349	<1.0
5. Composite of 1358 thru 1363	<1.0
6. Composite of 1364 thru 1369	<1.0
7. Composite of 1370 thru 1375	<1.0
8. Composite of 1376 thru 1381	<1.0
9. Composite of 1382 thru 1387	<1.0
10. Composite of 1388 thru 1393	<1.0
11. Composite of 1394 thru 1398	<1.0
12. Composite of 1399 thru 1404	<1.0

* Note: Due to sample matrix interferences, the detection limit for these samples was raised.

Edgar E. Folk, IV
Edgar E. Folk, IV
G.C. Laboratory Manager

EEF:ps



UNITED STATES MARINE CORPS
Marine Corps Base
Camp Lejeune, North Carolina 28542

6280/2

FAC
27 JUL 1984

From: Assistant Chief of Staff, Facilities, Marine Corps Base,
Camp Lejeune

To: Director, Natural Resources and Environmental Affairs
Division

Subj: ANALYSIS OF HAZARDOUS MATERIAL SAMPLE

Encl: (1) CG, 2d FSSG ltr 6280 42 dtd 24 Jul 84

1. The enclosure is forwarded for your action. Analyze liquid and provide results to this office by 3 August 1984 in order that we may respond.


J. G. FITZGERALD
By direction

UNITED STATES MARINE CORPS
MARINE CORPS BASE
1000 1000 1000 1000

25 JUL 1964

Assistant Chief of Staff, Facilities, Marine Corps Base
Director, Technical Resources and Environmental Affairs
Division

ANALYSIS OF HABITAT SAMPLES

CG 50 5000 101 6500 45 610 24 JUL 64

Analysis of your report for your report. Analysis provided
to you by the Division in order to assist you in your

[Handwritten signature]
101 5000 101 6500 45 610 24 JUL 64
by Division



UNITED STATES MARINE CORPS
2D FORCE SERVICE SUPPORT GROUP (REIN)
FLEET MARINE FORCE, ATLANTIC
CAMP LEJEUNE, NORTH CAROLINA 28542

IN REPLY REFER TO
6280
42
24 Jul 1984

From: Commanding General
To: Commanding General, Marine Corps Base, Camp Lejeune NC
(Attn: Assistant Chief of Staff, Facilities)
Subj: ANALYSIS OF HAZARDOUS MATERIAL SAMPLE; REQUEST FOR
Ref: (a) Fonecon between Mr. Ken JOLLY (Base Environmentist) and
Cpl OLIVERI (2d FSSG, Safety Office) on 20 Jul 1984

1. It is requested that a sample of liquid hazardous material, located at Bldg 902, be analyzed. The material concerned is of an undetermined origin and may be lethal and toxic. During the course of the reference, it was determined that exigent action is required to eliminate this hazard by analyzing and determining its origin so it can be disposed of properly.

2. Point of contact at Bldg 901 is Sgt BURKE at ext 1484. Point of contact at this headquarters is SSgt LAMM or Cpl OLIVERI at ext 3456/1042.

D. A. Cerveny
D. A. CERVENY
By direction

Copy to:
CO, 2d MaintBn

0320
42
24 Jul 1988

Request for information regarding the activities of the Marine Corps (MARPAC) and the Marine Corps Air Station (MCAS) at Camp Lejeune, NC.

Request for information regarding the activities of the Marine Corps (MARPAC) and the Marine Corps Air Station (MCAS) at Camp Lejeune, NC. This request is being made in connection with the ongoing investigation of the activities of the Marine Corps (MARPAC) and the Marine Corps Air Station (MCAS) at Camp Lejeune, NC.

The information requested is being provided to you for your information and use. The information requested is being provided to you for your information and use. The information requested is being provided to you for your information and use.

The information requested is being provided to you for your information and use. The information requested is being provided to you for your information and use. The information requested is being provided to you for your information and use.

Approved for release
BY DISSEMINATION