1985

6241/1
NREAD(L)
DEC 05 1986

From: Commanding General, Marine Corps Base, Camp Lejeune
To: Defense Reutilization and Marketing Officer, Marine Corps Base, Camp Lejeune

Subj: LABORATORY ANALYSIS OF HAZARDOUS MATERIAL; RESULTS OF

Ref: (a) BO 6240.5

Encl: (1) Excerpts from JTC Environmental Consultants, Inc. Report No. 54 dated 28 June 1985
(2) Hazardous Waste Characteristic Analysis of Barrels at FC-251

1. Enclosure (1) and (2) show that the two barrels located at FC-251 area a corrosive liquid with toxic levels of metals. It is recommended that the barrels be disposed of as a D002 Hazardous Waste (HW) per the reference. The secondary HW numbers shown in enclosure (2) should also be shown on turn in documents and labels.

2. Point of contact is Ms. Elizabeth Betz, at extension 5977.

J. I. WOOTEN
By direction

Copy to:
2d FSSG (Facilities & Safety Office)
AC/S Fac
Blind copy to:
Lab (NREAD)

EXCERPTS FROM JTC ENVIRONMENTAL CONSULTANTS, INC.
REPORT NO. 54, DATED 28 JUNE 1985

COMPILED BY ELIZABETH A. BETZ
7 AUGUST 1985

Please note the following:

a. Navy sample ID #27H and 27I are two 55-gallon drums at Bldg 251. The barrels were labelled with H and I when they were sampled.

(ENCLOSURE 1)

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 1 Date of Sample Receipt 3/28/85 & 5/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		pH (Corrosivity)	Flashpoint °F	Reactivity		PCB µg/g			
				Cyanide ppm	Sulfide ppm				
3A Bldg HP100	12-0920	7.18	< 85	0.9	< 1	< 1			
3B Bldg HP100	12-0921	6.55	< 85	< 1.0	< 1	< 1			
7H Bldg 251	12-0922	1.52	> 200	0.02	< 0.1	< 1			
7I Bldg 251	12-0923	< 1.0	> 200	0.03	< 0.1	< 5			
8J Landfill (composite)	12-0924	6.32	> 200	< 0.10	1.0	< 5			
8K Landfill (composite)	12-0925								
8L Landfill (composite)	12-0926								
29 Bldg TP457	12-0927	< 1.0	153	< 0.05	< 0.1	< 1			
30 Bldg TP457	12-0928	4.89	< 85	< 0.05	< 0.2	< 10			
31 Bldg TP457	12-0929	5.25	< 85	< 0.05	< 0.5	< 10			
20 Bldg TP451	12-0930	9.56	< 85	< 1.0	< 0.5	< 10			
2P Bldg TP451	12-0931	6.85	< 85	6.2	< 1	0.05 µg/ml			
2Q Bldg TP451	12-0932	6.91	< 85	< 1.0	< 0.5	< 0.1 µg/ml			

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 5 Date of Sample Receipt 3/28/85 & 5/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		As	Ba	Cd	Cr	Pb	Hg	Se	Ag
3A Bldg HP100	12-0920	<1.0 mg/kg	<20 mg/kg	22.6 mg/kg	1.6 mg/kg	148 mg/kg	0.18 mg/kg	1.5 mg/kg	<1.0
3B Bldg HP100	12-0921	<1.0 mg/kg	<20 mg/kg	4.8 mg/kg	1.4 mg/kg	0.8 mg/kg	<0.10 mg/kg	2.2 mg/kg	<1.0
[illegible] Bldg 251	12-0922	<50 ug/L	1170 ug/L	2440 ug/L	65 ug/L	9850 ug/L	<1.0 ug/L	141 ug/L	<50
7I Bldg 251	12-0923	290 ug/L	<1000 ug/L	680 ug/L	13,100 ug/L	3,120 ug/L	<1.0 ug/L	1960 ug/L	<50
8J Landfill	composite 12-0924	2.3 mg/kg	<20 mg/kg	<0.50 mg/kg	2.3 mg/kg	4.5 mg/kg	<0.10 mg/kg	<0.40 mg/kg	<1.0
8K Landfill	12-0925								
8L Landfill	12-0926								
9 Bldg TP457	12-0927	*	*	*	*	*	*	*	*
0 Bldg TP457	12-0928	<50 ug/L	7800 ug/L	<25 ug/L	<50 ug/L	62.5 ug/L	22 ug/L	<20 ug/L	<50
1 Bldg TP457	12-0929	<50 ug/L	3130 ug/L	<25 ug/L	185 ug/L	21 ug/L	<1.0 ug/L	<20 ug/L	<50
20 Bldg TP451	12-0930	+	+	+	+	+	1925	+	+
2P Bldg TP451	12-0931	<50 ug/L	1295 ug/L	<25 ug/L	63,600 ug/L	6250 ug/L	3.7 ug/L	<20 ug/L	<50
[illegible] Bldg TP451	12-0932	<50 ug/L	1535 ug/L	130 ug/L	93,900 ug/L	40,200 ug/L	7.9 ug/L	<20 ug/L	<50

* sample depleted

\+ sample requires redigestion prior to completion of analysis

CHARACTERISTICS	SAMPLE #27H	SAMPLE #27I	SAMPLE #86-	SAMPLE #86-0	SAMPLE #86-0	SAMPLE #86-	SAMPLE #86-	SAMPLE #86-
Corrosivity: pH	CORROSIVE 1.52	CORROSIVE <1.0						
Ignitability: Flash Point (140°F)	>200°F	>200°F						
Reactivity	mg/L	mg/L						
Cyanide (250mg /kg)	0.02	0.03						
Sulfide (500mg /kg)	<0.1	<0.1						
Toxcity-Limits	mg/L	mg/L						
As (5 ppm)	<0.05	0.290						
Ba (100 ppm)	1.17	<1.0						
Cd (1 ppm)	2.44	0.68						
Cr (5 ppm)	0.065	13.1						
Pb (5 ppm)	9.85	3.12						
Hg (0.2 ppm)	<0.001	<0.001						
Se (1.0 ppm)	0.141	1.94						
Ag (5 ppm)	<0.05	<0.05						
PCB mg/9	<1	<5						
Total Organic Halogen %	NOT TESTED →							
Recommended EPA Hazardous Waste ID#	D002	D002						
Comments: Secondary EPA Hazardous Waste ID #'s which should be shown	D006 D008	D007 D010						

Prepared by: Elizabeth Betz

Date: 21 Nov 86

ENCLOSURE (2)

9 Aug 85

6240/2
NREAD
9 AUG 85

From: Commanding General, Marine Corps Base, Camp Lejeune
To: Commanding General, 2d Force Service Support Group, (Attn: EngrSPT), Camp Lejeune

Subj: REQUEST FOR ANALYSIS

Ref: (a) CO 2dANGLICO ltr 4400 S-4 of 14 Feb 1985
(b) BO 6240.5

Encl: (1) Excerpts from JTC Environmental Consultants, Inc. Report No. 54 dated 28 June 1985

1. The enclosure is forwarded as requested by the endorsement to reference (a). The information is required to turn the hazardous property in to Defense Reutilization and Marketing Office per reference (b). Both of these containers should be handled as corrosive wastes. Point of contact in this matter is Mr. Danny Sharpe, Natural Resources and Environmental Affairs Division, extension 2083.

R. A. TIEBOUT
By direction

Blind copy to:
SupvChem NREAD

BLDG 251
2-55 gal DRUMS
UNKNOWN

Writer: D. D. Sharpe, NREAD 5003
Typist: J. Cross 9Aug85

9 Aug 85

6240/2
NREAD
9 AUG 85

From: Commanding General, Marine Corps Base, Camp Lejeune
To: Commanding General, 2d Force Service Support Group, (Attn: EngrSPT), Camp Lejeune

Subj: REQUEST FOR ANALYSIS

Ref: (a) CO 2dANGLICO ltr 4400 S-4 of 14 Feb 1985
(b) BO 6240.5

Encl: (1) Excerpts from JTC Environmental Consultants, Inc. Report No. 54 dated 28 June 1985

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R. A. TIEBOUT
By direction

Blind copy to:
→ SupvChem NREAD

Writer: D. D. Sharpe, NREAD 5003
Typist: J. Cross 9Aug85

EXCERPTS FROM JTC ENVIRONMENTAL CONSULTANTS, INC.
REPORT NO. 54, DATED 28 JUNE 1985

COMPILED BY ELIZABETH A. BETZ
7 AUGUST 1985

Please note the following:

a. Navy sample ID #27H and 27I are two 55-gallon drums at Bldg 251. The barrels were labelled with H and I when they were sampled.

(ENCLOSURE 1)

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 1 Date of Sample Receipt 3/28/85 & 5/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		pH (Corrosivity)	Flashpoint °F	Reactivity Cyanide ppm	Reactivity Sulfide ppm	PCB µg/g			
#23A Bldg HP100	12-0920	7.18	< 85	0.9	<1	<1			
#23B Bldg HP100	12-0921	6.55	< 85	<1.0	<1	<1			
#27H Bldg 251	12-0922	1.52	>200	0.02	<0.1	<1			
#27I Bldg 251	12-0923	<1.0	>200	0.03	<0.1	<5			
#28J Landfill	composite 12-0924	6.32	>200	<0.10	1.0	<5			
#28K Landfill	12-0925								
#28L Landfill	12-0926								
#29 Bldg TP457	12-0927	<1.0	153	<0.05	<0.1	<1			
#30 Bldg TP457	12-0928	4.89	<85	<0.05	<0.2	<10			
#31 Bldg TP457	12-0929	5.25	<85	<0.05	<0.5	<10			
#32O Bldg TP451	12-0930	9.56	<85	<1.0	<0.5	<10			
#32P Bldg TP451	12-0931	6.85	<85	6.2	<1	0.05 µg/ml			
#32Q Bldg TP451	12-0932	6.91	<85	<1.0	<0.5	<0.1 µg/ml			

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 5 Date of Sample Receipt 3/28/85 & 5/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		As	Ba	Cd	Cr	Pb	Hg	Se	Ag
23A Bldg HP100	12-0920	<1.0 mg/kg	<20 mg/kg	22.6 mg/kg	1.6 mg/kg	148 mg/kg	0.18 mg/kg	1.5 mg/kg	<1.0 mg/kg
3B Bldg HP100	12-0921	<1.0 mg/kg	<20 mg/kg	4.8 mg/kg	1.4 mg/kg	0.8 mg/kg	<0.10 mg/kg	2.2 mg/kg	<1.0 mg/kg
7H Bldg 251	12-0922	<50 ug/L	1170 ug/L	2440 ug/L	65 ug/L	9850 ug/L	<1.0 ug/L	141 ug/L	<50 ug/L
7I Bldg 251	12-0923	290 ug/L	<1000 ug/L	680 ug/L	13,100 ug/L	3,120 ug/L	<1.0 ug/L	1960 ug/L	<50 ug/L
8J Landfill	Composite 12-0924	2.3 mg/kg	<20 mg/kg	<0.50 mg/kg	2.3 mg/kg	4.5 mg/kg	<0.10 mg/kg	<0.40 mg/kg	<1.0 mg/kg
8K Landfill	Composite 12-0925								
8L Landfill	Composite 12-0926								
9 Bldg TP457	12-0927	*	*	*	*	*	*	*	*
0 Bldg TP457	12-0928	<50 ug/L	7800 ug/L	<25 ug/L	<50 ug/L	62.5 ug/L	22 ug/L	<20 ug/L	<50 ug/L
1 Bldg TP457	12-0929	<50 ug/L	3130 ug/L	<25 ug/L	185 ug/L	21 ug/L	<1.0 ug/L	<20 ug/L	<50 ug/L
20 Bldg TP451	12-0930	+	+	+	+	+	1925	+	+
2P Bldg TP451	12-0931	<50 ug/L	1295 ug/L	<25 ug/L	63,600 ug/L	6250 ug/L	3.7 ug/L	<20 ug/L	<50 ug/L
2Q Bldg TP451	12-0932	<50 ug/L	1535 ug/L	130 ug/L	93,900 ug/L	40,200 ug/L	7.9 ug/L	<20 ug/L	<50 ug/L

* Sample depleted

\+ Sample requires redigestion prior to completion of analysis

6241/1
NREAD
7 August 1985

From: Supervisory Chemist, Water Quality Control Lab, Environmental Branch
To: Director, Natural Resources and Environmental Affairs Division
Via: Supervisory Ecologist, Environmental Branch

Subj: ANALYSIS OF UNKNOWN SUBSTANCE LOCATED AT FC-251

Encl: (1) Excerpts from JTC Environmental Consultants, Inc. Report No. 54 Dated 28 June 1985

1. The enclosure provides data on the 55-gallon drums located at FC-251. The barrels are labelled H and I.

ELIZABETH A. BETZ

Writer: E. Betz, NREAD, 5977
Typist: A. Blackstock, 7 August 1985

EXCERPTS FROM JTC ENVIRONMENTAL CONSULTANTS, INC.
REPORT NO. 54, DATED 28 JUNE 1985

COMPILED BY ELIZABETH A. BETZ
7 AUGUST 1985

Please not the following:

a. Navy sample ID #27H and 27I are two 55-gallon drums at Bldg 251. The barrels were labelled with H and I when they were sampled.

(ENCLOSURE 1)

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 1 Date of Sample Receipt 3/28/85 & 5/23/85

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#27H Bldg 251	12-0922	1.52	>200	0.02	<0.1	<1			
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#32O Bldg TP451	12-0930	9.56	<85	<1.0	<0.5	<10			
#32P Bldg TP451	12-0931	6.85	<85	6.2	<1	0.05 µg/ml			
#32Q Bldg TP451	12-0932	6.91	<85	<1.0	<0.5	<0.1 µg/ml			

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 5 Date of Sample Receipt 3/28/85 & 5/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		As	Ba	Cd	Cr	Pb	Hg	Se	Ag
#23A Bldg HP100	12-0920	<1.0 mg/kg	<20 mg/kg	22.6 mg/kg	1.6 mg/kg	148 mg/kg	0.18 mg/kg	1.5 mg/kg	<1.0 mg/kg
#23B Bldg HP100	12-0921	<1.0 mg/kg	<20 mg/kg	4.8 mg/kg	1.4 mg/kg	0.8 mg/kg	<0.10 mg/kg	2.2 mg/kg	<1.0 mg/kg
#27H Bldg 251	12-0922	<50 ug/L	1170 ug/L	2440 ug/L	65 ug/L	9850 ug/L	<1.0 ug/L	141 ug/L	<50 ug/L
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#28J Landfill	composite 12-0924	2.3 mg/kg	<20 mg/kg	<0.50 mg/kg	2.3 mg/kg	4.5 mg/kg	<0.10 mg/kg	<0.40 mg/kg	<1.0 mg/kg
#28K Landfill	12-0925								
#28L Landfill	12-0926								
#29 Bldg TP457	12-0927	*	*	*	*	*	*	*	*
#30 Bldg TP457	12-0928	<50 ug/L	7800 ug/L	<25 ug/L	<50 ug/L	62.5 ug/L	22 ug/L	<20 ug/L	<50 ug/L
#31 Bldg TP457	12-0929	<50 ug/L	3130 ug/L	<25 ug/L	185 ug/L	21 ug/L	<1.0 ug/L	<20 ug/L	<50 ug/L
#32O Bldg TP451	12-0930	+	+	+	+	+	1925	+	+
#32P Bldg TP451	12-0931	<50 ug/L	1295 ug/L	<25 ug/L	63,600 ug/L	6250 ug/L	3.7 ug/L	<20 ug/L	<50 ug/L
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* sample depleted

\+ sample requires redigestion prior to completion of analysis

UNITED STATES MARINE CORPS
2d Force Service Support Group (Rein)
Fleet Marine Force, Atlantic
Camp Lejeune, North Carolina 28542-5701

IN REPLY REFER TO:
6280
48
19 Feb 1985

FIRST ENDORSEMENT on CO, 2d ANGLICO ltr 4400 S-4 of 14 Feb 1985

From: Commanding General
To: Commanding General, Marine Corps Base, Camp Lejeune NC
(Attn: Director, Natural Resources and Environmental Affairs)

Subj: REQUEST FOR ANALYSIS

1. Forwarded for action.

D. A. CERVENY
By direction

Copy to:
CO, 2d ANGLICO

Sampled 28 MAR 85, by H, B.
Sample numbers 27 H and 27 I.

UNITED STATES MARINE CORPS
2d Air and Naval Gunfire Liaison Company
Fleet Marine Force, Atlantic
Camp Lejeune, North Carolina 28542-7311

IN REPLY REFER TO:
4400
S-4
14 Feb 1985

From: Commanding Officer, 2d Air and Naval Gunfire Liaison Company
To: Commanding General, 2d Force Service Support Group (ENGR SPT)

Subj: REQUEST ANALYSIS OF UNKNOWN SUBSTANCE

1. It is requested an analysis check be run on 55 gallons of a unknown substance located at FC-251. POC this HQ, Sgt LONDON ext. 5212.

2. Cleaning solvent, battery acid and motor oil are used frequently.

G.A. Mattes
G.A. MATTES
By direction

6280
48
19 Feb 1985

FIRST ENDORSEMENT on CO, 2d ANGLICO ltr 4400 S-4 of 14 Feb 1985

From: Commanding General
To: Commanding General, Marine Corps Base, Camp Lejeune NC
(Attn: Director, Natural Resources and Environmental Affairs)

Subj: REQUEST FOR ANALYSIS

1. Forwarded for action.

D. A. CERVENY
By direction

Copy to:
CO, 2d ANGLICO

UNITED STATES MARINE CORPS
2d Air and Naval Gunfire Liaison Company
Fleet Marine Force, Atlantic
Camp Lejeune, North Carolina 28542-7311

IN REPLY REFER TO:
4400
S-4
14 Feb 1985

From: Commanding Officer, 2d Air and Naval Gunfire Liaison Company
To: Commanding General, 2d Force Service Support Group (ENGR SPT)

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G.A. MATTES
By direction

6280
48
19 Feb 1985

FIRST ENDORSEMENT on CO, 2d ANGLICO ltr 4400 S-4 of 14 Feb 1985

From: Commanding General
To: Commanding General, Marine Corps Base, Camp Lejeune NC
(Attn: Director, Natural Resources and Environmental Affairs)

Subj: REQUEST FOR ANALYSIS

1. Forwarded for action.

D. A. CERVENY
By direction

Copy to:
CO, 2d ANGLICO

UNITED STATES MARINE CORPS
2d Air and Naval Gunfire Liaison Company
Fleet Marine Force, Atlantic
Camp Lejeune, North Carolina 28542-7311

IN REPLY REFER TO:
4400
S-4
14 Feb 1985

From: Commanding Officer, 2d Air and Naval Gunfire Liaison Company
To: Commanding General, 2d Force Service Support Group (ENGR SPT)

Subj: REQUEST ANALYSIS OF UNKNOWN SUBSTANCE

1. It is requested an analysis check be run on 55 gallons of a unknown substance located at FC-251. POC this HQ, Sgt LONDON ext. 5212.

2. Cleaning solvent, battery acid and motor oil are used frequently.

G.A. Mattes
G.A. MATTES
By direction

SHEET # _____

SAMPLE # 27H DATE COLLECTED 3/28/85 TIME COLLECTED 1130

NAME OF COLLECTOR H. B. LOCATION AND DESCRIPTION OF IT

SAMPLED Bld 251

COMMENTS: 55 gal drum of unknown Marked (H)
yellow fiberglass (?) drum. Clear solution is contents.
~~or~~ oily.

SAMPLE # 27I DATE COLLECTED 3/28/85 TIME COLLECTED 1150

NAME OF COLLECTOR H. B. LOCATION AND DESCRIPTION OF IT

SAMPLED Bld 251

COMMENTS 55 gal drum of unknown Marked I
Yellow drum. Contents: clear solution, oily.

SAMPLE # 28 J DATE COLLECTED 29 MAR 85 TIME COLLECTED 1300

NAME OF COLLECTOR MARTY, HUNEYCUTT, BARBEE. LOCATION AND DESCRIPTION OF

SAMPLED Contaminated Soil dumped at landfill

COMMENTS 5 piles from dump truck. Composite ~~from cores of six~~ samples of six cores. Filled 3 quart jars.

SAMPLE # 28 K DATE COLLECTED 29 MAR 85 TIME COLLECTED 1300

NAME OF COLLECTOR Marty, Huneycutt, Barbee. LOCATION AND DESCRIPTION OF

SAMPLED Contaminated soil dumped at landfill

COMMENTS Same as 28 J

EXCERPTS FROM JTC ENVIRONMENTAL CONSULTANTS, INC.
REPORT NO. 54, DATED 28 JUNE 1985

COMPILED BY ELIZABETH A. BETZ
7 AUGUST 1985

Please note the following:

a. Navy sample ID #27H and 27I are two 55-gallon drums at Bldg 251. The barrels were labelled with H and I when they were sampled.

(ENCLOSURE 1)

CHARACTERISTICS	SAMPLE #27H	SAMPLE #27I	SAMPLE #86-	SAMPLE #86-0	SAMPLE #86-0	SAMPLE #86-	SAMPLE #86-	SAMPLE #86-
Corrosivity: pH	CORROSIVE 1.52	CORROSIVE <1.0						
Ignitability: Flash Point (140°F)	>200°F	>200°F						
Reactivity Cyanide (250mg /kg)	mg/L 0.02	mg/L 0.03						
Sulfide (500mg /kg)	<0.1	<0.1						
Toxcity-Limits	mg/L	mg/L						
As (5 ppm)	<0.05	0.290						
Ba (100 ppm)	1.17	<1.0						
Cd (1 ppm)	2.44	0.68						
Cr (5 ppm)	0.065	13.1						
Pb (5 ppm)	9.85	3.12						
Hg (0.2 ppm)	<0.001	<0.001						
Se (1.0 ppm)	0.141	1.96						
Ag (5 ppm)	<0.05	<0.05						
PCB mg/9	<1	<5						
Total Organic Halogen %	NOT TESTED →							
Recommended EPA Hazardous Waste ID#	D002	D002						
Comments: Secondary EPA Hazardous Waste ID #'s which should be shown	D006 D008	D007 D010						

Prepared by: Elizabeth Betz

Date: 21 Nov 86

ENCLOSURE (2)

6240/1
NREAD
12 Sep 1985

From: Director, Natural Resources and Environmental Affairs Division, Marine Corps Base, Camp Lejeune
To: Commanding Officer, Marine Corps Air Station, New River (Attn: Grounds Safety Manager)

Subj: LABORATORY ANALYSIS OF HAZARDOUS MATERIAL; RESULTS OF

Ref: (a) CO, MCAS, New River ltr 5100/222 of 10 May 1985

Encl: (1) JTC Environmental Consultants, Inc. Report No. 88 dated 6 Aug 1985
(2) Hazardous Wastes Characteristic Analysis of Air Station Barrels dated 11 Sep 1985

1. Enclosures (1) and (2) provide data requested by the reference for 26 drums stored at the Air Station's Hazardous Waste Storage Area. The drums were marked with the sample numbers at the time of collection. The drums with sample numbers 38, 39, 41, 42, 43 and 44 will have to be sampled again due to breakage of samples during shipment to commercial laboratory.

2. Enclosure (2) summarizes the data in enclosure (1) and also includes the EPA hazardous waste ID number. Point of contact in this matter is Ms. Elizabeth Betz, Natural Resources and Environmental Affairs Division, telephone extension 5977.

J. I. WOOTEN

Blind copy (w/o encl) to:
SupvChemist

AS
BARRELS

Writer: E. Betz, NREAD 5977
Typist: J. Cross 12Sep85

6240/1
NREAD
12 Sep 1985

From: Director, Natural Resources and Environmental Affairs Division, Marine Corps Base, Camp Lejeune
To: Commanding Officer, Marine Corps Air Station, New River (Attn: Grounds Safety Manager)

Subj: LABORATORY ANALYSIS OF HAZARDOUS MATERIAL; RESULTS OF

Ref: (a) CO, MCAS, New River ltr 5100/222 of 10 May 1985

Encl: (1) JTC Environmental Consultants, Inc. Report No. 88 dated 6 Aug 1985
(2) Hazardous Wastes Characteristic Analysis of Air Station Barrels dated 11 Sep 1985

1. Enclosures (1) and (2) provide data requested by the reference for 26 drums stored at the Air Station's Hazardous Waste Storage Area. The drums were marked with the sample numbers at the time of collection. The drums with sample numbers 38, 39, 41, 42, 43 and 44 will have to be sampled again due to breakage of samples during shipment to commercial laboratory.

2. Enclosure (2) summarizes the data in enclosure (1) and also includes the EPA hazardous waste ID number. Point of contact in this matter is Ms. Elizabeth Betz, Natural Resources and Environmental Affairs Division, telephone extension 5977.

J. I. WOOTEN

Blind copy (w/o encl) to:
SupvChemist

Writer: E. Betz, NREAD 5977
Typist: J. Cross 12Sep85

6241/1
NREAD
SEP 11 1985

From: Supervisory Chemist, Water Quality Control Lab, Environmental Branch
To: Director, Natural Resources and Environmental Affairs Division
Via: Supervisory Ecologist, Environmental Branch

Subj: LABORATORY ANALYSIS OF HAZARDOUS MATERIAL; RESULTS OF

Ref: (a) CO, MCAS(H) New River Ltr 5100/222 of 10 May 1985

Encl: (1) JTC Environmental Consultants, Inc. Report No. 88 Dated 6 August 1985
(2) Hazardous Wastes Characteristic Analysis of Air Station Barrels Dated 11 September 1985

1. Enclosure (1) provides data on 20 of the 26 drums stored at the Air Station's Hazardous Waste Storage Area. The drums were marked with the sample numbers at the time of collection. The drums with sample numbers 38, 39, 41, 42, 43 and 44 will have to be sampled again.

2. Enclosure (2) summarizes the data in enclosure (1) and also includes the EPA hazardous waste ID number.

ELIZABETH A. BETZ

Writer: E. Betz, NREAD, 5977
Typist: A. Blackstock, 11 September 1985

ROUTINE REPLY, ENDORSEMENT, TRANSMITTAL OR INFORMATION SHEET
NAVEXOS-3989 (Rev. 12-62)

0104 901 4901

DATE 12 AUG 85

FROM: LANTON CODE 1142

FILE NUMBER: 6280 1142 DFC

SUBJECT: WASTE OIL TESTS

REFERENCE:

TO: MCB CAMP LEJEUNE
BASE MAINTENANCE
ENVIRONMENTAL AFFAIRS
DIVISION

ENCLOSURE: (1) JTC #88 (Rev 12 AUG 85)

This form may be used in a window envelope.

VIA

_____ Endorsement on

[X] FORWARDED [ ] RETURNED [ ] FOLLOW-UP [ ] REQUEST [ ] ADVISE [ ] SUBMIT

X	MESSAGE	X	MESSAGE	X	MESSAGE
X	FOR APPROPRIATE ACTION		SUBJECT DOCUMENT(S) WAS/WERE FORWARDED TO YOUR OFFICE _____ AS A MATTER UNDER YOUR JURISDICTION.		CERTIFY ENCLOSURE _____ AS TO RECEIPT AND ACCEPTANCE OF MATERIAL AND FORWARD TO _____
	FOR INFORMATION OR CERTIFICATION AND/OR FILE.		SUBJECT DOCUMENTS WAS/WERE APPROVED _____ AND FORWARDED TO YOU.		_____ COPIES OF SUBJECT CHANGE ORDER AMENDMENT OR MODIFICATION
	[ ] APPROVED [ ] DISAPPROVED		____ COPY(IES) OF THIS CORRESPONDENCE WITH YOUR REPLY.		CHANGE NOTICE TO THE SUPPLIER
	APPROVAL [ ] IS [ ] IS NOT RECOMMENDED		ENCLOSURE(S) _____ IS/ARE FORWARDED AS REQUESTED BY REFERENCE _____		_____ COPIES OF APPLICABLE PLANS AND/OR SPECIFICATIONS.
	CONCURRING IN RECOMMENDATIONS MADE IN THE BASIC CORRESPONDENCE.		ENCLOSURE(S) IS/ARE RETURNED FOR CORRECTION AS INDICATED.		FOR PLAN ACTION AS INDICATED
	COMMENTS AND/OR RECOMMENDATIONS.		CORRECTED ENCLOSURE(S) AS REQUESTED		CLASSIFICATIONS OF DEFECTS FOR SUBJECT ITEMS
	MAILING LIST ACTION		SUBJECT PERSON'S ATTENTION SHOULD BE INVITED TO THIS MATTER		CONFIRMATION THAT INSPECTION OR SOURCE INSPECTION IS NOT REQUIRED
	FOR ASSIGNMENT OF BUREAU FILE NUMBER(S)		SUBJECT PERSON(S) REPORTED TO THIS COMMAND _____		INSPECTION UNDER THE SUBJECT SUBCONTRACT IS NOT REQUIRED
	ON A LOAN BASIS RETURN BY _____		SUBJECT PERSON(S) COMPLETED HIS/THEIR DUTY AND WAS/WERE DETACHED FROM THIS COMMAND _____		_____ COPIES OF SUBJECT PURCHASE DOCUMENT. IF SOURCE INSPECTION OR PROGRESSING IS REQUIRED
	SIGN ORIGINAL RECEIPT AND RETURN TO THIS OFFICE.		NAME AND LOCATION OF SUPPLIER OF SUBJECT ITEMS.		STATUS OF MATERIAL ON SUBJECT PURCHASE DOCUMENT
	SUBJECT FILES, WHICH ARE LOCATED IN BOX NO. _____ SHIPMENT NO. _____		SUBCONTRACT NUMBER FOR SUBJECT ITEM		CLEARANCE AS INDICATED IN BASIC CORRESPONDENCE VERIFIED. NO REPLY UNLESS NEGATIVE.
	REPLY TO THE ABOVE REFERENCE(S) BY _____		SUBJECT PURCHASE DOCUMENT HAS BEEN REQUESTED AND WILL BE FORWARDED WHEN RECEIVED.		VERIFICATION OF NEED-TO-KNOW FOR VISIT PERSONNEL CLEARANCES VERIFIED.
	_____ COPY(IES) OF REFERENCE DESCRIBED ABOVE WAS/WERE NOT RECEIVED.		ENDORSEMENT _____ OF SUBJECT SUBCONTRACT IS BEING DELAYED PENDING RECEIPT OF BASIC PURCHASE DOCUMENT.		
	SUBJECT DOCUMENT(S) WAS/WERE FORWARDED TO _____		APPROPRIATION SYMBOL SUBHEAD AND CHARGEABLE ACTIVITY		
	SUBJECT DOCUMENT(S) IS/ARE WAS/WERE RETURNED FOR _____		WHETHER SUBJECT ITEMS ARE TO BE COMMERCIALLY SHIPPED OR AT GOVERNMENT EXPENSE		
			A CERTIFICATE IN LIEU OF SUBJECT BILL OF LADING WHICH HAS BEEN LOST.		SEE REMARKS ON THE REVERSE SIDE.

COPY TO: 114, 1145

SIGNATURE: [signature]

U.S. Government Printing Office: 1973—739-007/2082 Region No. 3-11

B-86806

REPORT # 88

LABORATORY ANALYSIS ON

NAVAL SAMPLES

(A/E CONTRACT N62470-84-B-6932)

JTC REPORT # 85-313

PREPARED FOR:

DEPARTMENT OF THE NAVY

ATLANTIC DIVISION

NAVAL FACILITIES ENGINEERING COMMAND

NORFOLK, VA 23511

PREPARED BY:

JTC ENVIRONMENTAL CONSULTANTS, INC.

4 RESEARCH PLACE, SUITE L-10

ROCKVILLE, MARYLAND 20850

AUGUST 6, 1985

Ann E. Rosecrance

Ann E. Rosecrance
Laboratory Director

JTC Environmental Consultants, Inc.

Date 8-6-85 Report No. 88 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-313 Table 1 Date of Sample Receipt 6-28-85

Camp Lejeune

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		Flashpoint °F	Corrosivity (pH)	Reactivity					
				Cyanide mg/kg	Sulfide mg/kg				
#33	12-0984	130	‡	2	<5				
34	12-0985	117	6-7	2	<5				
35	12-0986	95	6-7	0.6	<5				
36	12-0987	<85	6-7	3	<5				
37	12-0988	118	10	0.5	<5				
40	12-0989	>200	6-7	1	<5				
40A	12-0990	<85	6	2	<5				
45	12-0991	<85	5	0.4	<5				
46	12-0992	<85	6-7	1	<5				
47	12-0993	<85	5	1	<5				
48	12-0994	>200	5	2	<5				
49	12-0995	>200	6-7	1	<5				
50	12-0996	<85	7	3	<5				
51	12-0997	110	6	1	<5				
52	12-0998	<85	8	2	<5				
53	12-0999	<85	11-12	1	<5				
54	12-1000	>200	5	0.3	<5				
55	12-1001	105	8	<1	<5				
56	12-1002	>200	5-6	0.8	12				
57	12-1003	<85	7	<3	<5				
unreadable A	12-1004	101	10	0.4	<5				
unreadable B	12-1005	<85	6-7	<4	<5				

‡ test could not be performed due to nature of sample

JTC Environmental Consultants, Inc.

Date 8-6-85 Report No. 88 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-313 Table 2 Date of Sample Receipt 6-28-85

Camp Lejeune

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		PCB µg/g	TOX %						
#33	12-0984	<10	0.09						
34	12-0985	<5	0.07						
35	12-0986	<5	6.05						
36	12-0987	<5	0.10						
37	12-0988	*	*						
40	12-0989	*	*						
40A	12-0990	*	*						
45	12-0991.	*	*						
46	12-0992	<5	3.52						
47	12-0993	*	*						
48	12-0994	*	*						
49	12-0995	<5	0.08						
50	12-0996	<5	0.35						
51	12-0997	<10	3.07						
52	12-0998	<5	0.10						
53	12-0999	<5	54.4						
54	12-1000	*	*						
55	12-1001	<5	1.34						
56	12-1002	*	*						
57	12-1003	*	*						
unreadable A	12-1004	*	*						
unreadable B	12-1005	<5	3.56						

* see results for composite analysis

JTC Environmental Consultants, Inc.

Date 8-6-85 Report No. 88 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-313 Table 3 Date of Sample Receipt 6-28-85

Camp Lejeune

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		As mg/kg	Ba mg/kg	Cd mg/kg	Cr mg/kg	Pb mg/kg	Hg mg/kg	Se mg/kg	Ag mg/kg
#33	12-0984	<1	30	<1	160	440	0.06	<1	<1
34	12-0985	<1	100	<1	<10	<5	<0.05	<1	<1
35	12-0986	<1	500	13	320	20	<0.05	<1	<1
36	12-0987	<1	<20	<1	30	100	<0.05	<1	<1
37	12-0988	*	*	*	*	*	*	*	*
40	12-0989	*	*	*	*	*	*	*	*
40A	12-0990	*	*	*	*	*	*	*	*
45	12-0991.	*	*	*	*	*	*	*	*
46	12-0992	<1	<20	2	2100	5	0.13	<1	<1
47	12-0993	*	*	*	*	*	*	*	*
48	12-0994	*	*	*	*	*	*	*	*
49	12-0995	<1	<20	<1	<10	20	<0.05	<1	<1
50	12-0996	<1	100	3	300	900	0.25	<1	<1
51	12-0997	<1	100	1	30	40	<0.05	<1	<1
52	12-0998	<1	<20	<1	1600	<5	<0.05	<1	<1
53	12-0999	<1	500	<1	5400	<5	<0.05	<1	<1
54	12-1000	*	*	*	*	*	*	*	*
55	12-1001	<1	50	3	1200	7	<0.05	<1	<1
56	12-1002	*	*	*	*	*	*	*	*
57	12-1003	*	*	*	*	*	*	*	*
unreadable A	12-1004	*	*	*	*	*	*	*	*
unreadable B	12-1005	<1	<20	5	1600	60	0.71	<1	<1

* see results for composite analysis

JTC Environmental Consultants, Inc.

Date 8-6-85 Report No. 88 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-313 Table 4 Date of Sample Receipt 6-28-85

Camp Lejeune

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		PCB ug/g	TOX %						
45 54 56 57	Composite 1	< 5	3.56						
37 40A 47	Composite 2	< 5	0.67						
40 48 unreadable A	Composite 3	< 5	0.09						

JTC Environmental Consultants, Inc.

Date 8-6-85 Report No. 88 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-313 Table 5 Date of Sample Receipt 6-28-85

Camp Lejeune

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		As mg/kg	Ba mg/kg	Cd mg/kg	Cr mg/kg	Pb mg/kg	Hg mg/kg	Se mg/kg	Ag mg/kg
45 54 56 57	Composite 1	<1	<20	<1	4000	54	0.79	<1	<1
37 40A 47	Composite 2	<1	<20	<1	2700	<5	<0.05	<1	<1
40 48 unreadable A	Composite 3	<1	<20	<1	<10	<5	<0.05	<1	<1

Sample Description NF-12 #88 Hazardous Waste

wy #	JTC #	Description
#33.	12-0984	thick black liquid - like molasses
34	0985	reddish liq. with light brown oily layer on top
35	0986	oily, granular, brownish liquid mixture
36	0987	black layer on top, reddish black opaque liquid on bottom with whitish film along bottom
37	0988	clear orangy liquid with brownish granular specks along sides & bottom
40	0989	greenish yellow opaque liq. with oily flecks
40A	0990	dark reddish brown liq, light colored film along botto
45	0991	pale yellow liq, brown film along bottom
46	0992	2" black liq. on top, then 1/2" light brown opaque liquid, then 1" darkbrown scummy layer, then 2" brown opaque liq. on bottom
47	0993	thick black liq with greyish scum along its bottom, clearish 1" ~~layer~~ liquid on bottom
48	0994	opaque brownish liq with black spotty film mixed
49	0995	thin, oily film on top of whitish liquid with a few worm like grey chunks along bottom
50	0996	black liq with greenish film along bottom & side
51	0997	thick reddish brown oily layer on top with greyish scum along its bottom, 2" clear liq. on bottom
52	0998	reddish liq with greyish film on top
53	0999	thick brown liq. layer on top with thick black liq layer on bottom
54	1000	clear liq with orangy film along bottom
55	1001	2" thick dark greenish layer with clumps along its bottom, on top with opaque orangy liq on bottom
56	1002	pale greenish yellow liquid

Navy #	JTC #	Description
57	12- 1003	clear yellow liq with thin film along bottom
unreadable	1004	thick brownish liquid - like mud
unreadable	1005	black oily layer on top, 2" opaque greenish layer on bottom

HAZARDOUS WASTES CHARACTERISTIC ANALYSIS
OF AIR STATION BARRELS

Prepared by: Elizabeth A. Betz
Date: 11 September 1985

CHARACTERISTIC	SAMPLE # 33	SAMPLE # 34	SAMPLE # 35	SAMPLE # 36
Corrosivity: pH	No Result See Note 1	6-7 Neutral	6-7 Neutral	6-7 Neutral
Ignitability: Flash Point (140°F)	Ignitable 130°	Ignitable 117°	Ignitable 95°	Ignitable <85
Reactivity:				
Cyanide (ppm)	2	2	0.6	3
Sulfide (ppm)	<5	<5	<5	<5
Toxcity (Limits)				
As (5 ppm)	<1	<1	<1	<1
Ba (100 ppm)	30	100	Toxic 500	20
Cd (1 ppm)	<1	<1	Toxic 13	<1
Cr (5 ppm)	Toxic 160	10	Toxic 320	Toxic 30
Pb (5 ppm)	Toxic 440	5	Toxic 20	Toxic 100
Hg (0.2 ppm)	0.06	<0.05	<0.05	<0.05
Se (1.0 ppm)	<1	<1	<1	<1
Ag (5 ppm)	<1	<1	<1	<1
PCB	<10	<5	<5	<5
Total Organic % Halogens (TOX)	0.09	0.07	6.05	0.10
Recommended EPA Hazardous Waste ID Number	D001	D001	D001	D001
Comments (Other EPA Hazardous Waste ID Number)	D007 D008		D005 D006 D007 D008	D007 D008

(ENCLOSURE 2)

HAZARDOUS WASTES CHARACTERISTICS ANALYSIS
OF AIR STATION BARRELS

Prepared by: Elizabeth A. Betz
Date: 11 September 1985

CHARACTERISTIC	See Note 2 SAMPLE # 37	SAMPLE # 38	SAMPLE # 39	See Note 4 SAMPLE # 40
Corrosivity: pH	10 Slightly Alkaline	See Note 3	See Note 3	6-7 Neutral
Ignitability: Flash Point (140°F)	Ignitable 118	See Note 3	See Note 3	>200
Reactivity: Cyanide (ppm) Sulfide (ppm)	 0.5 <5	See Note 3	See Note 3	 1 <5
Toxicity (Limits) As (5 ppm)	<1	See Note 3	See Note 3	<1
Ba (100 ppm)	<20			<20
Cd (1 ppm)	<1			<1
Cr (5 ppm)	Toxic 2700			<10
Pb (5 ppm)	<5			<5
Hg (0.2 ppm)	<0.05			<0.05
Se (1.0 ppm)	<1			<1
Ag (5 ppm)	<1			<1
PCB	<5	See Note 3	See Note 3	<5
Total Organic % Halogens (TOX)	0.67	See Note 3	See Note 3	0.09
Recommended EPA Hazardous Waste ID Number	D001			None
Comments (Other EPA Hazardous Waste ID Number)	D007			

HAZARDOUS WASTES CHARACTERISTIC ANALYSIS
OF AIR STATION BARRELS

Prepared by: Elizabeth A. Betz
Date: 11 September 1985

CHARACTERISTIC	See Note 2 SAMPLE # 40A	SAMPLE # 41	SAMPLE # 42	SAMPLE # 43
Corrosivity: pH	6 Neutral	See Note 3	See Note 3	See Note 3
Ignitability: Flash Point (140°F)	Ignitable <85	See Note 3	See Note 3	See Note 3
Reactivity: Cyanide (ppm) Sulfide (ppm)	2 <5	See Note 3	See Note 3	See Note 3
Toxicity (limits) As (5 ppm)	<1	See Note 3	See Note 3	See Note 3
Ba (100 ppm)	<20			
Cd (1 ppm)	<1			
Cr (5 ppm)	Toxic 2700			
Pb (5 ppm)	<5			
Hg (0.2 ppm)	<0.05			
Se (1.0 ppm)	<1			
Ag (5 ppm)	<1			
PCB	<5	See Note 3	See Note 3	See Note 3
Total Organic % Halogens (TOX)	0.67	See Note 3	See Note 3	See Note 3
Recommended EPA Hazardous Waste ID Number	D001			
Comments (Other EPA Hazardous Waste ID Number)	D007			

HAZARDOUS WASTES CHARACTERISTIC ANALYSIS
OF AIR STATION BARRELS

Prepared by: Elizabeth A. Betz
Date: 11 September 1985

CHARACTERISTIC	SAMPLE # 44	See Note 5 SAMPLE # 45	SAMPLE # 46	See Note 2 SAMPLE # 47
Corrosivity: pH	See Note 3	5 Slightly Acidic	6-7 Neutral	5 Slightly Acidi
Ignitability: Flash Point (140 F)	See Note 3	Ignitable ∠85	Ignitable ∠85	Ignitable ∠85
Reactivity: Cyanide (ppm) Sulfide (ppm)	See Note 3	 0.4 ∠5	 1 ∠5	 1 ∠5
Toxicity (limits) As (5 ppm)	See Note 3	 ∠1	 ∠1	 ∠1
Ba (100 ppm)		∠20	∠20	∠20
Cd (1 ppm)		∠1	Toxic 2	∠1
Cr (5 ppm)		Toxic 4000	Toxic 2100	Toxic 2700
Pb (5 ppm)		Toxic 54	5	∠5
Hg (0.2 ppm)		Toxic 0.79	0.13	∠0.05
Se (1.0 ppm)		∠1	∠1	∠1
Ag (5 ppm)		∠1	∠1	∠1
PCB		∠5	∠5	∠5
Total Organic % Halogens (TOX)		3.56	3.52	0.67
Recommended EPA Hazardous Waste ID Number		D001	D001	D001
Comments (Other EPA Hazardous Waste ID Number)		D007 D008 D009	D006 D007	D007

HAZARDOUS WATES CHARACTERISTIC ANALYSIS
OF AIR STATION BARRELS

Prepared by: Elizabeth A. Betz
Date: 11 September 1985

CHARACTERISTIC	See Note 4 SAMPLE # 48	SAMPLE # 49	SAMPLE # 50	SAMPLE # 51
Corrosivity pH	5 Slightly Acidic	6-7 Neutral	7 Neutral	6 Neutral
Ignitability: Flash Point (140°F)	>200	>200	Ignitable <85	Ignitable 110°F
Reactivity:				
Cynaide (ppm)	2	1	3	1
Sulfide (ppm)	<5	<5	<5	<5
Toxicity (limits):				
As (5 ppm)	<1	<1	<1	<1
Ba (100 ppm)	<20	<20	100	100
Cd (1 ppm)	<1	<1	Toxic 3	1
Cr (5 ppm)	<10	<10	Toxic 300	Toxic 30
Pb (5 ppm)	<50	Toxic 20	Toxic 900	Toxic 40
Hg (0.2 ppm)	<0.05	<0.05	Toxic 0.25	<0.05
Se (1.0 ppm)	<1	<1	<1	<1
Ag (5 ppm)	<1	<1	<1	<1
PCB	<5	<5	<5	<10
Total Organic % Halogens (TOX)	0.09	0.08	0.35	3.07
Recommended EPA Hazardous Waste ID NUMBER	NONE	D008	D001	D001
Comments (Other EPA Hazardous Waste ID Number)			D006 D007 D008 D009	D007 D008

HAZARDOUS WASTES CHARACTERISTIC ANALYSIS
OF AIR STATION BARRELS

Prepared by: Elizabeth A. Betz
Date: 11 September 1985

CHARACTERISTIC	SAMPLE # 52	SAMPLE # 53	See Note 5 SAMPLE # 54	SAMPLE #55
Corrosivity: pH	8 Neutral	11-12 Alkaline	5 Slightly Acidic	8 Neutral
Ignitability: Flash Point (140°F)	Ignitable ∠85	Ignitable ∠85	>200	Ignitable 105°
Reactivity: Cyanide (ppm) Sulfide (ppm)	 2 ∠5	 1 ∠5	 0.3 ∠5	 ∠1 ∠5
Toxicity (limits): As (5 ppm)	∠1	∠1	∠1	∠1
Ba (100 ppm)	∠20	Toxic 500	∠20	50
Cd (1 ppm)	∠1	∠1	∠1	Toxic 3
Cr (5 ppm)	Toxic 1600	Toxic 5400	Toxic 4000	Toxic 1200
Pb (5 ppm)	∠5	∠5	Toxic 54	Toxic 7
Hg (0.2 ppm)	∠0.05	∠0.05	Toxic 0.79	∠0.05
Se (1.0 ppm)	∠1	∠1	∠1	∠1
Ag (5 ppm)	∠1	∠1	∠1	∠1
PCB	∠5	∠5	∠5	∠5
Total Organic % Halogens (TOX)	0.10	54.4	3.56	1.34
Recommended EPA Hazardous Waste ID Number	D001	D001	D007	D001
Comments (Other EPA Hazardous Waste ID Number)	D007	D005 D007	D008 D009	D006 D007 D008

HAZARDOUS WASTES CHARACTERISTIC ANALYSIS
OF AIR STATION BARRELS

Prepared by: Elizabeth A. Betz
Date: 11 September 1985

CHARACTERISTIC	See Note 5 SAMPLE # 56	See Note 5 SAMPLE # 57	See Notes 4 & 6 SAMPLE # A	See Note 6 SAMPLE # B
Corrosivity: pH	5-6 Slightly Acidic	7 Neutral	10 Slightly Alkaline	6-7 Neutral
Ignitability: Flash Point (140°F)	>200	Ignitable <85	Ignitable 101	Ignitable <85
Reactivity:				
Cyanide (ppm)	0.8	<3	0.4	<4
Sulfide (ppm)	12	<5	<5	<5
Toxicity (limits)				
As (5 ppm)	<1	<1	<1	<1
Ba (100 ppm)	<20	<20	<20	<20
Cd (1 ppm)	<1	<1	<1	Toxic 5
Cr (5 ppm)	Toxic 4000	Toxic 4000	<10	Toxic 1600
Pb (5 ppm)	Toxic 54	Toxic 54	<5	Toxic 60
Hg (0.2 ppm)	Toxic 0.79	Toxic 0.79	<0.05	Toxic 0.71
Se (1.0 ppm)	<1	<1	<1	<1
Ag (5 ppm)	<1	<1	<1	<1
PCB	<5	<5	<5	<5
Total Organic % Halogens (TOX)	3.56	3.56	0.07	3.56
Recommended EPA Hazardous Waste ID Number	D001	D001	D001	D001
Comments (Other EPA Hazardous Waste ID Number)	D008 D009	D007 D008 D009		D006 D007 D008 D009

NOTES:

1. A pH could not be run due to the nature of sample.
2. Sample numbers 37, 40A and 47 were composited for analysis of metals, PCB and TOX.
3. Sample was either broken in transit or one of the unreadable labels.
4. Sample numbers 40, 48 and unreadable Label A were composited for analysis of metals, PCB and TOX.
5. Sample numbers 45, 54, 56 and 57 were composited for analysis of metals, PCB and TOX.
6. Labels on two samples were unreadable so the laboratory identified them as A and B. At this time it is not possible to tell which of the 6 barrels these two were.

NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIV
Marine Corps Base
Camp Lejeune, North Carolina 28542

May 16, 1985
(Date)

From: Supervisory Ecologist

To: Supervisory ~~Ecologist~~ CHEMIST

Subj: LABORATORY ANALYSIS OF HAZARDOUS WASTE/MATERIAL

Encl. (1): CO MCAS(H), NR LTR. 5100/222 of 10 May 85

1. Please complete the sampling requested in the enclosure NLT 24 May 1985. [redacted] I am available to accompany technician on the initial visit to evaluate requirements of the task. Recommend, Monday afternoon. After the initial site visit, an evaluation of the above due date will be made relative to a possible extension.

Danny
DANNY SHARPE

TUESDAY MORNING 8:30 ← JUST A LOOK-SEE
PICK UP DANNY

UNITED STATES MARINE CORPS
MARINE CORPS AIR STATION
(HELICOPTER)
NEW RIVER, JACKSONVILLE
NORTH CAROLINA 28545-5001

IN REPLY REFER TO:
5100
222
10 May 1985

From: Commanding Officer, Marine Corps Air Station (Helicopter), New River
To: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina (Attn: Chief of Staff, Facilities)

Subj: LABORATORY ANALYSIS OF HAZARDOUS MATERIAL; REQUEST FOR

Ref: (a) BO 6240.5
(b) MCAS/MCB Support Agreement dtd April 85

1. The tenant commands at this installation have recently completed a search of their operating areas to dispose of all excess or unusable hazardous materials. A majority of these materials have been disposed of or are being processed using the guidelines established in reference (a).

2. There are 26 containers of unknown substances that require identification so that they may be processed for disposal. As provided for in reference (b), it is requested that samples be drawn from these containers so that the contents may be identified by analysis. All containers have been secured at the Station Hazardous Waste storage area. Point of contact at this Command is Mary Wheat, extension 6068/6518.

R. A. Yaskovic

R. A. YASKOVIC
By direction

6241/1
NREAD
3 September 1985

From: Supervisory Chemist, Water Quality Control Lab, Environmental Branch
To: Director, Natural Resources and Environmental Affairs Division
Via: Supervisory Ecologist, Environmental Branch

Subj: LABORATORY ANALYSIS OF HAZARDOUS MATERIAL; RESULTS OF

Encl: (1) JTC Environmental Consultants, Inc. Report No. 88
Dated 6 August 1985

1. The enclosure provides data on 20 of the 26 drums stored at the Air Stations's Hazardous Waste Storage Area. The drums were marked with the sample numbers at the time of collection. The drums with sample numbers 38, 39, 41, 42, 43 and 44 will have to be sampled again.

ELIZABETH A BETZ

Writer: E. Betz, NREAD, x5977
Typist: A. Blackstock, 3 September 1985

UNITED STATES MARINE CORPS
Natural Resources and Environmental Affairs Division
Marine Corps Base
Camp Lejeune, North Carolina 28542

IN REPLY REFER TO:
6241/1
NREAD
SEP 11 1985

From: Supervisory Chemist, Water Quality Control Lab, Environmental Branch
To: Director, Natural Resources and Environmental Affairs Division
Via: Supervisory Ecologist, Environmental Branch

Subj: LABORATORY ANALYSIS OF HAZARDOUS MATERIAL; RESULTS OF

Ref: (a) CO, MCAS(H) New River Ltr 5100/222 of 10 May 1985

Encl: (1) JTC Environmental Consultants, Inc. Report No. 88 Dated 6 August 1985
(2) Hazardous Wastes Characteristic Analysis of Air Station Barrels Dated 11 September 1985

1. Enclosure (1) provides data on 20 of the 26 drums stored at the Air Station's Hazardous Waste Storage Area. The drums were marked with the sample numbers at the time of collection. The drums with sample numbers 38, 39, 41, 42, 43 and 44 will have to be sampled again.

2. Enclosure (2) summarizes the data in enclosure (1) and also includes the EPA hazardous waste ID number.

Elizabeth A. Betz
ELIZABETH A. BETZ

UNITED STATES MARINE CORPS
Natural Resources and Environmental Affairs Division
Marine Corps Base
Camp Lejeune, North Carolina 28542

IN REPLY REFER TO:
6241/1
NREAD
3 September 1985

From: Supervisory Chemist, Water Quality Control Lab, Environmental Branch
To: Director, Natural Resources and Environmental Affairs Division
Via: Supervisory Ecologist, Environmental Branch

Subj: LABORATORY ANALYSIS OF HAZARDOUS MATERIAL; RESULTS OF

Encl: (1) JTC Environmental Consultants, Inc. Report No. 88 Dated 6 August 1985

1. The enclosure provides data on 20 of the 26 drums stored at the Air Stations's Hazardous Waste Storage Area. The drums were marked with the sample numbers at the time of collection. The drums with sample numbers 38, 39, 41, 42, 43 and 44 will have to be sampled again.

Elizabeth A Betz
ELIZABETH A BETZ

DDS
3 September 85

6241/1
NREAD
3 September 1985

From: Supervisory Chemist, Water Quality Control Lab, Environmental Branch
To: Director, Natural Resources and Environmental Affairs Division
Via: Supervisory Ecologist, Environmental Branch

Subj: LABORATORY ANALYSIS OF HAZARDOUS MATERIAL; RESULTS OF

Encl: (1) JTC Environmental Consultants, Inc. Report No. 88
Dated 6 August 1985

1. The enclosure provides data on 20 of the 26 drums stored at the Air Stations's Hazardous Waste Storage Area. The drums were marked with the sample numbers at the time of collection. The drums with sample numbers 38, 39, 41, 42, 43 and 44 will have to be sampled again.

ELIZABETH A BETZ

Writer: E. Betz, NREAD, x5977
Typist: A. Blackstock, 3 September 1985

SUMMARY
26 BARRELL @ MCAS-NEW RIVER

1. 6 NEED RESAMPLING - EITHER BROKE OR SAMPLE LABEL UNREADABLE)

2. <u>CORROSIVITY</u> (pH)

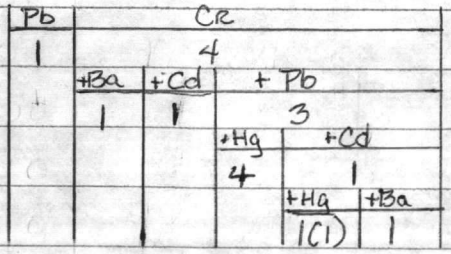
pH	# OF SAMPLES
<2	0
2-6	5
6-9	12 (1 LABEL UNREAD.)
9-12	2 (1 LABEL UNREAD.)
>12	0
NOT RESULT	1
	20 (2 LABEL UNREAD.)

3. <u>IGNITABILITY</u>

FLASH POINT <140°F	14 (2 LABEL UNREAD.)
FLASH POINT >140°F	6
	20 (2 LABEL UNREAD)

4. <u>TOXICITY</u>

NO TOXIC = 3(1)
1 TOXIC = 5
2 TOXIC = 5
3 TOXIC = 5
4 TOXIC = 2(1)
20(2)



5. 2 SHOWED NO COSSOSIVITY, IGNITABILITY OR TOXICITY

NR = NO RESULT

TOX = TOTAL ORGANIC HALOGENS
HALOGENS: F, Cl, Br, I, At

CHARACTERISTIC	33	34	35	36
CORROSIVITY pH	NR	6-7 NEUTRAL	6-7 NEUTRAL	6-7 NEUTRAL
IGNITABILITY FLASH POINT °F (<140°F)	130° IGNITABLE	117 IGNITABLE	95 IGNITABLE	<85 IGNITABLE
REACTIVITY				
CYANIDE (ppm)	2	2	0.6	3
SULFIDE (ppm)	<5	<5	<5	<5
TOXICITY				
As (5 ppm)	<1	<1	<1	<1
Ba (100 ppm)	30	100 (BORDER TOXIC)	500 (TOXIC)	<20
Cd (1 ppm)	<1	<1	13 (TOXIC)	<1
Cr (5 ppm)	160 (TOXIC)	<10	320 (TOXIC)	30 (TOXIC)
Pb (5 ppm)	440 (TOXIC)	<5	20 (TOXIC)	100 (TOXIC)
Hg (0.2 ppm)	0.06	<0.05	<0.05	<0.05
Se (1.0 ppm)	<1	<1	<1	<1
Ag (5 ppm)	<1	<1	<1	<1
PCB	<10	<5	<5	<5
TOX (%)	0.09	0.07	0.05	0.10
HAZARD	IGNITABLE TOXIC - Cr Pb.	IGNITABLE ~~TOXIC~~ (TOXIC - Ba)	IGNITABLE TOXIC - Ba Cd Cr Pb	IGNITABLE TOXIC - Cr Pb.

* - COMPOSITE 1 - #45, 54, 56, 57

** - COMPOSITE 2 - #37, 40A, 41

*** - COMPOSITE 3 - #40, 48, A

CHARACTERISTIC	37	38 ~~40~~	39 ~~41~~	40
CORROSIVITY pH	10 SLIGHTLY ALKALINE	SAMPLES EITHER BROKEN IN TRANSIT OR ONE OF THE UNREADABLE LABELS		6-7 NEUTRAL
IGNITABILITY FLASH POINT	118 IGNITABLE			>200 NOT FLAMMABLE
REACTIVITY				
CYANIDE (ppm)	0.5			1
SULFIDE (ppm)	<5			<5
TOXICITY	**			***
As (5 ppm)	<1			<1
Ba (100 ppm)	<20			<20
Cd (1 ppm)	<1			<1
Cr (5 ppm)	2700 (TOXIC)			<10
Pb (5 ppm)	<5			<5
Hg (0.2 ppm)	<0.05			<0.05
Se (1.0 ppm)	<1			<1
Ag (5 ppm)	<1			<1
PCB	** <5			*** <5
TOX (%)	0.67 **			0.09 ***
HAZARD	IGNITABLE TOXIC - Cr			?

* - COMPOSITE 1 - #45, 54, 56, 57
** - COMPOSITE 2 - #37, 40A,
*** - COMPOSITE 3 - #40, 48, A

CHARACTERISTIC	40A	41	42	43
CORROSIVITY		SAMPLES ONE EITHER BROKEN IN TRANSIT OR OF THE UNREADABLE LABELS		
pH	6			
	NEUTRAL			
IGNITABILITY				
FLASH POINT	<85			
	IGNITABLE			
REACTIVITY				
CYANIDE (ppm)	2			
SULFIDE (ppm)	<5			
TOXICITY	**			
As (5 ppm)	<1			
Ba (100 ppm)	<20			
Cd (1 ppm)	<1			
Cr (5 ppm)	2700 (TOXIC)			
Pb (5 ppm)	<5			
Hg (0.2 ppm)	<0.05			
Se (1.0 ppm)	<1			
Ag (5 ppm)	<1			
	**			
PCB	<5			
TOX (%)	0.67 **			
HAZARD	IGNITABLE TOXIC: Cr			

* - COMPOSITE 1 OF # 45, 54, 56, 57
** - COMPOSITE 2 OF # 37, 40A, [illegible]
*** - COMPOSITE 3 OF 40, 48, A

CHARACTERISTIC	44	45	46	47
CORROSIVITY pH	SAMPLE EITHER BROKEN IN TRANSIT OR ONE OF THE UNREADABLE LABELS	5 SLIGHTLY ACIDIC	6-7 NEUTRAL	5 SLIGHTLY ACIDIC
IGNITABILITY FLASH POINT		<85 IGNITABLE	<85 IGNITABLE ~~IGNABLE~~	<85 IGNITABLE
REACTIVITY				
CYANIDE (ppm)		0.4	1	1
SULFIDE (ppm)		<5	<5	<5
TOXICITY		*		**
As (5 ppm)		<1	<1	<1
Ba (100 ppm)		<20	<20	<20
Cd (1 ppm)		<1	2 (TOXIC)	<1
Cr (5 ppm)		4000 (TOXIC)	2100 (TOXIC)	2700 (TOXIC)
Pb (5 ppm)		54 (TOXIC)	5 (BORDER TOXIC)	<5
Hg (0.2 ppm)		0.79 (TOXIC)	0.13	<0.05
Se (1.0 ppm)		<1	<1	<1
Ag (5 ppm)		<1	<1	<1
PCB		* <5	<5	** <5
TOX (%)		* 3.56	3.52	** 0.67
HAZARD		IGNITABLE TOXIC: Cr Pb Hg	IGNITABLE TOXIC: Cd Cr	IGNITABLE TOXIC: Cr

* - COMPOSITE 1 OF #45, 54, 56, 57
** - COMPOSITE 2 OF #37, 40A, 47
*** - COMPOSITE 3 OF #40, 48, A

CHARACTERISTIC	48	49	50	51
CORROSIVITY pH	5 SLIGHTLY ACIDIC	6-7 NEUTRAL	7 NEUTRAL	6 NEUTRAL
IGNITABILITY FLASH POINT	>200 NOT FLAMMABLE	>200 NOT FLAMMABLE	<85 IGNITABLE	110°F IGNITABLE
REACTIVITY				
CYANIDE (ppm)	2	1	3	1
SULFIDE (ppm)	<5	<5	<5	<5
TOXICITY	***			
As (5 ppm)	<1	<1	<1	<1
Ba (100 ppm)	<20	<20	100 (BORDER TOXIC)	100 (BORDER TOXIC)
Cd (1 ppm)	<1	<1	3 (TOXIC)	1 (BORDER TOXIC)
Cr (5 ppm)	<10	<10	300 (TOXIC)	30 (TOXIC)
Pb (5 ppm)	<5	20 (TOXIC)	900 (TOXIC)	40 (TOXIC)
Hg (0.2 ppm)	<0.05	<0.05	0.25 (TOXIC)	<0.05
Se (1.0 ppm)	<1	<1	<1	<1
Ag (5 ppm)	<1	<1	<1	<1
PCB	*** <5	<5	<5	<10
TOX (%)	*** 0.09	0.08	0.35	3.07
HAZARD	?	TOXIC: Pb	IGNITABLE TOXIC: ~~As~~ ~~Ba~~ Cd Cr Pb Hg	IGNITABLE TOXIC: ~~Ba~~ ~~Cd~~ Pb

* - COMPOSITE 1 OF #45, 54, 56, 57
** - COMPOSITE 2 OF #37, 40A, 47
*** - COMPOSITE 3 OF #40, 48, A

CHARACTERISTIC	52	53	54	55
CORROSIVITY pH	8 NEUTRAL	11-12 ALKALINE	5 SLIGHTLY ACIDIC	8 NEUTRAL
IGNITABILITY FLASH POINT	<85 IGNITABLE	<85 IGNITABLE	>200 NOT FLAMMABLE	~~105°F~~ ignitable ~~NOT FLAMMABLE~~
REACTIVITY				
CYANIDE (ppm)	2	1	0.3	<1
SULFIDE (ppm)	<5	<5	<5	<5
TOXICITY			*	
As (5 ppm)	<1	<1	<1	<1
Ba (100 ppm)	<20	500 (TOXIC)	<20	50
Cd (1 ppm)	<1	<1	<1	3 (TOXIC)
Cr (5 ppm)	1600 (TOXIC)	5400 (TOXIC)	4000 (TOXIC)	1200 (TOXIC)
Pb (5 ppm)	<5	<5	54 (TOXIC)	7 (TOXIC)
Hg (0.2 ppm)	<0.05	<0.05	0.79 (TOXIC)	<0.05
Se (1.0 ppm)	<1	<1	<1	<1
Ag (5 ppm)	<1	<1	<1	<1
PCB	<5	<5	* <5	<5
TOX (%)	0.10	54.4	* 3.54	1.34
HAZARD	IGNITABLE TOXIC: Cr	IGNITABLE TOXIC: Ba Cr	TOXIC: Cr Pb Hg	TOXIC: Cd Cr Pb.

* - COMPOSITE 1 OF #45, 54, 56, 57
** COMBOSITE 2 OF # 37, 40A, 47
*** COMPOSITE 3 OF #40, 48, A

LABEL UNREADABLE

CHARACTERISTIC	56	57	A	B
CORROSIVITY pH	5-6 SLIGHTLY ACIDIC	7 NEUTRAL	10 SLIGHTLY ALKALINE	6-7 NEUTRAL
IGNITABILITY FLASH POINT	>200 NOT FLAMMABLE	<85 IGNITABLE	101 IGNITABLE	<85 IGNITABLE
REACTIVITY				
CYANIDE (ppm)	0.8	<3	0.4	<4
SULFIDE (ppm)	12	<5	<5	<5
TOXICITY	**	*	***	
As (5 ppm)	<1	<1	<1	<1
Ba (100 ppm)	<20	<20	<20	<20
Cd (1 ppm)	<1	<1	<1	5 (TOXIC)
Cr (5 ppm)	4000 (TOXIC)	4000 (TOXIC)	<10	1600 (TOXIC)
Pb (5 ppm)	54 (TOXIC)	54 (TOXIC)	<5	60 (TOXIC)
Hg (0.2 ppm)	0.79 (TOXIC)	0.79 (TOXIC)	<0.05	0.71 (TOXIC)
Se (1.0 ppm)	<1	<1	<1	<1
Ag (5 ppm)	<1	<1	<1	<1
PCB	* <5	* <5	*** <5	<5
TOX (%)	3.56 *	3.56 *	0.07 ***	3.56
HAZARD	TOXIC: Cr, Pb, Hg	IGNITABLE TOXIC: Cr, Pb, Hg	IGNITABLE	IGNITABLE TOXIC: Cd, Cr, Pb, Hg

5200
NREAD
10 June 1985

From: Director, Natural Resources and Environmental Affairs Division, Marine Corps Base, Camp Lejeune
To: Traffic Management Officer, Marine Corps Base, Camp Lejeune

Subj: TRANSPORTATION OF LABORATORY SAMPLES; REQUEST FOR

1. Request shipment of 26 samples to JTC Environmental Consultants, Incorporated, Suite L-10, 4 Research Place, Rockville, Maryland 20850, Attn: Navy Contractor (phone 301/921/9790).

I. WOOTEN

33-37

40, 40A

45-57

Bl
Su

Writer: E. Betz, NREAD 5977
Typist: J. Cross 10Jun85

5200
NREAD
10 June 1985

From: Director, Natural Resources and Environmental Affairs Division, Marine Corps Base, Camp Lejeune
To: Traffic Management Officer, Marine Corps Base, Camp Lejeune

Subj: TRANSPORTATION OF LABORATORY SAMPLES; REQUEST FOR

1. Request shipment of 26 samples to JTC Environmental Consultants, Incorporated, Suite L-10, 4 Research Place, Rockville, Maryland 20850, Attn: Navy Contractor (phone 301/921/9790).

J. I. WOOTEN

Blind copy to:
SupvChem

Writer: E. Betz, NREAD 5977
Typist: J. Cross 10Jun85

PACKAGING AND PRESERVATION WORK REQUEST
MCBCL 4030 (REV 3-70)

TO: PRESERVATION, PACKAGING AND PACKING BRANCH, MOWASP DIV., BMATBN, MCB, CLNC

FROM (UNIT)	DATE	UNIT PRIORITY DESIGNATOR
WATER QUALITY CONTROL LAB	10 JUNE 1985	ASAP
PERSON FAMILIAR WITH WORK REQUESTED	PHONE	BLDG NO.
ELIZABETH A. BETZ	5977	25

FOLLOWING WORK IS REQUESTED

PACKAGE 26 SAMPLES FOR SHIPMENT BY FRIEGHT TRAFFIC.

TYPE WORK REQUESTED (X)	
(*)PACKAGE AND PRESERVE ☐ LEVEL ☐ A ☐ B ☐ C	(*)PACK ☐ LEVEL ☐ A ☐ B ☐ C
CONSTRUCT BOXES ☐ CRATES ☐	PAINT AND MARK ☐ TACTICAL MARK ☐ YES ☐ NO

DETAILS (LIST INSIDE DIMENSIONS IF CONSTRUCTION IS DESIRED; COLOR OF PAINT, PATTERN AND NUMBER OF TACTICAL MARK, ANY SPECIAL INSTRUCTIONS)

CHAIN OF CUSTODY IS INVOLVED. A LAB TECHNICIAN HAS TO STAY WITH SAMPLES ~~AND~~ UNTIL PACKAGED

DEAD LINE DELIVERY DATE	WR NO.	SIGNATURE
		ELIZABETH A. BETZ

Spaces On and Below This Line For P&P Use Only	JON CHARGEABLE	P&P CONTROL NO.

WORK MEASUREMENT INFO PROJ 12				WORK MEASUREMENT INFO PROJ 11 & 94 TOTALS (LESS PROJ 12)			
NO. OF ITEMS	TONS	NO. OF PKGS		CUBE	WEIGHT	VEHICLES	BOXES BUILT

IF SPACES MARKED WITH AN ASTERISK (*) ARE FILLED IN, COMPLETE REVERSE SIDE

LINE ITEMS	NOMENCLATURE	FSN	QUANTITY	UNIT OF ISSUE	NO. PER INTERMEDIATE PACKAGE	NO. OF ITEMS PER PACK	ITEMS PER MULTIPLE PACK NO. OF PACK
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
13.							
14.							
15.							
16.							
17.							
18.							
19.							
20.							
21.							
22.							
23.							
24.							
25.							
26.							
27.							

DATE RECORDED BY P&P BRANCH

PICKED UP BY

DATE COMPLETED BY P&P BRANCH

DATE

SAMPLE # 33 DATE COLLE

NAME OF COLLECTOR H. B. ION OF ITEM

SAMPLED Drum at AS H

COMMENTS: Contents: Paint, Ta

AS Drums

SAMPLE # 34 DATE COLLEC TIME COLLECTED

NAME OF COLLECTOR H. B. LOCATION AND DESCRIPTION OF ITEM

SAMPLED Drum AS HM Lot

COMMENTS Contents: Acetone

SAMPLE # 35 DATE COLLECTED 6/15/85 TIME COLLECTED

NAME OF COLLECTOR H. B. LOCATION AND DESCRIPTION OF IT

SAMPLED Drum AS HM Lot

COMMENTS Contents: Thinner, Paint

SAMPLE # 36 DATE COLLECTED 6/15/85 TIME COLLECTED

NAME OF COLLECTOR H. B. LOCATION AND DESCRIPTION OF IT

SAMPLED Drum AS HM Lot

COMMENTS Contents: Thinner, Paint

SHEET # _____

SAMPLE # 33 DATE COLLECTED 6/5/88 TIME COLLECTED _____

NAME OF COLLECTOR H. B. LOCATION AND DESCRIPTION OF ITEM SAMPLED Drum at AS HM Lot

COMMENTS: Contents: Paint, Tar, Water

SAMPLE # 34 DATE COLLECTED 6/5/88 TIME COLLECTED _____

NAME OF COLLECTOR H. B LOCATION AND DESCRIPTION OF ITEM SAMPLED Drum AS HM Lot

COMMENTS Contents: Acetone

SAMPLE # 35 DATE COLLECTED 6/5/88 TIME COLLECTED _____

NAME OF COLLECTOR H. B LOCATION AND DESCRIPTION OF IT SAMPLED Drum AS HM Lot

COMMENTS Contents: Thinner, Paint

SAMPLE # 36 DATE COLLECTED 6/5/88 TIME COLLECTED _____

NAME OF COLLECTOR H. B LOCATION AND DESCRIPTION OF IT SAMPLED Drum AS HM Lot

COMMENTS Contents: Thinner, Paint

SHEET #

SAMPLE # 37 DATE COLLECTED 6/5/85 TIME COLLECTED

NAME OF COLLECTOR H.B. LOCATION AND DESCRIPTION OF ITEM SAMPLED Drum AS HM Lot

COMMENTS:

SAMPLE # 38 DATE COLLECTED 6/5/85 TIME COLLECTED

NAME OF COLLECTOR H.B. LOCATION AND DESCRIPTION OF ITEM SAMPLED Drum AS HM Lot

COMMENTS

SAMPLE # 39 DATE COLLECTED 6/5/85 TIME COLLECTED

NAME OF COLLECTOR H.B. LOCATION AND DESCRIPTION OF IT SAMPLED Drum AS HM Lot

COMMENTS

SAMPLE # 40 DATE COLLECTED 6/5/85 TIME COLLECTED

NAME OF COLLECTOR H.B. LOCATION AND DESCRIPTION OF IT SAMPLED Drum AS Lot

COMMENTS

SHEET #

SAMPLE # 41 DATE COLLECTED 6/5/85 TIME COLLECTED

NAME OF COLLECTOR H. B. LOCATION AND DESCRIPTION OF ITEM

SAMPLED Drum As Hm Lot

COMMENTS: No sample due to upturned

Resampled 6/17/85

SAMPLE # 42 DATE COLLECTED 6/5/85 TIME COLLECTED

NAME OF COLLECTOR H. B. LOCATION AND DESCRIPTION OF ITEM

SAMPLED Drum As Hm Lot

COMMENTS

SAMPLE # 43 DATE COLLECTED 6/5/85 TIME COLLECTED

NAME OF COLLECTOR H. B. LOCATION AND DESCRIPTION OF IT

SAMPLED Drum As Hm Lot

COMMENTS

SAMPLE # 44 DATE COLLECTED 6/5/85 TIME COLLECTED

NAME OF COLLECTOR H. B. LOCATION AND DESCRIPTION OF IT

SAMPLED Drum As Hm Lot

COMMENTS

SHEET #

SAMPLE # 45 DATE COLLECTED 6/5/85 TIME COLLECTED

NAME OF COLLECTOR H. B. LOCATION AND DESCRIPTION OF ITEM SAMPLED Drum As Hm Lot

COMMENTS: No sample due to steel being hole.
Resampled 6/7/85

SAMPLE # 46 DATE COLLECTED 6/5/85 TIME COLLECTED

NAME OF COLLECTOR H. B. LOCATION AND DESCRIPTION OF ITEM SAMPLED Drum As Hm Lot

COMMENTS

SAMPLE # 47 DATE COLLECTED 6/5/85 TIME COLLECTED

NAME OF COLLECTOR H. B. LOCATION AND DESCRIPTION OF IT SAMPLED Drum As Hm Lot

COMMENTS

SAMPLE # 48 DATE COLLECTED 6/5/85 TIME COLLECTED

NAME OF COLLECTOR H. B. LOCATION AND DESCRIPTION OF IT SAMPLED Drum As. Hm Lot

COMMENTS

SHEET # _____

SAMPLE # 49 DATE COLLECTED 6/5/85 TIME COLLECTED _____

NAME OF COLLECTOR HHB . LOCATION AND DESCRIPTION OF ITEM

SAMPLED Drum As Lat

COMMENTS:

SAMPLE # 50 DATE COLLECTED 6/5/85 TIME COLLECTED _____

NAME OF COLLECTOR H.B . LOCATION AND DESCRIPTION OF ITEM

SAMPLED Drum As Hm Lat

COMMENTS

SAMPLE # 51 DATE COLLECTED 6/5/85 TIME COLLECTED _____

NAME OF COLLECTOR H.B . LOCATION AND DESCRIPTION OF IT

SAMPLED Drum As Hm Lat

COMMENTS

SAMPLE # 52 DATE COLLECTED 6/5/85 TIME COLLECTED _____

NAME OF COLLECTOR H.B . LOCATION AND DESCRIPTION OF IT

SAMPLED Drum As Hm Lat

COMMENTS

SHEET # _____

SAMPLE # 53 DATE COLLECTED 6/5/85 TIME COLLECTED _____

NAME OF COLLECTOR H.B. LOCATION AND DESCRIPTION OF ITEM SAMPLED Drum As Hm Lat

COMMENTS: _____

SAMPLE # 54 DATE COLLECTED 6/5/85 TIME COLLECTED _____

NAME OF COLLECTOR H.B LOCATION AND DESCRIPTION OF ITEM SAMPLED Drum As Hm Lat

COMMENTS No sample due to steel being hole

Resampled 6/7/85

SAMPLE # 55 DATE COLLECTED 6/5/85 TIME COLLECTED _____

NAME OF COLLECTOR H.B LOCATION AND DESCRIPTION OF IT SAMPLED Drum As Hm Lat

COMMENTS _____

SAMPLE # 56 DATE COLLECTED 6/5/85 TIME COLLECTED _____

NAME OF COLLECTOR H.B LOCATION AND DESCRIPTION OF IT SAMPLED Drum As Hm Lat

COMMENTS 5 gal container

Contents A/C cleaning compound

SHEET # _____

SAMPLE # 59 DATE COLLECTED 6/5/85 TIME COLLECTED _____

NAME OF COLLECTOR H. B. LOCATION AND DESCRIPTION OF ITEM SAMPLED Drum As Hon Lot

COMMENTS: 5 gal drum

Contents Methyl Iso Butal Alcohol

SAMPLE # 40 A DATE COLLECTED 6/7/85 TIME COLLECTED _____

NAME OF COLLECTOR H. B. LOCATION AND DESCRIPTION OF ITEM SAMPLED Drum w/ Spec on side but unknown

COMMENTS took sample anyway just more need analysis

SAMPLE # _____ DATE COLLECTED _____ TIME COLLECTED _____

NAME OF COLLECTOR _____ LOCATION AND DESCRIPTION OF IT SAMPLED _____

COMMENTS _____

SAMPLE # _____ DATE COLLECTED _____ TIME COLLECTED _____

NAME OF COLLECTOR _____ LOCATION AND DESCRIPTION OF IT SAMPLED _____

COMMENTS _____

HAZARDOUS WASTES CHARATERISTIC ANALYSIS
OF AIR STATION BARRELS

PREPARED BY: ELIZABETH A. BETZ
DATE 11 SEPTEMBER 1985

CHARACTERISTIC	SAMPLE # 33	SAMPLE # 34	SAMPLE # 35	SAMPLE # 36
CORROSIVITY: pH	NO RESULT SEE NOTE 1.	6-7 NEUTRAL ~~6-7~~	6-7 NEUTRAL	6-7 NEUTRAL
IGNITABILITY: FLASH POINT (140°F)	IGNITABLE 130°	IGNITABLE 117	IGNITABLE 95	IGNITABLE <85
REACTIVITY:				
CYANIDE (ppm)	2	2	0.6	3
SULFIDE (ppm)	<5	<5	<5	<5
TOXICITY (LIMITS):				
As (5 ppm)	<1	<1	<1	<1
BA (100 ppm)	30	100	TOXIC 500	<20
Cd (1 ppm)	<1	<1	TOXIC 13	<1
Cr (5 ppm)	TOXIC 160	<10	TOXIC 320	TOXIC 30
Pb (5 ppm)	TOXIC 440	<5	TOXIC 20	TOXIC 100
Hg (0.2 ppm)	0.06	<0.05	<0.05	<0.05
Se (1.0 ppm)	<1	<1	<1	<1
Ag (5 ppm)	<1	<1	<1	<1
PCB	<10	<5	<5	<5
TOTAL ORGANIC % HALOGENS (TOX)	0.09	0.07	6.05	0.10
RECOMMENDED EPA HAZARDOUS WASTE ID #	D001	D001	D001	D001
COMMENTS (OTHER EPA HW ID #)	~~OTHER~~ D007 D008		D005 D006 D007 D008	D007 D008

~~NOTES~~

~~1. A pH COULD NOT BE RUN DUE TO THE NATURE OF SAMPLE~~

HAZARDOUS WASTES CHARATERISTIC ANALYSIS OF AIR STATION BARRELS

PREPARED BY: ELIZABETH A. BETZ

DATE 11 SEPTEMBER 1985

CHARACTERISTIC	SEE NOTE 2. SAMPLE # 37	~~SEE NOTE 3~~ SAMPLE # 38	~~SEE NOT~~ SAMPLE # 39	SE NOTE 4. SAMPLE # 40
CORROSIVITY:	10			6-7
pH	SLIGHTLY ALKALINE			NEUTRAL
IGNITABILITY:	IGNITABLE			
FLASH POINT (140°F)	118	SEE NOTE 3.	SEE NOTE 3.	>200
REACTIVITY:				
CYANIDE (ppm)	0.5			*
SULFIDE (ppm)	<5			<5
TOXICITY (LIMITS):				
As (5 ppm)	<1			<1
BA (100 ppm)	<20			<20
Cd (1 ppm)	<1			<1
Cr (5 ppm)	TOXIC 2700			<10
Pb (5 ppm)	<5			<5
Hg (0.2 ppm)	<0.05			<0.05
Se (1.0 ppm)	<1			<1
Ag (5 ppm)	<1			<1
PCB	<5			<5
TOTAL ORGANIC % HALOGENS (TOX)	0.67			0.09
RECOMMENDED EPA HAZARDOUS WASTE ID #	D001			NONE
COMMENTS (OTHER EPA HWID #)	D007			

HAZARDOUS WASTES CHARATERISTIC ANALYSIS OF AIR STATION BARRELS

PREPARED BY: ELIZABETH A. BETZ

DATE: 11 SEPTEMBER 1985

CHARACTERISTIC	SEE NOTE 2 SAMPLE # 40A	SAMPLE # 41	SAMPLE # 42	SAMPLE # 43
CORROSIVITY:				
pH	6 NEUTRAL			
IGNITABILITY:	IGNITABLE			
FLASH POINT (140°F)	<85	SEE NOTE 3	SEE NOTE 3	SEE NOTE 3
REACTIVITY:				
CYANIDE (ppm)	2			
SULFIDE (ppm)	<5			
TOXICITY (LIMITS):				
As (5 ppm)	<1			
Ba (100 ppm)	<20			
Cd (1 ppm)	<1			
Cr (5 ppm)	TOXIC 2700			
Pb (5 ppm)	<5			
Hg (0.2 ppm)	<0.05			
Se (1.0 ppm)	<1			
Ag (5 ppm)	<1			
PCB	<5			
TOTAL ORGANIC % HALOGENS (TOX)	0.67			
RECOMMENDED EPA HAZARDOUS WASTE ID #	D001			
COMMENTS (OTHER EPA HW ID #.)	D007			

HAZARDOUS WASTES CHARATERISTIC ANALYSIS

OF

PREPARED BY:

DATE

CHARACTERISTIC	SAMPLE # 44	SEE NOTE 5. SAMPLE # 45	SAMPLE # 46	SEE NOTE 2. SAMPLE # 47
CORROSIVITY: pH		5 SLIGHTLY ACIDIC	6-7 NEUTRAL	5 SLIGHTLY ACIDIC
IGNITABILITY: FLASH POINT (140°F)	SEE NOTE 3.	IGNITABLE <85	IGNITABLE <85	IGNITABLE <85
REACTIVITY:				
CYANIDE (ppm)		0.4	1	1
SULFIDE (ppm)		<5	<5	<5
TOXICITY (LIMITS):				
As (5 ppm)		<1	<1	<1
BA (100 ppm)		<20	<20	<20
Cd (1 ppm)		<1	TOXIC 2	<1
Cr (5 ppm)		TOXIC 4000	TOXIC 2100	TOXIC 2700
Pb (5 ppm)		TOXIC 54	5	<5
Hg (0.2 ppm)		TOXIC 0.79	0.13	<0.05
Se (1.0 ppm)		<1	<1	<1
Ag (5 ppm)		<1	<1	<1
PCB		<5	<5	<5
TOTAL ORGANIC % HALOGENS (TOX)		3.56	3.52	0.67
RECOMMENDED EPA HAZARDOUS WASTE ID #		D001	D001	D001
COMMENTS (OTHER EPA HWID#)		D007 D008 D009	D006 D007	D007

HAZARDOUS WASTES CHARATERISTIC ANALYSIS

OF

PREPARED BY:

DATE

CHARACTERISTIC	SEE NOTE 4. SAMPLE # 48	SAMPLE # 49	SAMPLE # 50	SAMPLE # 51
CORROSIVITY: pH	5 SLIGHTLY ACIDIC	6-7 NEUTRAL	7 NEUTRAL	6 NEUTRAL
IGNITABILITY: FLASH POINT (140°F)	>200	>200	IGNITABLE <85	IGNITABLE 110°F
REACTIVITY:				
CYANIDE (ppm)	2	1	3	1
SULFIDE (ppm)	<5	<5	<5	<5
TOXICITY (LIMITS):				
As (5 ppm)	<1	<1	<1	<1
BA (100 ppm)	<20	<20	100	100
Cd (1 ppm)	<1	<1	TOXIC 3	1
Cr (5 ppm)	<10	<10	TOXIC 300	TOXIC 30
Pb (5 ppm)	<50	TOXIC 20	TOXIC 900	TOXIC 40
Hg (0.2 ppm)	<0.05	<0.05	TOXIC 0.25	<0.05
Se (1.0 ppm)	<1	<1	<1	<1
Ag (5 ppm)	<1	<1	<1	<1
PCB	<5	<5	<5	<10
TOTAL ORGANIC % HALOGENS (TOX)	0.09	0.08	0.35	3.07
RECOMMENDED EPA HAZARDOUS WASTE ID #	NONE	D008	D001	D001
COMMENTS (OTHER EPA HW ID#)			D006 D007 D008 D009	D007 D008

HAZARDOUS WASTES CHARATERISTIC ANALYSIS

OF

PREPARED BY:

DATE

CHARACTERISTIC	SAMPLE # 52	SAMPLE # 53	SEE NOTE 5 SAMPLE # 54	SAMPLE # 55
CORROSIVITY:	8	11-12	5	8
pH	NEUTRAL	ALKALINE	SLIGHTLY ACIDIC	NEUTRAL
IGNITABILITY:	IGNITABLE	IGNITABLE		IGNITABLE
FLASH POINT (140°F)	<85	<85	>200	105°
REACTIVITY:				
CYANIDE (ppm)	2	1	0.3	<1
SULFIDE (ppm)	<5	<5	<5	<5
TOXICITY (LIMITS):				
As (5 ppm)	<1	<1	<1	<1
Ba (100 ppm)	<20	TOXIC 500	<20	50
Cd (1 ppm)	<1	<1	<1	TOXIC 3
Cr (5 ppm)	TOXIC 1600	TOXIC 5400	TOXIC 4000	TOXIC 1200
Pb (5 ppm)	<5	<5	TOXIC 54	TOXIC 7
Hg (0.2 ppm)	<0.05	<0.05	TOXIC 0.79	<0.05
Se (1.0 ppm)	<1	<1	<1	<1
Ag (5 ppm)	<1	<1	<1	<1
PCB	<5	<5	<5	<5
TOTAL ORGANIC %				
HALOGENS (TOX)	0.10	54.4	356	1.34
RECOMMENDED EPA HAZARDOUS WASTE ID #	D001	D001	D007	D001
COMMENTS (OTHER EPA HW ID #)	D007	D005 D007	D008 D009	D006 D007 D008

HAZARDOUS WASTES CHARATERISTIC ANALYSIS

OF

PREPARED BY:

DATE

CHARACTERISTIC	SEE NOTE 5 SAMPLE # 56	SEE NOTE 5 SAMPLE # 57	SEE NOTES 4 + 6 SAMPLE # A	SEE NOTE 6 SAMPLE # B
CORROSIVITY:	5-6	7	10	6-7
pH	SLIGHTLY ACIDIC	NEUTRAL	SLIGHTLY ALKALINE	NEUTRAL
IGNITABILITY:		IGNITABLE	IGNITABLE	IGNITABLE
FLASH POINT (140°F)	>200	<85	101	<85
REACTIVITY:				
CYANIDE (ppm)	0.8	<3	0.4	<4
SULFIDE (ppm)	12	<5	<5	<5
TOXICITY (LIMITS):				
As (5 ppm)	<1	<1	<1	<1
Ba (100 ppm)	<20	<20	<20	<20
Cd (1 ppm)	<1	<1	<1	TOXIC 5
Cr (5 ppm)	TOXIC 4000	TOXIC 4000	<10	TOXIC 1600
Pb (5 ppm)	TOXIC 54	TOXIC 54	<5	TOXIC 60
Hg (0.2 ppm)	TOXIC 0.79	TOXIC 0.79	<0.05	TOXIC 0.71
Se (1.0 ppm)	<1	<1	<1	<1
Ag (5 ppm)	<1	<1	<1	<1
PCB	<5	<5	<5	<5
TOTAL ORGANIC %				
HALOGENS (TOX)	3.56	3.56	0.07	3.56
RECOMMENDED EPA				
HAZARDOUS WASTE ID #	D007	D001	D001	D001
COMMENTS (OTHER EPA HW ID #)	D008 D009	D007 D008 D009		D006 D007 D008 D009

NOTES

1. A pH COULD NOT BE RUN DUE TO THE NATURE OF SAMPLE
2. SAMPLE #s 37, 40A, AND 47 WERE COMPOSITED FOR ANALYSIS OF METALS, PCB AND TOX.
3. SAMPLE WAS EITHER BROKEN IN TRANSIT OR ONE OF THE UNREADABLE LABELS.
4. SAMPLE #s 40, 48, AND UNREADABLE LABEL A WERE COMPOSITED FOR ANALYSIS OF METALS, PCB AND TOX.
5. SAMPLE #s 45, 54, 56 AND 57 WERE COMPOSITED FOR ANALYSIS OF METALS, PCB AND TOX
6. ~~TWO SAMPLES~~ LABELS ON TWO SAMPLES WERE UNREADABLE SO THE LABORATORY IDENTIFIED THEM AS A AND B. AT THIS TIME IT IS NOT POSSIBLE TO TELL WHICH OF THE 6 BARRELS THESE TWO WERE.

Adw

Danny

OPNAV 5216/144 (REV. 6-70)
S/N 0107-LF-778-

DEPARTMENT OF THE NAVY

Memorandum

FROM: Base main

TO: NREAD

SUBJ: Analyze the

It is requ
substance in barr
disposal. This liqui
storage tanks located

Samples
Taken 19NOV85
0930 BECKER + BETZ

DANNY B

T-6241/1

Check with L D Shepard
5158 This is to cover
any Item pumped out of
[illegible] OT.
[illegible] let
[illegible] send
[illegible] Danny D.

BETSY,
FOR YOUR FILES

Turner

Adw

Danny

OPNAV 5216/144 (REV. 6-70)
S/N 0107-LF-778-

DEPARTMENT OF TH

Memoran

FROM: Base main

TO: NREAD

SUBJ: Analyze the

It is requ
substance in barrels located at lot 1165 for proper
disposal. This liquid was removed from under ground
storage tanks located in lot 1102.

Turner

5 Amples
Taken 19 NOV 85
0930 BECKER + BETZ

DANNY B

T-6241/1

Check with L D Shepard
5158. This is to cover
any Item pumped out of
TANKS from 0 or LOT.

If there were any let
me know and I will send
on to Betsy/Danny D.

Adw

Dan DOS

OPNAV 5216/144 (REV. 6-70)
S/N 0107-LF-778-

DEPARTMENT OF THE NAVY

Memorandum

DATE: 11/4/85

FROM: Base maintenance

TO: NREAD

SUBJ: Analyze the content of liquid substance

It is requested that a chemical analysis of liquid substance in Barrels located at lot ~~140~~ 1105 for proper disposal. This liquid was removed from under ground storage tanks located in lot 1102.

Turner

5 Amples
Taken 19 NOV 85
0930 BECKER + BETZ

E FILE 6Z41 /1

PACKAGING AND PRESERVATION WORK REQUEST

NCBCL 4030 (REV 3-70)

TO: PRESERVATION, PACKAGING AND PACKING BRANCH, MOWASP DIV., BMATBN, MCB, CLNC

FROM (UNIT)	DATE	UNIT PRIORITY DESIGNATOR
Water Quality Control Laboratory, NREAD	21 Nov 1985	ASAP
PERSON FAMILIAR WITH WORK REQUESTED	**PHONE**	**BLDG NO.**
Elizabeth A. Betz	451-5977	65

FOLLOWING WORK IS REQUESTED

Package two laboratory samples with analysis request sheet for shipment by Traffic Management Officer.

TYPE WORK REQUESTED (X)	
(•)PACKAGE AND PRESERVE ☐ LEVEL ☐ A ☐ B ☐ C	(•)PACK ☐ LEVEL ☐ A ☐ B ☐ C
CONSTRUCT BOXES ☐ CRATES ☐	PAINT AND MARK ☐ TACTICAL MARK ☐ YES ☐ NO

DETAILS (LIST INSIDE DIMENSIONS IF CONSTRUCTION IS DESIRED; COLOR OF PAINT, PATTERN AND NUMBER OF TACTICAL MARK, ANY SPECIAL INSTRUCTIONS)

Laboratory Technician must stay with samples until package is sealed. Chain of custody is involved.

AA 633 0503 3238 T/21

DEAD LINE DELIVERY DATE	WR NO.	SIGNATURE
22 Nov 1985		Elizabeth A. Betz

For P&P Use Only	JON CHARGEABLE	P&P CONTROL NO.

BASE MAINT.
UNDERGROUND
TANK

WORK MEASUREMENT INFO PROJ 12			WORK MEASUREMENT INFO PROJ 11 & 94 TOTALS (LESS PROJ 12)			
	NO. OF PKGS		CUBE	WEIGHT	VEHICLES	BOXES BUILT

NOV 25 1985
PP&P

IF SPACES MARKED WITH AN ASTERISK (•) ARE FILLED IN, COMPLETE REVERSE SIDE

LINE ITEMS	NOMENCLATURE	FSN	QUANTITY	UNIT OF ISSUE	NO. PER INTERMEDIATE PACKAGE	NO. OF ITEMS PER PACK	ITEMS PER MULTIPLE PACK NO. OF PACK
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
13.							
14.							
15.							
16.							
17.							
18.							
19.							
20.							
21.							
22.							
23.							
24.							
25.							
26.							
27.							

DATE RECORDED BY P&P BRANCH

PICKED UP BY

DATE COMPLETED BY P&P BRANCH

DATE

E FILE 6Z41 /1

PACKAGING AND PRESERVATION WORK REQUEST

MCBCL 4030 (REV 3-70)

TO: PRESERVATION, PACKAGING AND PACKING BRANCH, MOWASP DIV., BMATBN, MCB, CLNC

FROM (UNIT)	DATE	UNIT PRIORITY DESIGNATOR
Water Quality Control Laboratory, NREAD	21 Nov 1985	ASAP
PERSON FAMILIAR WITH WORK REQUESTED	**PHONE**	**BLDG NO.**
Elizabeth A. Betz	451-5977	65

FOLLOWING WORK IS REQUESTED

Package two laboratory samples with analysis request sheet for shipment by Traffic Management Officer.

TYPE WORK REQUESTED (X)	
(•)PACKAGE AND PRESERVE ☐ LEVEL ☐ A ☐ B ☐ C	(•)PACK ☐ LEVEL ☐ A ☐ B ☐ C
CONSTRUCT BOXES ☐ CRATES ☐	PAINT AND MARK ☐ TACTICAL MARK ☐ YES ☐ NO

DETAILS (LIST INSIDE DIMENSIONS IF CONSTRUCTION IS DESIRED; COLOR OF PAINT, PATTERN AND NUMBER OF TACTICAL MARK, ANY SPECIAL INSTRUCTIONS)

Laboratory Technician must stay with samples until package is sealed. Chain of custody is involved.

AA 6 33 0503 3238 T/21

DEAD LINE DELIVERY DATE	WR NO.	SIGNATURE
22 Nov 1985		Elizabeth A. Betz

Spaces On and Below This Line For P&P Use Only	JON CHARGEABLE	P&P CONTROL NO.

WORK MEASUREMENT INFO PROJ 12				WORK MEASUREMENT INFO PROJ 11 & 94 TOTALS (LESS PROJ 12)			
NO. OF ITEMS	TONS	NO. OF PKGS		CUBE	WEIGHT	VEHICLES	BOXES BUILT

NOV 25 1985
PP&P

IF SPACES MARKED WITH AN ASTERISK (•) ARE FILLED IN, COMPLETE REVERSE SIDE

LINE ITEMS	NOMENCLATURE	FSN	QUANTITY	UNIT OF ISSUE	NO. PER INTERMEDIATE PACKAGE	NO. OF ITEMS PER PACK	ITEMS PER MULTIPLE PACK NO. OF PACK
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
13.							
14.							
15.							
16.							
17.							
18.							
19.							
20.							
21.							
22.							
23.							
24.							
25.							
26.							
27.							

DATE RECORDED BY P&P BRANCH

PICKED UP BY

DATE COMPLETED BY P&P BRANCH

DATE

OPNAV 5216/144A (Rev. 8-81)
S/N 0107-[illegible]052-2320

DEPARTMENT OF THE NAVY

Memorandum

4610
NREAD

DATE: 21 Nov 1985

FROM: Director, Natural Resources and Environmental Affairs Division
Marine Corps Base, Camp Lejeune

TO: Traffic Management Officer, Marine Corps Base, Camp Lejeune

SUBJ: TRANSPORTATION OF LABORATORY SAMPLES; REQUEST FOR

1. Request shipment of two laboratory samples to JTC Environmental Consultants, Incorporated, Suite L-10, 4 Research Place, Rockville, Maryland 20850, Attn: Navy Contractor (phone 301-921-9790.

Elizabeth A. Betz
ELIZABETH BETZ
By direction

TCN: M31000 5329 0545 XXX

NOV 25 1985
PP&P

☆U.S. GOVERNMENT PRINTING OFFICE: 1985 — 505-012/18049

NOV 22 1982

ANALYSIS REQUESST

Samples: 1. From an undergro und tank. Beleeved to contain LInsedd Oil, very old

2. From barrels containing probably a combination of Varsol and Turpentine

Parameters Requested: Flash Point
Volatile Organic Chemical
Methyl Ethyl Ketone

Cover Under: Navy Contract

Samples Taken by Water Quality Control Laboratpry, NREAD, Marine Corps Base, Camp Lejeune, North Carolina

Turnaround: Two Weeks

T-6241/1

ROUTINE REPLY, ENDORSEMENT, TRANSMITTAL OR INFORMATION SHEET

OPNAV 5216/158 (Rev. 7-78)
SN 0107-LF-052-1691

A WINDOW ENVELOPE MAY BE USED
Formerly NAVEXOS 3789

CLASSIFICATION (*UNCLASSIFIED when detached from enclosures, unless otherwise indicated*)

FROM (*Show telephone number in addition to address*)
LANTON CODE 1142 564-7221

DATE
24 DEC 85

SUBJECT
TEST RESULTS

SERIAL OR FILE NO.
6280 1142 DPG

TO:
MCB CAMP LEJEUNE
BASE MAINTENANCE
ENVIRONMENTAL AFFAIRS DIVISION

REFERENCE

ENCLOSURE
(1) JTC REPORT #193
(2) " " #194 - PCB
(3) " " #199 - VOC
@ HP-IT

VIA:

ENDORSEMENT ON
———

[X] FORWARDED [ ] RETURNED [ ] FOLLOW-UP, OR TRACER [ ] REQUEST [ ] SUBMIT [ ] CERTIFY [ ] MAIL [ ] FILE

GENERAL ADMINISTRATION	CONTRACT ADMINISTRATION	PERSONNEL
[X] FOR APPROPRIATE ACTION	[ ] NAME & LOCATION OF SUPPLIER OF SUBJECT ITEMS	[ ] REPORTED TO THIS COMMAND:
[ ] UNDER YOUR COGNIZANCE	[ ] SUBCONTRACT NO. OF SUBJECT ITEM	
[ ] INFORMATION	[ ] APPROPRIATION SYMBOL, SUBHEAD, AND CHARGEABLE ACTIVITY	[ ] DETACHED FROM THIS COMMAND
[ ] APPROVAL RECOMMENDED [ ] YES [ ] NO	[ ] SHIPPING AT GOVERNMENT EXPENSE [ ] YES [ ] NO	[ ] OTHER
[ ] APPROVED [ ] DISAPPROVED	[ ] A CERTIFICATE, VICE BILL OF LADING	
[ ] COMMENT AND/OR CONCURRENCE	[ ] COPIES OF CHANGE ORDERS, AMENDMENT OR MODIFICATION	
[ ] CONCUR	[ ] CHANGE NOTICE TO SUPPLIER	
[ ] LOANED, RETURN BY:	[ ] STATUS OF MATERIAL ON PURCHASE DOCUMENT	
[ ] SIGN RECEIPT & RETURN		
[ ] REPLY TO THE ABOVE BY:		
[ ] REFERENCE NOT RECEIVED		
[ ] SUBJECT DOCUMENT FORWARDED TO:		
[ ] SUBJECT DOCUMENT RETURNED FOR:		
[ ] SUBJECT DOCUMENT HAS BEEN REQUESTED, AND WILL BE FORWARDED WHEN RECEIVED		
[ ] COPY OF THIS CORRESPONDENCE WITH YOUR REPLY		
[ ] ENCLOSURE NOT RECEIVED		
[ ] ENCLOSURE FORWARDED AS REQUESTED		
[ ] ENCLOSURE RETURNED FOR CORRECTION AS INDICATED		
[ ] CORRECTED ENCLOSURE AS REQUESTED		
[ ] REMOVE FROM DISTRIBUTION LIST		
[ ] REDUCE DISTRIBUTION AMOUNT TO:		

REMARKS (*Continue on reverse*)

SIGNATURE & TITLE
David Goodman 1142

COPY TO:
1141 (w/o ENCLS (1)(2)), 1142 (w/o ENCLS (2)(3)), 1143 (w/o ENCLS (1)(2)(3)), 1145, 165

CLASSIFICATION (*UNCLASSIFIED when detached from enclosures, unless otherwise indicated*)

☆U.S. Government Printing Office: 1984—705-012/8553 2-1

ORIGINAL IN 11337

REPORT # 193

LABORATORY ANALYSIS ON

NAVAL SAMPLES

(A/E CONTRACT N62470-84-B-6932)

JTC REPORT # 85-541

PREPARED FOR:

DEPARTMENT OF THE NAVY

ATLANTIC DIVISION

NAVAL FACILITIES ENGINEERING COMMAND

NORFOLK, VA 23511

PREPARED BY:

JTC ENVIRONMENTAL CONSULTANTS, INC.

4 RESEARCH PLACE, SUITE L-10

ROCKVILLE, MARYLAND 20850

DECEMBER 16, 1985

Ann E Rosecrance

Ann E. Rosecrance
Laboratory Director

Location: Camp Lejeune MCBCL Date of Receipt: 12-3-85 Turnaround: 2 week

Date: 12/16/85 Report No. 193 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-541 Table 1

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		Flashpoint	VOA						
Tank of Linseed Oil 11-19-85	12-1827	<25°C (a)	see attached sheet						
Barrel of Varsol / Turpentine 11-19-85	12-1828	<25°C (b)	"						

(a) burning occurred at 53°C
(b) burning occurred at 55°C

JTC Environmental Consultants, Inc.

PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 12-1827 PROJECT NO. NF-12 #193

CLIENT SAMPLE # Linseed Oil DATE RECEIVED 12/3/85

METHOD NO. 624 DETECTION LIMIT 50,000 ug/L

PARAMETER	RESULT ug/L	PARAMETER	RESULT ug/L
acrolein	ND	1,2-dichloropropane	ND
acrylonitrile	ND	1,3-dichloropropylene	ND
benzene	ND	ethylbenzene	~~ND~~ 10,700 *
carbon tetrachloride	ND	methylene chloride	ND
chlorobenzene	ND	methyl chloride	ND
1,2-dichloroethane	ND	methyl bromide	ND
1,1,1-trichloroethane	~~ND~~ 19,500 *	bromoform	ND
1,1-dichloroethane	ND	dichlorobromomethane	ND
1,1,2-trichloroethane	ND	trichlorofluoromethane	ND
1,1,2,2-tetrachloroethane	~~ND~~ 11,000 *	dichlorodifluoromethane	ND
chloroethane	ND	chlorodibromomethane	ND
2-chloroethylvinylether	ND	tetrachloroethylene	ND
chloroform	ND	toluene	ND
1,1-dichloroethylene	ND	trichloroethylene	ND
1,2-trans-dichloroethylene	ND	vinyl chloride	ND
		xylenes	~~ND~~ 35,000 *
		Methyl ethyl ketone	ND

ND = NOT DETECTED

* = BELOW DETECTION LIMIT

J T C Environmental Consultants, Inc.

PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 12-1828 PROJECT NO. NF-12 #193

CLIENT SAMPLE # Varsol/Turpentine DATE RECEIVED 12/3/85

METHOD NO. 624 DETECTION LIMIT 50,000 ug/L

PARAMETER	RESULT ug/L	PARAMETER	RESULT ug/L
acrolein	ND	1,2-dichloropropane	ND
acrylonitrile	ND	1,3-dichloropropylene	ND
benzene	ND	ethylbenzene	ND
carbon tetrachloride	ND	methylene chloride	ND
chlorobenzene	ND	methyl chloride	ND
1,2-dichloroethane	ND	methyl bromide	ND
1,1,1-trichloroethane	~~ND~~ 12,000*	bromoform	ND
1,1-dichloroethane	ND	dichlorobromomethane	ND
1,1,2-trichloroethane	ND	trichlorofluoromethane	ND
1,1,2,2-tetrachloroethane	ND	dichlorodifluoromethane	ND
chloroethane	ND	chlorodibromomethane	ND
2-chloroethylvinylether	ND	tetrachloroethylene	ND
chloroform	ND	toluene	~~ND~~ 150,000
1,1-dichloroethylene	ND	trichloroethylene	ND
1,2-trans-dichloroethylene	ND	vinyl chloride	ND
		xylenes	~~ND~~ 25,000*
		methyl ethyl Ketone	ND

ND = NOT DETECTED

* = BELOW DETECTION LIMIT

UNITED STATES MARINE CORPS
Natural Resources and Environmental Affairs Division
Marine Corps Base
Camp Lejeune, North Carolina 28542

IN REPLY REFER TO:
6241/1
NREAD
22 August 1985

From: Supervisory Chemist, Water Quality Control Lab, Environmental Branch
To: Director, Natural Resources and Environmental Affairs Division
Via: Supervisory Ecologist, Environmental Branch D.D.S.

Subj: CONTAMINATED SOIL DEPOSITED AT LANDFILL; ANALYSIS OF

Encl: (1) Excerpts from JTC Environmental Consultants, Inc. Report No. 54 dated 28 June 1985

1. The enclosure provides data on the oil contaminated soil removed from the Fire Training Area and disposed of in the landfill.

Elizabeth A. Betz
ELIZABETH A. BETZ

- -

NREAD
27 Aug 1985

FIRST ENDORSEMENT

From: Director, Natural Resources and Environmental Affairs Division
To: Base Maintenance Officer

1. Readdressed and forwarded.

2. This analysis indicates that the oil contaminated soil removed from the Fire Training Area may be used as cover at the landfill.

JULIAN I. WOOTEN

CONTAMINATED
SOIL
@
LANDFILL

UNITED STATES MARINE CORPS
Natural Resources and Environmental Affairs Division
Marine Corps Base
Camp Lejeune, North Carolina 28542

IN REPLY REFER TO:
6241/1
NREAD
22 August 1985

From: Supervisory Chemist, Water Quality Control Lab, Environmental Branch
To: Director, Natural Resources and Environmental Affairs Division
Via: Supervisory Ecologist, Environmental Branch D.D.S.

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Elizabeth A. Betz
ELIZABETH A. BETZ

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NREAD
27 Aug 1985

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From: Director, Natural Resources and Environmental Affairs Division
To: Base Maintenance Officer

1. Readdressed and forwarded.

2. This analysis indicates that the oil contaminated soil removed from the Fire Training Area may be used as cover at the landfill.

JULIAN I. WOOTEN

EXCERPTS FROM JTC ENVIRONMENTAL CONSULTANTS, INCORPORATED
REPORT NO. 54 DATED 28 JUNE 1985

COMPILED BY ELIZABETH A. BETZ
22 AUGUST 1985

Please note the following:

a. Navy sample ID #28J, 28K and 28L are a composite of soil. Samples were taken from the surface to two feet below from each of the five dump truck piles and mixed into three sample jars.

ENCLOSURE (1)

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 1 Date of Sample Receipt 3/28/85 & 5/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		pH (Corrosivity)	Flashpoint °F	Reactivity Cyanide ppm	Reactivity Sulfide ppm	PCB µg/g			
#23A Bldg HP100	12-0920	7.18	< 85	0.9	< 1	< 1			
23B Bldg HP100	12-0921	6.55	< 85	< 1.0	< 1	< 1			
27H Bldg 251	12-0922	1.52	> 200	0.02	< 0.1	< 1			
27I Bldg 251	12-0923	< 1.0	> 200	0.03	< 0.1	< 5			
#28J Landfill (composite)	12-0924	6.32	> 200	< 0.10	1.0	< 5			
#28K Landfill (composite)	12-0925								
#28L Landfill (composite)	12-0926								
#29 Bldg TP457	12-0927	< 1.0	153	< 0.05	< 0.1	< 1			
#30 Bldg TP457	12-0928	4.89	< 85	< 0.05	< 0.2	< 10			
#31 Bldg TP457	12-0929	5.25	< 85	< 0.05	< 0.5	< 10			
#32O Bldg TP451	12-0930	9.56	< 85	< 1.0	< 0.5	< 10			
#32P Bldg TP451	12-0931	6.85	< 85	6.2	< 1	0.05 µg/ml			
#32Q Bldg TP451	12-0932	6.91	< 85	< 1.0	< 0.5	< 0.1 µg/ml			

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 5 Date of Sample Receipt 3/28/85 & 5/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		As	Ba	Cd	Cr	Pb	Hg	Se	Ag
#23A Bldg HP100	12-0920	<1.0 mg/kg	<20 mg/kg	22.6 mg/kg	1.6 mg/kg	148 mg/kg	0.18 mg/kg	1.5 mg/kg	<1.0 mg/kg
#23B Bldg HP100	12-0921	<1.0 mg/kg	<20 mg/kg	4.8 mg/kg	1.4 mg/kg	0.8 mg/kg	<0.10 mg/kg	2.2 mg/kg	<1.0 mg/kg
#27H Bldg 251	12-0922	<50 ug/L	1170 ug/L	2440 ug/L	65 ug/L	9850 ug/L	<1.0 ug/L	141 ug/L	<50 ug/L
#27I Bldg 251	12-0923	290 ug/L	<1000 ug/L	680 ug/L	13,100 ug/L	3,120 ug/L	<1.0 ug/L	1960 ug/L	<50 ug/L
#28J Landfill (composite)	12-0924	2.3 mg/kg	<20 mg/kg	<0.50 mg/kg	2.3 mg/kg	4.5 mg/kg	<0.10 mg/kg	<0.40 mg/kg	<1.0 mg/kg
#28K Landfill (composite)	12-0925								
#28L Landfill (composite)	12-0926								
#29 Bldg TP457	12-0927	*	*	*	*	*	*	*	*
#30 Bldg TP457	12-0928	<50 ug/L	7800 ug/L	<25 ug/L	<50 ug/L	62.5 ug/L	22 ug/L	<20 ug/L	<50 ug/L
#31 Bldg TP457	12-0929	<50 ug/L	3130 ug/L	<25 ug/L	185 ug/L	21 ug/L	<1.0 ug/L	<20 ug/L	<50 ug/L
#32O Bldg TP451	12-0930	+	+	+	+	+	1925	+	+
#32P Bldg TP451	12-0931	<50 ug/L	1295 ug/L	<25 ug/L	63,600 ug/L	6250 ug/L	3.7 ug/L	<20 ug/L	<50 ug/L
#32Q Bldg TP451	12-0932	<50 ug/L	1535 ug/L	130 ug/L	93,900 ug/L	40,200 ug/L	7.9 ug/L	<20 ug/L	<50 ug/L

* sample depleted

\+ sample requires redigestion prior to completion of analysis

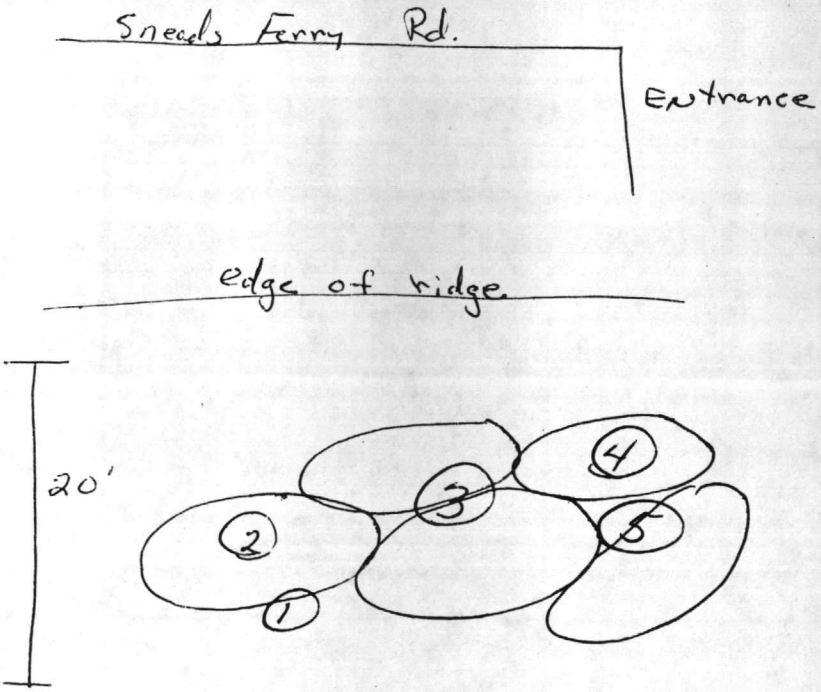
CHARACTERISTIC	LANDFILL #28 J-L			
CORROSIVITY pH	6.32			
IGNITABILITY FLASH POINT	>200 °F			
REACTIVITY				
CYANIDE (ppm)	<0.10 ppm			
SULFIDE (ppm)	1.0 ppm			
TOXICITY	ppm			
As (5 ppm)	2.3			
Ba (100 ppm)	<20			
Cd (1 ppm)	<0.50			
Cr (5 ppm)	2.3			
Pb (5 ppm)	4.5			
Hg (0.2 ppm)	<0.10			
Se (1.0 ppm)	<0.40			
Ag (5 ppm)	<1.0			
PCB	<5 ppb			

NOT TOXIC, IGNITABAE OR CORROSIVE

6241/4

Memo To: Betsy
From: Lainie

On 29 MAR 85 Tom, Marty, and myself sampled the dirt at the landfill that was from the fire training area. Below is the diagram of area and sample numbers:



The soil was taken from surface to two feet below surface and composited into ~~three~~ (3) quart jars.

Sample numbers are # 28J, 28K, 28L.

SHEET # _____

SAMPLE # 27[illegible] DATE COLLECTED 3/[illegible]/85 TIME COLLECTED 1130

NAME OF COLLECTOR H B . LOCATION AND DESCRIPTION OF ITE

SAMPLED Bld 251

COMMENTS: 55 gal drum of unknown Marked (H)
yellow fiberglass (?) drum. Clear solution is contents.
~~or~~ oily.

SAMPLE # 27I DATE COLLECTED 3/28/85 TIME COLLECTED 1150

NAME OF COLLECTOR H B . LOCATION AND DESCRIPTION OF ITE

SAMPLED Bld 251

COMMENTS 55 gal drum of unknown Marked I
Yellow drum. Contents: clear solution, oily.

SAMPLE # 28 J DATE COLLECTED 29 MAR 85 TIME COLLECTED 1300

NAME OF COLLECTOR MARTY, HUNEYCUTT, BARBEE . LOCATION AND DESCRIPTION OF I

SAMPLED Contaminated soil dumped at landfill

COMMENTS 5 piles from dump truck. Composite ~~from cores of six~~ samples of six cores. Filled 3 quart jars.

SAMPLE # 28 K DATE COLLECTED 29 MAR 85 TIME COLLECTED 1300

NAME OF COLLECTOR Marty, Huneycutt, Barbee . LOCATION AND DESCRIPTION OF I

SAMPLED Contaminated soil dumped at landfill

COMMENTS Same as 28 J

SHEET # ____

SAMPLE # 28 DATE COLLECTED 29 MAR 85 TIME COLLECTED 1300

NAME OF COLLECTOR Marty, Hungerth, Barber LOCATION AND DESCRIPTION OF IT

SAMPLED Contaminated soil from landfill.

COMMENTS: Same as 28 J and 28 K.

SAMPLE # 29 DATE COLLECTED 29 MAR 85 TIME COLLECTED 1400

NAME OF COLLECTOR Hiatt, Barber. LOCATION AND DESCRIPTION OF IT

SAMPLED Bldg TP457 7-5 gal. containers (plastic) believed to be H_2SO_4

COMMENTS Composite sample (1 quart) of the 7 containers. Marked all with "29" Clear liquid

SAMPLE # 30 DATE COLLECTED 29 Mar 85 TIME COLLECTED 1415

NAME OF COLLECTOR Hiatt, Barber. LOCATION AND DESCRIPTION OF

SAMPLED Bldg TP 457. 55 gal drum (rusty) Clear liquid

COMMENTS 1 quart sample. Drum marked #30

SAMPLE # 31 DATE COLLECTED 29 Mar 85 TIME COLLECTED 1420

NAME OF COLLECTOR Hiatt, Barber. LOCATION AND DESCRIPTION OF I

SAMPLED Bldg TP 457. same as #30.

COMMENTS Drum marked # 31.

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 1 Date of Sample Receipt 3/28/85 & 5/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		pH (Corrosivity)	Flashpoint °F	Reactivity		PCB µg/g			
				Cyanide ppm	Sulfide ppm				
23A Bldg HP100	12-0920	7.18	< 85	0.9	<1	<1			
23B Bldg HP100	12-0921	6.55	< 85	<1.0	<1	<1			
27H Bldg 251	12-0922	1.52	> 200	0.02	<0.1	<1			
27I Bldg 251	12-0923	<1.0	> 200	0.03	<0.1	<5			
28J Landfill (composite)	12-0924	6.32	> 200	<0.10	1.0	<5			
28K Landfill (composite)	12-0925								
28L Landfill (composite)	12-0926								
29 Bldg TP457	12-0927	<1.0	153	<0.05	<0.1	<1			
30 Bldg TP457	12-0928	4.89	< 85	<0.05	<0.2	<10			
31 Bldg TP457	12-0929	5.25	< 85	<0.05	<0.5	<10			
32O Bldg TP451	12-0930	9.56	< 85	<1.0	<0.5	<10			
32P Bldg TP451	12-0931	6.85	< 85	6.2	<1	0.05 µg/ml			
32Q Bldg TP451	12-0932	6.91	<85	<1.0	<0.5	<0.1 µg/ml			

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 5 Date of Sample Receipt 3/28/85 & 5/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		As	Ba	Cd	Cr	Pb	Hg	Se	Ag
#23A Bldg HP100	12-0920	<1.0 mg/kg	<20 mg/kg	22.6 mg/kg	1.6 mg/kg	148 mg/kg	0.18 mg/kg	1.5 mg/kg	<1.0 mg/kg
#23B Bldg HP100	12-0921	<1.0 mg/kg	<20 mg/kg	4.8 mg/kg	1.4 mg/kg	0.8 mg/kg	<0.10 mg/kg	2.2 mg/kg	<1.0 mg/kg
#27H Bldg 251	12-0922	<50 ug/L	1170 ug/L	2440 ug/L	65 ug/L	9850 ug/L	<1.0 ug/L	141 ug/L	<50 ug/L
#27I Bldg 251	12-0923	290 ug/L	<1000 ug/L	680 ug/L	13,100 ug/L	3,120 ug/L	<1.0 ug/L	1960 ug/L	<50 ug/L
#28J Landfill (composite)	12-0924	2.3 mg/kg	<20 mg/kg	<0.50 mg/kg	2.3 mg/kg	4.5 mg/kg	<0.10 mg/kg	<0.40 mg/kg	<1.0 mg/kg
#28K Landfill (composite)	12-0925								
#28L Landfill (composite)	12-0926								
#29 Bldg TP457	12-0927	*	*	*	*	*	*	*	*
#30 Bldg TP457	12-0928	<50 ug/L	7800 ug/L	<25 ug/L	<50 ug/L	62.5 ug/L	22 ug/L	<20 ug/L	<50 ug/L
#31 Bldg TP457	12-0929	<50 ug/L	3130 ug/L	<25 ug/L	185 ug/L	21 ug/L	<1.0 ug/L	<20 ug/L	<50 ug/L
#32O Bldg TP451	12-0930	+	+	+	+	+	1925	+	+
#32P Bldg TP451	12-0931	<50 ug/L	1295 ug/L	<25 ug/L	63,600 ug/L	6250 ug/L	3.7 ug/L	<20 ug/L	<50 ug/L
#32Q Bldg TP451	12-0932	<50 ug/L	1535 ug/L	130 ug/L	93,900 ug/L	40,200 ug/L	7.9 ug/L	<20 ug/L	<50 ug/L

* Sample depleted

\+ Sample requires redigestion prior to completion of analysis

6241/1
NREAD
22 August 1985

From: Supervisory Chemist, Water Quality Control Lab, Environmental Branch
To: Director, Natural Resources and Environmental Affairs Division
Via: Supervisory Ecologist, Environmental Branch

Subj: CONTAMINATED SOIL DEPOSITED AT LANDFILL; ANALYSIS OF

Encl: (1) Excerpts from JTC Environmental Consultants, Inc. Report No. 54 dated 28 June 1985

1. The enclosure provides data on the oil contaminated soil removed from the Fire Training Area and disposed of in the landfill.

ELIZABETH A. BETZ

Writer: E. Betz, NREAD, 5977
Typist: A. Blackstock, 22 August 1985

EXCERPTS FROM JTC ENVIRONMENTAL CONSULTANTS, INCORPORATED
REPORT NO. 54 DATED 28 JUNE 1985

COMPILED BY ELIZABETH A. BETZ
22 AUGUST 1985

Please note the following:

a. Navy sample ID #28J, 28K and 28L are a composite of soil. Samples were taken from the surface to two feet below from each of the five dump truck piles and mixed into three sample jars.

ENCLOSURE (1)

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 1 Date of Sample Receipt 3/28/85 & 5/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		pH (Corrosivity)	Flashpoint °F	Reactivity Cyanide ppm	Reactivity Sulfide ppm	PCB µg/g			
#23A Bldg HP100	12-0920	7.18	< 85	0.9	<1	<1			
#23B Bldg HP100	12-0921	6.55	< 85	<1.0	<1	<1			
#27H Bldg 251	12-0922	1.52	>200	0.02	<0.1	<1			
#27I Bldg 251	12-0923	<1.0	>200	0.03	<0.1	<5			
#28J Landfill	composite 12-0924	6.32	>200	<0.10	1.0	<5			
#28K Landfill	12-0925								
#28L Landfill	12-0926								
#29 Bldg TP457	12-0927	<1.0	153	<0.05	<0.1	<1			
#30 Bldg TP457	12-0928	4.89	< 85	<0.05	<0.2	<10			
#31 Bldg TP457	12-0929	5.25	< 85	<0.05	<0.5	<10			
#32O Bldg TP451	12-0930	9.56	< 85	<1.0	<0.5	<10			
#32P Bldg TP451	12-0931	6.85	< 85	6.2	<1	0.05 µg/ml			
#32Q Bldg TP451	12-0932	6.91	<85	<1.0	<0.5	<0.1 µg/ml			

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 5 Date of Sample Receipt 3/28/85 & 5/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		As	Ba	Cd	Cr	Pb	Hg	Se	Ag
#23A Bldg HP100	12-0920	<1.0 mg/kg	<20 mg/kg	22.6 mg/kg	1.6 mg/kg	148 mg/kg	0.18 mg/kg	1.5 mg/kg	<1.0 mg/kg
#23B Bldg HP100	12-0921	<1.0 mg/kg	<20 mg/kg	4.8 mg/kg	1.4 mg/kg	0.8 mg/kg	<0.10 mg/kg	2.2 mg/kg	<1.0 mg/kg
#27H Bldg 251	12-0922	<50 ug/L	1170 ug/L	2440 ug/L	65 ug/L	9850 ug/L	<1.0 ug/L	141 ug/L	<50 ug/L
#27I Bldg 251	12-0923	290 ug/L	<1000 ug/L	680 ug/L	13,100 ug/L	3,120 ug/L	<1.0 ug/L	1960 ug/L	<50 ug/L
#28J Landfill (composite)	12-0924	2.3 mg/kg	<20 mg/kg	<0.50 mg/kg	2.3 mg/kg	4.5 mg/kg	<0.10 mg/kg	<0.40 mg/kg	<1.0 mg/kg
#28K Landfill (composite)	12-0925								
#28L Landfill (composite)	12-0926								
#29 Bldg TP457	12-0927	*	*	*	*	*	*	*	*
#30 Bldg TP457	12-0928	<50 ug/L	7800 ug/L	<25 ug/L	<50 ug/L	62.5 ug/L	22 ug/L	<20 ug/L	<50 ug/L
#31 Bldg TP457	12-0929	<50 ug/L	3130 ug/L	<25 ug/L	185 ug/L	21 ug/L	<1.0 ug/L	<20 ug/L	<50 ug/L
#320 Bldg TP451	12-0930	+	+	+	+	+	1925	+	+
#32P Bldg TP451	12-0931	<50 ug/L	1295 ug/L	<25 ug/L	63,600 ug/L	6250 ug/L	3.7 ug/L	<20 ug/L	<50 ug/L
#32Q Bldg TP451	12-0932	<50 ug/L	1535 ug/L	130 ug/L	93,900 ug/L	40,200 ug/L	7.9 ug/L	<20 ug/L	<50 ug/L

* sample depleted

\+ sample requires redigestion prior to completion of analysis

NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIVISI
Marine Corps Base
Camp Lejeune, North Carolina 28542

11 Sept 85
Date

From: Director
To:

To Danny for action

Jackie

DDS

UNITED STATES MARINE CORPS
2d Marine Division, Fleet Marine Force
Camp Lejeune, North Carolina 28542-5500

IN REPLY REFER TO
6240
G-4 ENGR
30 Aug 85

FIRST ENDORSEMENT on CG, MCB CLNC ltr 6240/2 NREAD of 28 Aug 85

From: Commanding General, 2d Marine Division, FMF
To: Commanding Officer, 2d Marine Regiment, 2d Marine Division, FMF (Attn: S-4)

Subj: ANALYSIS OF TWO DRUMS OF HAZARDOUS MATERIAL AT HP-100

Ref: (c) Phonecon btwn Lt McNamer (2d Mar Regt S-4A) and MGySgt Kaup (Div Engr Chf) on 29 Aug 85

1. Readdressed and forwarded for action as discussed during reference (c).

2. Points of contact:

UNIT	NAME	EXTENSION
MCB, CLNC (NREAD)	Mr. Danny Sharpe	2083/1690
2d Mar Regt (S-4)	Lt McNamer	2222/3678
Division Engineers	MGySgt Kaup	2755/2302

3. Direct liaison authorized.

D. J. LAVOY
By direction

Copy to:

CG, MCB CLNC (NREAD)

HP-100

2 55 GAL DRUMS

DES

UNITED STATES MARINE CORPS
2d Marine Division, Fleet Marine Force
Camp Lejeune, North Carolina 28542-5500

IN REPLY REFER TO
6240
G-4 ENGR
30 Aug 85

FIRST ENDORSEMENT on CG, MCB CLNC ltr 6240/2 NREAD of 28 Aug 85

From: Commanding General, 2d Marine Division, FMF
To: Commanding Officer, 2d Marine Regiment, 2d Marine Division, FMF (Attn: S-4)

Subj: ANALYSIS OF TWO DRUMS OF HAZARDOUS MATERIAL AT HP-100

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MCB, CLNC (NREAD)	Mr. Danny Sharpe	2083/1690
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Division Engineers	MGySgt Kaup	2755/2302

3. Direct liaison authorized.

D. J. LAVOY
By direction

Copy to:

CG, MCB CLNC (NREAD)

6240/2 T: 6241/1
NREAD
28 Aug 1985

From: Commanding General, Marine Corps Base, Camp Lejeune
To: Commanding General, 2d Marine Division (Attn: Division Engineers), Camp Lejeune

Subj: ANALYSIS OF TWO DRUMS OF HAZARDOUS MATERIAL AT HP-100

Ref: (a) CO, 2d Marines' ltr 6240 MTO of 8 Jan 1985
(b) BO 6240.5

Encl: (1) Excerpts from JTC Environmental Consultants, Inc. Report No. 54 dated 28 June 1985

1. The enclosure provides information requested by reference (a). The data contained in the enclosure indicates that the two barrels should be disposed of per reference (b) as an ignitable waste, using EPA Hazardous Waste Number D001. Turn-in documents and manifests should also indicate that the items are toxic due to cadmium, lead and selinum content. Point of contact in this matter is Mr. Danny Sharpe, extension 2083.

J. I. WOOTEN
By direction

Blind copy to:
SupvChem

Writer: D. D. Sharpe, NREAD 5003
Typist: J. Cross 28Aug85

EXCERPTS FROM JTC ENVIRONMENTAL CONSULTANTS, INCORPORATED
REPORT NO. 54, DATED 28 JUNE 1985

COMPILED BY ELIZABETH A. BETZ
22 AUGUST 1985

Please note the following:

a. Navy samples ID #23A and #23B are from the two 55-gallon drums located in the parking lot at HP-100. Each was labelled with the #29 when they were sampled.

ENCLOSURE 1

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 5 Date of Sample Receipt 3/28/85 & 5/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
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#27 Bldg 251	12-0922	<50 ug/L	1170 ug/L	2440 ug/L	65 ug/L	9850 ug/L	<1.0 ug/L	141 ug/L	<50 ug/L
#27I Bldg 251	12-0923	290 ug/L	<1000 ug/L	680 ug/L	13,100 ug/L	3,120 ug/L	<1.0 ug/L	1960 ug/L	<50 ug/L
#28J Landfill (composite)	12-0924	2.3 mg/kg	<20 mg/kg	<0.50 mg/kg	2.3 mg/kg	4.5 mg/kg	<0.10 mg/kg	<0.40 mg/kg	<1.0 mg/kg
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#28L Landfill (composite)	12-0926								
#29 Bldg TP457	12-0927	*	*	*	*	*	*	*	*
#30 Bldg TP457	12-0928	<50 ug/L	7800 ug/L	<25 ug/L	<50 ug/L	62.5 ug/L	22 ug/L	<20 ug/L	<50 ug/L
#31 Bldg TP457	12-0929	<50 ug/L	3130 ug/L	<25 ug/L	185 ug/L	21 ug/L	<1.0 ug/L	<20 ug/L	<50 ug/L
#320 Bldg TP451	12-0930	+	+	+	+	+	1925	+	+
#32 Bldg TP451	12-0931	<50 ug/L	1295 ug/L	<25 ug/L	63,600 ug/L	6250 ug/L	3.7 ug/L	<20 ug/L	<50 ug/L
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* sample depleted

\+ sample requires redigestion prior to completion of analysis

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 1 Date of Sample Receipt 3/28/85 & 5/23/85

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				Cyanide ppm	Sulfide ppm				
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#28K Landfill (composite)	12-0925								
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#32O Bldg TP451	12-0930	9.56	< 85	< 1.0	< 0.5	< 10			
#32P Bldg TP451	12-0931	6.85	< 85	6.2	< 1	0.05 µg/ml			
#32Q Bldg TP451	12-0932	6.91	< 85	< 1.0	< 0.5	< 0.1 µg/ml			

6241/1
NREAD
22 August 1985

From: Supervisory Chemist, Water Quality Control Lab, Environmental Branch
To: Director, Natural Resources and Environmental Affairs Division
Via: Supervisory Ecologist, Environmental Branch

Subj: ANALYSIS OF TWO DRUMS LOCATED AT HP-100

Ref: (a) CO, 2d Marines ltr 6240 over MTO of 8 Jan 1985

Encl: (1) Excerpts from JTC Environmental Consultants, Inc. Report No. 54 dated 28 June 1985

1. The enclosure provides data on the two 55-gallon drums, sample #23A and 23B, stored at HP-100.

ELIZABETH A. BETZ

Writer: E. Betz, NREAD, 5977
Typist: A. Blackstock, 22 August 1985

23 A	Cd	Pb	Se	TOXIC FOR CADMIUM, LEAD + SELENIUM	FLAMMABLE	LABEL TRUCK FLAMMABLE
23 B	Cd		Se	TOXIC FOR CADMIUM + SELENIUM	FLAMMABLE	DRUMS FLAM + TOXIC
27H	CORROSIVE					
27I	CORROSIVE					
28J	WITHIN limits OF TOXICITY, IGNITABILITY, REACTIVITY + CORROSIVITY					
28K						
28L						
29	CORROSIVE, COMMBUSTIBLE					
30	CORROSIVE, FLAMMABLE					
31	CORROSIVE, FLAMMABLE					LABEL TRUCK FLAMMABLE, DRUMS THAT ARE ALSO CORROSIVE LABEL w/ BOTH
32O	CORROSIVE, (BASIC) FLAMMABLE					
32P	FLAMMABLE pH 6.85					
32Q	FLAMMABLE pH 6.91					

CHARACTERISTIC	#23A	#23B		
CORROSIVITY				
pH	7.18	6.55		
IGNITABILITY				
FLASH POINT	<85°F FLAMMABLE	<85°F FLAMMABLE		
REACTIVITY				
CYANIDE (ppm)	0.9	<1.0		
SULFIDE (ppm)	<1	<1		
TOXICITY				
As (5 ppm)	<1.0 (ppm) mg/kg	<1.0 (ppm) mg/kg		
Ba (100 ppm)	<20	<20		
Cd (1 ppm)	TOXIC 22.6	TOXIC 4.8		
Cr (5 ppm)	1.6	1.4		
Pb (5 ppm)	TOXIC 148	0.8		
Hg (0.2 ppm)	0.18	<0.10		
Se (1.0 ppm)	TOXIC 1.5	TOXIC 2.2		
Ag (5 ppm)	<1.0	<1.0		
	TOXIC	TOXIC		
PCB	<1	<1		

Scotch® 7664 "Post-it" Routing-Request Pad

ROUTING - REQUEST

Please

- [ ] READ
- [ ] HANDLE
- [ ] APPROVE

and

- [ ] FORWARD
- [ ] RETURN
- [ ] KEEP OR DISCARD
- [ ] REVIEW WITH ME

Date _____

To Betsy.

Please do an onsite inspection by 18 JAN 85 and Take samples by 25 JAN 85

From Danny

ATTN: Danny

1. Attached is forwarded for info/action.

18 JAN 85

DANNY,

2. BOB MADE A ~~VIS~~ VISIT @ 1030 TODAY. IF I HAVE TO BE AT THE SAMPLING. IT WILL HAVE TO WAIT UNTIL PROBABLY THE WEEK OF 28 JAN 1985.

3. O.K.

Sampled 3/26/85 H

BETSY DDS

"LET'S THINK OF A FEW REASONS WHY IT CAN BE DONE"

Sampled 3/26/85

MCBCL 5216/21 (REV. 6-83)

ASSISTANT CHIEF OF STAFF, FACILITIES
HEADQUARTERS, MARINE CORPS BASE

DATE 23 JA

TO:

BASE MAINT O
PUBLIC WORKS O
COMM-ELECT O
DIR, NAT RESOURCES & ENV. AFFAIRS

DIR, FAMILY HOUSING
DIR, UNACCOMPANIED
BASE FIRE CHIEF

Please initial, or comment, and return all paperS to this office.

Your file copy.

LET'S THINK OF A FEW REASONS
WHY IT CAN BE DONE"

MCBOL 2298

Scotch® 7664 "Post-it" Routing-Request Pad

ROUTING - REQUEST

Please

- [ ] READ
- [ ] HANDLE
- [ ] APPROVE

and

- [ ] FORWARD
- [ ] RETURN
- [ ] KEEP OR DISCARD
- [ ] REVIEW WITH ME

To Betsy

Please do an onsite inspection by 18 JAN 85 and Take samples by 25 JAN 85

From Danny

Date

ATTN: Danny

1. Attached is forwarded for info/action.

18 JAN 85

DANNY,

2. BOB MADE A ~~TAS~~ VISIT @ 1030 TODAY. IF I HAVE TO BE AT THE SAMPLING. IT WILL HAVE TO WAIT UNTIL PROBABLY THE WEEK OF 28 JAN 1985.

3. O.K.

Sampled 3/26/85 H

BETSY DDS

"LET'S THINK OF A FEW REASONS WHY IT CAN BE DONE"

Original Samples / Dum

(2)

MCBCL 5216/21 (REV. 6-83)

ASSISTANT CHIEF OF STAFF, FACILITIES
HEADQUARTERS, MARINE CORPS BASE

DATE 21 JA

TO:

BASE MAINT O
PUBLIC WORKS O
COMM-ELECT O
DIR. NAT. RESOURCES & ENV. AFFAIRS
DIR. FAMILY HOUSING
DIR. UNACCOMPANIED
BASE FIRE CHIEF

Please initial, or comment, and return all papers to this office.

Your file copy.

Scotch® 7664 "Post-it" Routing-Request Pad

ROUTING - REQUEST

Please

- [ ] READ
- [ ] HANDLE
- [ ] APPROVE

and

- [ ] FORWARD
- [ ] RETURN
- [ ] KEEP OR DISCARD
- [ ] REVIEW WITH ME

To Betsy

Please do an onsite inspection by 18 JAN 85 and Take samples by 25 JAN 85

From Danny

Date _____

N 1985

PERS HSG

ATTN: Danny

1. Attached is forwarded for info/action.

2. Please initial, or comment, and return all papers to this office.

3. Your file copy.

J. G. Fitzgerald
By dir

"LET'S THINK OF A FEW REASONS
WHY IT CAN BE DONE"

Original Samples / Dum
(2)

MCBCL 5216/21 (REV. 6-83)

JdW. 85
1-15

ASSISTANT CHIEF OF STAFF, FACILITIES
HEADQUARTERS, MARINE CORPS BASE

DATE 11 JAN 1985

TO:

BASE MAINT O
PUBLIC WORKS O
COMM-ELECT O
DIR., NAT. RESOURCES & ENV. AFFAIRS
DIR, FAMILY HOUSING
DIR, UNACCOMPANIED PERS HSG
BASE FIRE CHIEF

JdW

ATTN: Danny

1. Attached is forwarded for info/action.

2. Please initial, or comment, and return all papers to this office.

3. Your file copy.

J. G. Fitzgerald
By dir

"LET'S THINK OF A FEW REASONS
WHY IT CAN BE DONE"

Original Samples / Dum
(2)

MCBCL 5216/21 (REV. 6-83)

UNITED STATES MARINE CORPS
2d Marine Division, Fleet Marine Force
Camp Lejeune, North Carolina 28542

IN REPLY REFER TO:
6240
G-4 ENGR
9 Jan 85

FIRST ENDORSEMENT on CO 2d Mar ltr 6240 over MTO dtd 8 Jan 1985

From: Commanding General, 2d Marine Division, FMF
To: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina 28542 (Attn: AC/S Facilities)

Subj: REQUEST FOR SAMPLING AND ANALYSIS OF HAZARDOUS MATERIALS/WASTE

1. Forwarded recommending approval.

M L Ogilvie
M. L. OGILVIE
By direction

Copy to:
AC/S, G-4
CO, 2d Mar (S-4)
2d Mar (MTO)
file

6240
G-4 ENGR
9 Jan 85

FIRST ENDORSEMENT on CO 2d Mar ltr 6240 over MTO dtd 8 Jan 1985

From: Commanding General, 2d Marine Division, FMF
To: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina 28542 (Attn: AC/S Facilities)

Subj: REQUEST FOR SAMPLING AND ANALYSIS OF HAZARDOUS MATERIALS/WASTE

1. Forwarded recommending approval.

M. L. OGILVIE
By direction

Copy to:
AC/S, G-4
CO, 2d Mar (S-4)
2d Mar (MTO)
file

UNITED STATES MARINE CORPS
2d Marines, 2d Marine Division, FMF
Camp Lejeune, North Carolina 28542

6240
MTO
8 Jan 1985

From: Commanding Officer
To: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina 28542 (Attn: AC/S Facilities)
Via: Commanding General, 2d Marine Division, FMF, Camp Lejeune, North Carolina 28542 (Attn: AC/S G-4/HMDC)

Subj: REQUEST FOR SAMPLING AND ANALYSIS OF HAZARDOUS MATERIALS/ WASTE

Ref: (a) CG MCB ltr 6240 over NREAD dtd 10 Sep 1984

1. In accordance with the reference, it is requested that an analysis be made of the contents of two (2) 55 gal drums of an unknown mixture of materials. These drums could contain some MOGAS, paint thinner, Xylene NSN 6810-00-598-6600, mineral spirits NSN 6850-00-264-9038, and lubricating oil. The drums are located in the parking lot of HP 100.

2. Point of contact for this unit is Capt M. T. HOSCHEID ext. 3404/3460.

G. W. Collenborne
G. W. COLLENBORNE
By direction

UNITED STATES MARINE CORPS
2d Marines, 2d Marine Division, FMF
Camp Lejeune, North Carolina 28542

6240
MTO
5 Jan 1985

From: Commanding Officer
To: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina 28542 (Attn: AC/S Facilities)
Via: Commanding General, 2d Marine Division, FMF, Camp Lejeune, North Carolina 28542 (Attn: AC/S G-4/HMDC)

Subj: REQUEST FOR SAMPLING AND ANALYSIS OF HAZARDOUS MATERIALS/WASTE

Ref: (a) TCB MCB [illegible] 6240 over NREAD dtd 10 Sep 1984

1. In accordance with the reference, it is requested that an analysis be made of the contents of two (2) 55 gal drums of an unknown mixture of materials. These drums could contain some MOGAS, paint thinner, Xylene, NSN 6810-00-598-6600, mineral spirits NSN 6850-00-264-9038, and lubricating [illegible]. The drums are located in the parking lot of HR 100.

2. Point of contact for this unit is Capt M. T. ROSCHEID ext. 3404/3460.

G. W. [illegible]
By direction

UNITED STATES MARINE CORPS
2d Marines, 2d Marine Division, FMF
Camp Lejeune, North Carolina 28542

6240
MTO
8 Jan 1985

From: Commanding Officer
To: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina 28542 (Attn: AC/S Facilities)
Via: Commanding General, 2d Marine Division, FMF, Camp Lejeune, North Carolina 28542 (Attn: AC/S G-4/HMDC)

Subj: REQUEST FOR SAMPLING AND ANALYSIS OF HAZARDOUS MATERIALS/ WASTE

Ref: (a) CG MCB ltr 6240 over NREAD dtd 10 Sep 1984

1. In accordance with the reference, it is requested that an analysis be made of the contents of two (2) 55 gal drums of an unknown mixture of materials. These drums could contain some MOGAS, paint thinner, Xylene NSN 6810-00-598-6600, mineral spirits NSN 6850-00-264-9038, and lubricating oil. The drums are located in the parking lot of HP 100.

2. Point of contact for this unit is Capt M. T. HOSCHEID ext. 3404/3460.

G. W. COLLENBORNE
By direction

UNITED STATES MARINE CORPS
2d Marines, 2d Marine Division, FMF
Camp Lejeune, North Carolina 28542

6240
MTO
8 Jan 1985

From: Commanding Officer
To: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina 28542 (Attn: AC/S Facilities)
Via: Commanding General, 2d Marine Division, FMF, Camp Lejeune, North Carolina 28542 (Attn: AC/S G-4/HMDC)

Subj: REQUEST FOR SAMPLING AND ANALYSIS OF HAZARDOUS MATERIALS/WASTE

Ref: (a) CG MCB 11 6240 over NREAD dtd 10 Sep 1984

1. In accordance with the reference, it is requested that an analysis be made of the contents of two (2) 55 gal drums of an unknown mixture of materials. These drums could contain some MOGAS, paint thinner, Xylene NSN 6810-00-598-6600, mineral spirits NSN 6850-00-260-9088, and lubricating oil. The drums are located in the parking lot of HP 100.

2. Point of contact for this unit is Capt M. T. HOSCHEID ext. 3404/3460.

C. W. COLLENBORNE
By direction

MOTOR BOOZ

2ND DECK

HQ CO OFFICE

HP 100

FIRE STATION

10:30

5159

23.15.

247.5

Bo INSPECTED 1/18/85

@ 1030

1 full
1 4/5 full

2" OPENNING

BARRELLS IN GOOD.

HAZARDOUS WASTE PAINTED ON THEM

SHEET # _____

1. SAMPLE # 23-A DATE COLLECTED 3/26/85 TIME COLLECTED 1208

NAME OF COLLECTOR H:B . LOCATION AND DESCRIPTION OF ITEM SAMPLED HP-100

COMMENTS: 55 gal drum of unknown
Drum Marked (A) Light Brown (Light)
Capt. promised to secure w/pallet + band
3/27/85 Both drums were secured this A.M.

2. SAMPLE # 23-B DATE COLLECTED 3/26/85 TIME COLLECTED 1212

NAME OF COLLECTOR H:B . LOCATION AND DESCRIPTION OF ITEM SAMPLED HP-100

COMMENTS 55 gal drum of unknown
Drum Marked (B) Light Brown (Light)
Capt. promised to secure w/ pallet + band

3. SAMPLE # 24-A DATE COLLECTED 3/27/85 TIME COLLECTED 0845

NAME OF COLLECTOR H+B . LOCATION AND DESCRIPTION OF IT SAMPLED Old Hospital Steam Plant underground (H-20)

COMMENTS Storage tank, Facing building tank on left w/ orange (A) under lid (Dark Black thick w/ alot of water)

4. SAMPLE # 24-B DATE COLLECTED 3/27-85 TIME COLLECTED 0900

NAME OF COLLECTOR H+B . LOCATION AND DESCRIPTION OF IT SAMPLED Old Hospital Steam Plant underground (H-20)

COMMENTS Storage tank Facing building tank on left w/ orange (B) under lid. Dark Black thick w/ alot of water

6241/1
NREAD
22 August 1985

From: Supervisory Chemist, Water Quality Control Lab, Environmental Branch
To: Director, Natural Resources and Environmental Affairs Division
Via: Supervisory Ecologist, Environmental Branch

Subj: ANALYSIS OF TWO DRUMS LOCATED AT HP-100

Ref: (a) CO, 2d Marines ltr 6240 over MTO of 8 Jan 1985

Encl: (1) Excerpts from JTC Environmental Consultants, Inc. Report No. 54 dated 28 June 1985

1. The enclosure provides data on the two 55-gallon drums, sample #23A and 23B, stored at HP-100.

ELIAZABETH A. BETZ

Writer: E. Betz, NREAD, 5977
Typist: A. Blackstock, 22 August 1985

EXCERPTS FROM JTC ENVIRONMENTAL CONSULTANTS, INCORPORATED
REPORT NO. 54, DATED 28 JUNE 1985

COMPILED BY ELIZABETH A. BETZ
22 AUGUST 1985

Please note the following:

a. Navy samples ID #23A and #23B are from the two 55-gallon drums located in the parking lot at HP-100. Each was labelled with the #29 when they were sampled.

ENCLOSURE 1

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 1 Date of Sample Receipt 3/28/85 & 5/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		pH (Corrosivity)	Flashpoint °F	Reactivity		PCB µg/g			
				Cyanide ppm	Sulfide ppm				
#23A Bldg HP100	12-0920	7.18	< 85	0.9	<1	<1			
#23B Bldg HP100	12-0921	6.55	< 85	<1.0	<1	<1			
#27H Bldg 251	12-0922	1.52	>200	0.02	<0.1	<1			
#27I Bldg 251	12-0923	<1.0	>200	0.03	<0.1	<5			
#28J Landfill (composite)	12-0924	6.32	>200	<0.10	1.0	<5			
#28K Landfill (composite)	12-0925								
#28L Landfill (composite)	12-0926								
#29 Bldg TP457	12-0927	<1.0	153	<0.05	<0.1	<1			
#30 Bldg TP457	12-0928	4.89	<85	<0.05	<0.2	<10			
#31 Bldg TP457	12-0929	5.25	<85	<0.05	<0.5	<10			
#32O Bldg TP451	12-0930	9.56	<85	<1.0	<0.5	<10			
#32P Bldg TP451	12-0931	6.85	<85	6.2	<1	0.05 µg/ml			
#32Q Bldg TP451	12-0932	6.91	<85	<1.0	<0.5	<0.1 µg/ml			

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 5 Date of Sample Receipt 3/28/85 & 5/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		As	Ba	Cd	Cr	Pb	Hg	Se	Ag
#23A Bldg HP100	12-0920	<1.0 mg/kg	<20 mg/kg	22.6 mg/kg	1.6 mg/kg	148 mg/kg	0.18 mg/kg	1.5 mg/kg	<1.0 mg/kg
#23B Bldg HP100	12-0921	<1.0 mg/kg	<20 mg/kg	4.8 mg/kg	1.4 mg/kg	0.8 mg/kg	<0.10 mg/kg	2.2 mg/kg	<1.0 mg/kg
#27H Bldg 251	12-0922	<50 ug/L	1170 ug/L	2440 ug/L	65 ug/L	9850 ug/L	<1.0 ug/L	141 ug/L	<50 ug/L
#27I Bldg 251	12-0923	290 ug/L	<1000 ug/L	680 ug/L	13,100 ug/L	3,120 ug/L	<1.0 ug/L	1960 ug/L	<50 ug/L
#28J Landfill (composite)	12-0924	2.3 mg/kg	<20 mg/kg	<0.50 mg/kg	2.3 mg/kg	4.5 mg/kg	<0.10 mg/kg	<0.40 mg/kg	<1.0 mg/kg
#28K Landfill (composite)	12-0925								
#28L Landfill (composite)	12-0926								
#29 Bldg TP457	12-0927	*	*	*	*	*	*	*	*
#30 Bldg TP457	12-0928	<50 ug/L	7800 ug/L	<25 ug/L	<50 ug/L	62.5 ug/L	22 ug/L	<20 ug/L	<50 ug/L
#31 Bldg TP457	12-0929	<50 ug/L	3130 ug/L	<25 ug/L	185 ug/L	21 ug/L	<1.0 ug/L	<20 ug/L	<50 ug/L
#32O Bldg TP451	12-0930	+	+	+	+	+	1925	+	+
#32P Bldg TP451	12-0931	<50 ug/L	1295 ug/L	<25 ug/L	63,600 ug/L	6250 ug/L	3.7 ug/L	<20 ug/L	<50 ug/L
#32Q Bldg TP451	12-0932	<50 ug/L	1535 ug/L	130 ug/L	93,900 ug/L	40,200 ug/L	7.9 ug/L	<20 ug/L	<50 ug/L

* sample depleted

\+ sample requires redigestion prior to completion of analysis

9 Aug 85

6240/2
NREAD
9 Aug 85

From: Commanding General, Marine Corps Base, Camp Lejeune
To: Commanding General, 2d Force Service Support Group, Camp Lejeune

Subj: TESTING OF UNKNOWN CHEMICALS AT TP-457

Ref: (a) OIC, SASSY Management Unit ltr 11000 SMU/JJH/sb of 11 Feb 1985
(b) BO 6240.5

Encl: (1) Excerpts from JTC Environmental Consultants, Inc. Report No. 54 dated 28 June 1985

1. The enclosure provides information requested by the Engineer Support Officer's endorsement to reference (a). The information is required for disposal of the subject items per reference (b). The container marked "29" should be managed as a corrosive EPA hazardous waste No. D002. Containers marked "30" and "31" are highly flammable and should be disposed of as ignitable wastes, EPA hazardous waste No. D001.

2. Point of contact in this matter is Mr. Danny Sharpe, Natural Resources and Environmental Affairs Division, extension 5003.

R. A. TIEBOUT
By direction

Blind copy to:
→ SupvChem, NREAD

BLDG TP-457
1-5 GAL CANS
2-55 GAL DRUMS
UNKNOWN

Writer: D. D. Sharpe, NREAD 5003
Typist: J. Cross 9Aug85

9 Aug 85

6240/2
NREAD
9 Aug 85

From: Commanding General, Marine Corps Base, Camp Lejeune
To: Commanding General, 2d Force Service Support Group, Camp Lejeune

Subj: TESTING OF UNKNOWN CHEMICALS AT TP-457

Ref: (a) OIC, SASSY Management Unit ltr 11000 SMU/JJH/sb of 11 Feb 1985
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Encl: (1) Excerpts from JTC Environmental Consultants, Inc. Report No. 54 dated 28 June 1985

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R. A. TIEBOUT
By direction

Blind copy to:
→ SupvChem, NREAD

Writer: D. D. Sharpe, NREAD 5003
Typist: J. Cross 9Aug85

EXCERPTS FROM JTC ENVIRONMENTAL CONSULTANTS, INC.
REPORT NO. 54, DATED 28 JUNE 1985

COMPILED BY ELIZABETH A. BETZ
7 AUGUST 1985

Please note the following:

a. Navy sample ID #29 is a composite of the seven five-gallon drums stored at TP-457. Each was labelled with the #29 when they were sampled.

b. Navy sample ID #30 and 31 are from the two 55-gallon drums stored at TP-457. The barrels were labelled with the sample numbers when they were sampled.

(ENCLOSURE 1)

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 1 Date of Sample Receipt 3/28/85 & 5/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		pH (Corrosivity)	Flashpoint °F	Reactivity Cyanide ppm	Reactivity Sulfide ppm	PCB µg/g			
#23A Bldg HP100	12-0920	7.18	< 85	0.9	<1	<1			
#23B Bldg HP100	12-0921	6.55	< 85	<1.0	<1	<1			
#2[illegible] Bldg 251	12-0922	1.52	>200	0.02	<0.1	<1			
#27I Bldg 251	12-0923	<1.0	>200	0.03	<0.1	<5			
#28J Landfill (composite)	12-0924	6.32	>200	<0.10	1.0	<5			
#28K Landfill (composite)	12-0925								
#28L Landfill (composite)	12-0926								
#29 Bldg TP457	12-0927	<1.0	153	<0.05	<0.1	<1			
#30 Bldg TP457	12-0928	4.89	<85	<0.05	<0.2	<10			
#31 Bldg TP457	12-0929	5.25	<85	<0.05	<0.5	<10			
#32O Bldg TP451	12-0930	9.56	<85	<1.0	<0.5	<10			
#32P Bldg TP451	12-0931	6.85	<85	6.2	<1	0.05 µg/ml			
#32Q Bldg TP451	12-0932	6.91	<85	<1.0	<0.5	<0.1 µg/ml			

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 5 Date of Sample Receipt 3/28/85 & 5/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		As	Ba	Cd	Cr	Pb	Hg	Se	Ag
#23A Bldg HP100	12-0920	<1.0 mg/kg	<20 mg/kg	22.6 mg/kg	1.6 mg/kg	148 mg/kg	0.18 mg/kg	1.5 mg/kg	<1.0 mg/kg
#23B Bldg HP100	12-0921	<1.0 mg/kg	<20 mg/kg	4.8 mg/kg	1.4 mg/kg	0.8 mg/kg	<0.10 mg/kg	2.2 mg/kg	<1.0 mg/kg
#27H Bldg 251	12-0922	<50 ug/L	1170 ug/L	2440 ug/L	65 ug/L	9850 ug/L	<1.0 ug/L	141 ug/L	<50 ug/L
#27I Bldg 251	12-0923	290 ug/L	<1000 ug/L	680 ug/L	13,100 ug/L	3,120 ug/L	<1.0 ug/L	1960 ug/L	<50 ug/L
#28J Landfill	composite 12-0924	2.3 mg/kg	<20 mg/kg	<0.50 mg/kg	2.3 mg/kg	4.5 mg/kg	<0.10 mg/kg	<0.40 mg/kg	<1.0 mg/kg
#28K Landfill	12-0925								
#28L Landfill	12-0926								
#29 Bldg TP457	12-0927	*	*	*	*	*	*	*	*
#30 Bldg TP457	12-0928	<50 ug/L	7800 ug/L	<25 ug/L	<50 ug/L	62.5 ug/L	22 ug/L	<20 ug/L	<50 ug/L
#31 Bldg TP457	12-0929	<50 ug/L	3130 ug/L	<25 ug/L	185 ug/L	21 ug/L	<1.0 ug/L	<20 ug/L	<50 ug/L
#32O Bldg TP451	12-0930	+	+	+	+	+	1925	+	+
#32P Bldg TP451	12-0931	<50 ug/L	1295 ug/L	<25 ug/L	63,600 ug/L	6250 ug/L	3.7 ug/L	<20 ug/L	<50 ug/L
#32Q Bldg TP451	12-0932	<50 ug/L	1535 ug/L	130 ug/L	93,900 ug/L	40,200 ug/L	7.9 ug/L	<20 ug/L	<50 ug/L

* sample depleted

\+ sample requires redigestion prior to completion of analysis

6241/1
NREAD
7 August 1985

From: Supervisory Chemist, Water Quality Control Lab, Environmental Branch
To: Director, Natural Resources and Environmental Affairs Division
Via: Supervisory Ecologist, Environmental Branch

Subj: TESTING OF UNKNOWN CHEMICALS STORED AT TP-457

Encl: (1) Excerpts from JTC Environmental Consultants, Inc. Report No. 54 Dated 28 June 1985

1. The enclosure provides data on the seven five-gallon drums, sample #29, and the two 55-gallon drums, sample #30 and 31, stored at TP-457.

ELIZABETH A. BETZ

Writer: E. Betz, NREAD, 5977
Typist: A. Blackstock, 7 August 1985

EXCERPTS FROM JTC ENVIRONMENTAL CONSULTANTS, INC.
REPORT NO. 54, DATED 28 JUNE 1985

COMPILED BY ELIZABETH A. BETZ
7 AUGUST 1985

Please note the following:

a. Navy sample ID #29 is a composite of the seven five-gallon drums stored at TP-457. Each was labelled with the #29 when they were sampled.

b. Navy sample ID #30 and 31 are from the two 55-gallon drums stored at TP-457. The barrels were labelled with the sample numbers when they were sampled.

(ENCLOSURE 1)

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 1 Date of Sample Receipt 3/28/85 & 5/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		pH (Corrosivity)	Flashpoint °F	Reactivity Cyanide ppm	Reactivity Sulfide ppm	PCB µg/g			
#23A Bldg HP100	12-0920	7.18	< 85	0.9	<1	<1			
#23B Bldg HP100	12-0921	6.55	< 85	<1.0	<1	<1			
#27[illegible] Bldg 251	12-0922	1.52	> 200	0.02	<0.1	<1			
#27I Bldg 251	12-0923	<1.0	> 200	0.03	<0.1	<5			
#28J Landfill (composite)	12-0924	6.32	> 200	<0.10	1.0	<5			
#28K Landfill (composite)	12-0925								
#28L Landfill (composite)	12-0926								
#29 Bldg TP457	12-0927	<1.0	153	<0.05	<0.1	<1			
#30 Bldg TP457	12-0928	4.89	< 85	<0.05	<0.2	<10			
#31 Bldg TP457	12-0929	5.25	< 85	<0.05	<0.5	<10			
#32O Bldg TP451	12-0930	9.56	< 85	<1.0	<0.5	<10			
#32P Bldg TP451	12-0931	6.85	< 85	6.2	<1	0.05 µg/ml			
#32Q Bldg TP451	12-0932	6.91	<85	<1.0	<0.5	<0.1 µg/ml			

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 5 Date of Sample Receipt 3/28/85 & 5/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		As	Ba	Cd	Cr	Pb	Hg	Se	Ag
#23A Bldg HP100	12-0920	<1.0 mg/kg	<20 mg/kg	22.6 mg/kg	1.6 mg/kg	148 mg/kg	0.18 mg/kg	1.5 mg/kg	<1.0 mg/kg
#23B Bldg HP100	12-0921	<1.0 mg/kg	<20 mg/kg	4.8 mg/kg	1.4 mg/kg	0.8 mg/kg	<0.10 mg/kg	2.2 mg/kg	<1.0 mg/kg
#27H Bldg 251	12-0922	<50 ug/L	1170 ug/L	2440 ug/L	65 ug/L	9850 ug/L	<1.0 ug/L	141 ug/L	<50 ug/L
#27I Bldg 251	12-0923	290 ug/L	<1000 ug/L	680 ug/L	13,100 ug/L	3,120 ug/L	<1.0 ug/L	1960 ug/L	<50 ug/L
#28J Landfill	composite 12-0924	2.3 mg/kg	<20 mg/kg	<0.50 mg/kg	2.3 mg/kg	4.5 mg/kg	<0.10 mg/kg	<0.40 mg/kg	<1.0 mg/kg
#28K Landfill	12-0925								
#28L Landfill	12-0926								
#29 Bldg TP457	12-0927	*	*	*	*	*	*	*	*
#30 Bldg TP457	12-0928	<50 ug/L	7800 ug/L	<25 ug/L	<50 ug/L	62.5 ug/L	22 ug/L	<20 ug/L	<50 ug/L
#31 Bldg TP457	12-0929	<50 ug/L	3130 ug/L	<25 ug/L	185 ug/L	21 ug/L	<1.0 ug/L	<20 ug/L	<50 ug/L
#32O Bldg TP451	12-0930	+	+	+	+	+	1925	+	+
#32P Bldg TP451	12-0931	<50 ug/L	1295 ug/L	<25 ug/L	63,600 ug/L	6250 ug/L	3.7 ug/L	<20 ug/L	<50 ug/L
#32Q Bldg TP451	12-0932	<50 ug/L	1535 ug/L	130 ug/L	93,900 ug/L	40,200 ug/L	7.9 ug/L	<20 ug/L	<50 ug/L

* sample depleted

\+ sample requires redigestion prior to completion of analysis

Ad W
DDS 28 Feb 85

UNITED STATES MARINE CORPS
2d Force Service Support Group (Rein)
Fleet Marine Force, Atlantic
Camp Lejeune, North Carolina 28542-5701

IN REPLY REFER TO:
6280
48
21 Feb 1985

SECOND ENDORSEMENT on OIC, SMU ltr 11000 SMU/JJH/sb of 11 Feb 85

From: Commanding General
To: Commanding General, Marine Corps Base, Camp Lejeune NC
(Attn: Director, Natural Resources and Environmental Affairs)

Subj: TESTING OF UNKNOWN CHEMICALS STORED AT TP-457

1. Forwarded for action.

D. A. CERVENY
By direction

Copy to:
CO, 2d SupplyBn
OIC, SMU, 2d SupplyBn

Sampled 3/29/85
Sample number are #29 (5 gal drums)
#30 (55 gal drum)
#31 (55 gal drum)

MAR 21 1985 Received

a12

UNITED STATES MARINE CORPS
SASSY Management Unit
2d Supply Battalion
2d Force Service Support Group (REIN)
Fleet Marine Force, Atlantic
Camp Lejeune, North Carolina 28542

IN REPLY REFER TO

11000
SMU/JJH/sb
11 FEB 1985

From: Officer In Charge, SASSY Management Unit
To: Commanding General, 2D FSSG (ATTN: Safety)
Via: Commanding Officer, 2D Supply Battalion (ATTN: S-4)

Subj: TESTING OF UNKNOWN CHEMICALS STORED AT TP-457

1. It is requested contents of the following containers be tested to determine applicability to operations at the Flammable Storage Warehouse (TP-457):

2 - 55 Gallon Drums
5 - 5 Gallon Plastic Containers

2. Due to the unknown nature of the contents of these containers, safe/proper storage is a problem.

3. For further information, contact 2D LT HOBBY ext 1468/2121/.

J. W. Rattigan
J. W. RATTIGAN

Date FEB 20 1985
FIRST Endorsement
From: S-4 Officer, Supply Battalion
To: CG, 2d FSSG (ATTN: Safety Off)
Via:

1. ( ) Forwarded
(X) Forwarded For Action
( ) Recomended and Forwarded
(X) 55 gallon drums are believed to be POL. 5 gallon containers are believed to be Acid.

T J Greer
T. J. GREER

J. W. Rattigan

SHEET # _____

SAMPLE # 28[redacted] DATE COLLECTED 29[redacted]R85 TIME COLLECTED 1300

NAME OF COLLECTOR Marty, Hargitt, Barber LOCATION AND DESCRIPTION OF ITE

SAMPLED Contaminated soil from landfill.

COMMENTS: Same as 28 J and 28 K.

SAMPLE # 29 DATE COLLECTED 29MAR85 TIME COLLECTED 1400

NAME OF COLLECTOR Hiatt, Barber . LOCATION AND DESCRIPTION OF ITE

SAMPLED Bldg TP457 7-5 gal. Containers (plastic) believed to be H_2SO_4

COMMENTS Composite sample (1 quart) of the 7 containers.

Marked all with "29" Clear liquid

SAMPLE # 30 DATE COLLECTED 29Mar85 TIME COLLECTED 1415

NAME OF COLLECTOR Hiatt, Barber . LOCATION AND DESCRIPTION OF

SAMPLED Bldg TP 457. 55 gal. drum (rusty) Clear liquid

COMMENTS 1 quart sample. Drum marked #30

SAMPLE # 31 DATE COLLECTED 29Mar85 TIME COLLECTED 1420

NAME OF COLLECTOR Hiatt, Barber . LOCATION AND DESCRIPTION OF

SAMPLED Bldg TP 457. same as #30.

COMMENTS Drum marked # 31.

6280
48
21 Feb 1985

SECOND ENDORSEMENT on OIC, SMU ltr 11000 SMU/JJH/sb of 11 Feb 85

From: Commanding General
To: Commanding General, Marine Corps Base, Camp Lejeune NC
(Attn: Director, Natural Resources and Environmental Affairs)

Subj: TESTING OF UNKNOWN CHEMICALS STORED AT TP-457

1. Forwarded for action.

D. A. CERVENY
By direction

Copy to:
CO, 2d SupplyBn
OIC, SMU, 2d SupplyBn

ar2

White

UNITED STATES MARINE CORPS
SASSY Management Unit
2d Supply Battalion
2d Force Service Support Group (REIN)
Fleet Marine Force, Atlantic
Camp Lejeune, North Carolina 28542

IN REPLY REFER TO
11000
SMU/JJH/sb
11 FEB 1985

From: Officer In Charge, SASSY Management Unit
To: Commanding General, 2D FSSG (ATTN: Safety)
Via: Commanding Officer, 2D Supply Battalion (ATTN: S-4)

Subj: TESTING OF UNKNOWN CHEMICALS STORED AT TP-457

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5 - 5 Gallon Plastic Containers

2. Due to the unknown nature of the contents of these containers, safe/proper storage is a problem.

3. For further information, contact 2D LT HOBBY ext 1468/2121/.

J. W. Rattigan
J. W. RATTIGAN

H. Johnson

Date FEB 20 1985
FIRST Endorsement
From: S-4 Officer, Supply Battalion
To: CG, 2d FSSG (ATTN: Safety Off)
Via:

1. ( ) Forwarded
(X) Forwarded For Action
( ) Recomended and Forwarded
(X) 55 gallon drums are believed to be POL. 5 gallon containers are believed to be Acid.

T J Greer
T. J. GREER

UNITED STATES MARINE CORPS
Natural Resources and Environmental Affairs Division
Marine Corps Base
Camp Lejeune, North Carolina 28542

IN REPLY REFER TO:
6240/1
NREAD
8 Aug 1985

From: Director, Natural Resources and Environmental Affairs Division, Marine Corps Base, Camp Lejeune
To: Defense Reutilization and Marketing Officer, Camp Lejeune

Subj: HAZARDOUS WASTE ANALYSIS

Encl: (1) Supervisory Chemist, NREAD ltr 6241/1 NREAD of 6 Aug 1985
(2) JTC Report #54 (Addendum) dated 2 Aug 1985

1. Enclosures (1) and (2) provide information required to identify three barrels of "unknown" hazardous wastes located at the DRMO storage facilities at Building TP-451. The wastes fall into both the ignitable and the toxic categories of hazardous wastes and should be disposed of accordingly. Enclosure (2) provides data on Sample 32-0 left out of enclosure (1). Point of contact in this matter is Mr. Danny Sharpe, telephone 451-5003.

D. D. SHARPE
Acting

Blind copy to:
SupvChem

AIR STATION
3 - BARRELS
UNKNOWNS

UNITED STATES MARINE CORPS
Natural Resources and Environmental Affairs Division
Marine Corps Base
Camp Lejeune, North Carolina 28542

IN REPLY REFER TO:
6240/1
NREAD
8 Aug 1985

From: Director, Natural Resources and Environmental Affairs Division, Marine Corps Base, Camp Lejeune
To: Defense Reutilization and Marketing Officer, Camp Lejeune

Subj: HAZARDOUS WASTE ANALYSIS

Encl: (1) Supervisory Chemist, NREAD ltr 6241/1 NREAD of 6 Aug 1985
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D. D. SHARPE
Acting

Blind copy to:
SupvChem

UNITED STATES MARINE CORPS
Natural Resources and Environmental Affairs Division
Marine Corps Base
Camp Lejeune, North Carolina 28542

IN REPLY REFER TO:

6241/1
NREAD
6 August 1985

From: Supervisory Chemist, Water Quality Control Lab, Environmental Branch
To: Director, Natural Resources Environmental Affairs Division
Via: Supervisory Ecologist, Environmental Branch DDB

Subj: THREE UNKNOWN BARRELS STORED AT TP-451; ANALYSIS OF

Encl: (1) Excerpts for JTC Environmental Consultants, Inc. Report #54 Dated 28 June 1985

1. The enclosure provides data on the three barrels received by DRMO from MCAS-NR presently stored at TP-451. The barrels are labelled 32-O, 32-P and 32-Q.

Elizabeth A. Betz
ELIZABETH A. BETZ

ENCLOSURE (1)

EXCERPTS FROM JTC ENVIRONMENTAL CONSULTANTS, INC.
REPORT NO. 54 DATED 28 JUNE 1985

COMPILED BY ELIZABETH A. BETZ
6 AUGUST 1985

Please note the following:

a. Navy sample ID #32-O, 32-P and 32-Q are from the barrels from MCAS-NR stored at TP-451. The barrels were labelled with the sample numbers when they were sampled.

(ENCLOSURE 1)

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 1 Date of Sample Receipt 3/28/85 & 5/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		pH (Corrosivity)	Flashpoint °F	Reactivity		PCB µg/g			
				Cyanide ppm	Sulfide ppm				
#23A Bldg HP100	12-0920	7.18	< 85	0.9	<1	<1			
#23B Bldg HP100	12-0921	6.55	< 85	<1.0	<1	<1			
#27H Bldg 251	12-0922	1.52	>200	0.02	<0.1	<1			
#27I Bldg 251	12-0923	<1.0	>200	0.03	<0.1	<5			
#28J Landfill	composite 12-0924	6.32	>200	<0.10	1.0	<5			
#28K Landfill	12-0925								
#28L Landfill	12-0926								
#29 Bldg TP457	12-0927	<1.0	153	<0.05	<0.1	<1			
#30 Bldg TP457	12-0928	4.89	<85	<0.05	<0.2	<10			
#31 Bldg TP457	12-0929	5.25	<85	<0.05	<0.5	<10			
#32O Bldg TP451	12-0930	9.56	<85	<1.0	<0.5	<10			
#32P Bldg TP451	12-0931	6.85	<85	6.2	<1	0.05 µg/ml			
#32Q Bldg TP451	12-0932	6.91	<85	<1.0	<0.5	<0.1 µg/ml			

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 5 Date of Sample Receipt 3/28/85 & 5/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		As	Ba	Cd	Cr	Pb	Hg	Se	Ag
#23A Bldg HP100	12-0920	<1.0 mg/kg	<20 mg/kg	22.6 mg/kg	1.6 mg/kg	148 mg/kg	0.18 mg/kg	1.5 mg/kg	<1.0 mg/kg
#23B Bldg HP100	12-0921	<1.0 mg/kg	<20 mg/kg	4.8 mg/kg	1.4 mg/kg	0.8 mg/kg	<0.10 mg/kg	2.2 mg/kg	<1.0 mg/kg
#27[illegible] Bldg 251	12-0922	<50 ug/L	1170 ug/L	2440 ug/L	65 ug/L	9850 ug/L	<1.0 ug/L	141 ug/L	<50 ug/L
#27I Bldg 251	12-0923	290 ug/L	<1000 ug/L	680 ug/L	13,100 ug/L	3,120 ug/L	<1.0 ug/L	1960 ug/L	<50 ug/L
#28J Landfill (composite)	12-0924	2.3 mg/kg	<20 mg/kg	<0.50 mg/kg	2.3 mg/kg	4.5 mg/kg	<0.10 mg/kg	<0.40 mg/kg	<1.0 mg/kg
#28K Landfill (composite)	12-0925								
#28L Landfill (composite)	12-0926								
#29 Bldg TP457	12-0927	*	*	*	*	*	*	*	*
#30 Bldg TP457	12-0928	<50 ug/L	7800 ug/L	<25 ug/L	<50 ug/L	62.5 ug/L	22 ug/L	<20 ug/L	<50 ug/L
#31 Bldg TP457	12-0929	<50 ug/L	3130 ug/L	<25 ug/L	185 ug/L	21 ug/L	<1.0 ug/L	<20 ug/L	<50 ug/L
#32O Bldg TP451	12-0930	+	+	+	+	+	1925	+	+
#32P Bldg TP451	12-0931	<50 ug/L	1295 ug/L	<25 ug/L	63,600 ug/L	6250 ug/L	3.7 ug/L	<20 ug/L	<50 ug/L
#32Q Bldg TP451	12-0932	<50 ug/L	1535 ug/L	130 ug/L	93,900 ug/L	40,200 ug/L	7.9 ug/L	<20 ug/L	<50 ug/L

* sample depleted

+. Sample requires redigestion prior to completion of analysis

REPORT #54 (Addendum)

LABORATORY ANALYSIS ON

NAVAL SAMPLES

(A/E CONTRACT N62470-84-B-6932)

JTC REPORT # 85-254

PREPARED FOR:

DEPARTMENT OF THE NAVY

ATLANTIC DIVISION

NAVAL FACILITIES ENGINEERING COMMAND

NORFOLK, VA 23511

PREPARED BY:

JTC ENVIRONMENTAL CONSULTANTS, INC.

4 RESEARCH PLACE, SUITE L-10

ROCKVILLE, MARYLAND 20850

AUGUST 2, 1985

Ann E. Rosecrance

Ann E. Rosecrance
Laboratory Director

ENCLOSURE (2)

JTC Environmental Consultants, Inc.

Date 8-2-85 Report No. 54 Add to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 1 Date of Sample Receipt 3/28/85 + 5/23/85

Camp Lejeune

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		As ug/L	Ba ug/L	Cd ug/L	Cr ug/L	Pb ug/L	Hg ug/L	Se ug/L	Ag ug/L
#320 Bldg. TP451	12-0930	<50	<1000	7400	1,370,000	47,200	1925	157	<50

ROUTINE REPLY, ENDORSEMENT, TRANSMITTAL OR INFORMATION SHEET
NAVEXOS-3989 (Rev. 12-62)

0104 901 4901

DATE SAUG85

FROM LANDIV CODE 1142

FILE NUMBER 6280 1142DPG

SUBJECT THM/VOA AND WASTE OIL TEST RESULTS

REFERENCE

TO: MCB CAMP LEJEUNE
BASE MAINTENANCE
ENVIRONMENTAL AFFAIRS
DIVISION

ENCLOSURE (1) JTC REPORTS #54 AND #108 (RECD SAUG85)

This form may be used in a window envelope.

VIA

_____ Endorsement on

[X] FORWARDED [ ] RETURNED [ ] FOLLOW-UP [ ] REQUEST [ ] ADVISE [ ] SUBMIT

X	MESSAGE	X	MESSAGE	X	MESSAGE
X	FOR APPROPRIATE ACTION		SUBJECT DOCUMENT(S) WAS/WERE FORWARDED TO YOUR OFFICE _____ AS A MATTER UNDER YOUR JURISDICTION.		CERTIFY ENCLOSURE _____ AS TO RECEIPT AND ACCEPTANCE OF MATERIAL AND FORWARD TO _____
	FOR INFORMATION OR CERTIFICATION AND/OR FILE.		SUBJECT DOCUMENTS WAS/WERE APPROVED _____ AND FORWARDED TO YOU.		_____ COPIES OF SUBJECT CHANGE ORDER AMENDMENT OR MODIFICATION
	[ ] APPROVED [ ] DISAPPROVED		_____ COPY(IES) OF THIS CORRESPONDENCE WITH YOUR REPLY.		CHANGE NOTICE TO THE SUPPLIER
	APPROVAL [ ] IS [ ] IS NOT RECOMMENDED		ENCLOSURE(S) _____ IS/ARE FORWARDED AS REQUESTED BY REFERENCE _____		_____ COPIES OF APPLICABLE PLANS AND/OR SPECIFICATIONS.
	CONCURRING IN RECOMMENDATIONS MADE IN THE BASIC CORRESPONDENCE.		ENCLOSURE(S) IS/ARE RETURNED FOR CORRECTION AS INDICATED.		FOR PLAN ACTION AS INDICATED
	COMMENTS AND/OR RECOMMENDATIONS.		CORRECTED ENCLOSURE(S) AS REQUESTED		CLASSIFICATIONS OF DEFECTS FOR SUBJECT ITEMS
	MAILING LIST ACTION		SUBJECT PERSON'S ATTENTION SHOULD BE INVITED TO THIS MATTER		CONFIRMATION THAT INSPECTION OR SOURCE INSPECTION IS NOT REQUIRED
	FOR ASSIGNMENT OF BUREAU FILE NUMBER(S)		SUBJECT PERSON(S) REPORTED TO THIS COMMAND _____		INSPECTION UNDER THE SUBJECT SUBCONTRACT IS NOT REQUIRED
	ON A LOAN BASIS RETURN BY _____		SUBJECT PERSON(S) COMPLETED HIS/THEIR DUTY AND WAS/WERE DETACHED FROM THIS COMMAND _____		_____ COPIES OF SUBJECT PURCHASE DOCUMENT. IF SOURCE INSPECTION OR PROGRESSING IS REQUIRED
	SIGN ORIGINAL RECEIPT AND RETURN TO THIS OFFICE.		NAME AND LOCATION OF SUPPLIER OF SUBJECT ITEMS.		STATUS OF MATERIAL ON SUBJECT PURCHASE DOCUMENT
	SUBJECT FILES, WHICH ARE LOCATED IN BOX NO. _____ SHIPMENT NO. _____		SUBCONTRACT NUMBER FOR SUBJECT ITEM		CLEARANCE AS INDICATED IN BASIC CORRESPONDENCE VERIFIED. NO REPLY UNLESS NEGATIVE.
	REPLY TO THE ABOVE REFERENCE(S) BY _____		SUBJECT PURCHASE DOCUMENT HAS BEEN REQUESTED AND WILL BE FORWARDED WHEN RECEIVED.		VERIFICATION OF NEED-TO-KNOW FOR VISIT PERSONNEL CLEARANCES VERIFIED.
	_____ COPY(IES) OF REFERENCE DESCRIBED ABOVE WAS/WERE NOT RECEIVED.		ENDORSEMENT _____ OF SUBJECT SUBCONTRACT IS BEING DELAYED PENDING RECEIPT OF BASIC PURCHASE DOCUMENT.		
	SUBJECT DOCUMENT(S) WAS/WERE FORWARDED TO _____		APPROPRIATION SYMBOL SUBHEAD AND CHARGEABLE ACTIVITY		
	SUBJECT DOCUMENT(S) IS/ARE WAS/WERE RETURNED FOR _____		WHETHER SUBJECT ITEMS ARE TO BE COMMERCIALLY SHIPPED OR AT GOVERNMENT EXPENSE		
			A CERTIFICATE IN LIEU OF SUBJECT BILL OF LADING WHICH HAS BEEN LOST.		SEE REMARKS ON THE REVERSE SIDE.

COPY TO 114 (w/ #108), 1142, 114.PBL (w/ #54), 114S

SIGNATURE [signature]

U.S. Government Printing Office: 1973—739-007/2082 Region No. 3-11

REPORT #54 (Addendum)

LABORATORY ANALYSIS ON

NAVAL SAMPLES

(A/E CONTRACT N62470-84-B-6932)

JTC REPORT # 85-254

PREPARED FOR:

DEPARTMENT OF THE NAVY

ATLANTIC DIVISION

NAVAL FACILITIES ENGINEERING COMMAND

NORFOLK, VA 23511

PREPARED BY:

JTC ENVIRONMENTAL CONSULTANTS, INC.

4 RESEARCH PLACE, SUITE L-10

ROCKVILLE, MARYLAND 20850

AUGUST 2, 1985

Ann E. Rosecrance

Ann E. Rosecrance
Laboratory Director

JTC Environmental Consultants, Inc.

Date 8-2-85 Report No. 54 Add to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 1 Date of Sample Receipt 3/28/85 + 5/23/85

Camp Lejeune

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6241/1
NREAD
6 August 1985

From: Supervisory Chemist, Water Quality Control Lab, Environmental Branch
To: Director, Natural Resources Environmental Affairs Division
Via: Supervisory Ecologist, Environmental Branch

Subj: THREE UNKNOWN BARRELS STORED AT TP-451; ANALYSIS OF

Encl: (1) Excerpts for JTC Environmental Consultants, Inc. Report #54 Dated 28 June 1985

1. The enclosure provides data on the three barrels received by DRMO from MCAS-NR presently stored at TP-451. The barrels are labelled 32-O, 32-P and 32-Q.

ELIZABETH A. BETZ

Writer: E. Betz, NREAD, 5977
Typist: A. Blackstock, 6 August 1985

EXCERPTS FROM JTC ENVIRONMENTAL CONSULTANTS, INC.
REPORT NO. 54 DATED 28 JUNE 1985

COMPILED BY ELIZABETH A. BETZ
6 AUGUST 1985

Please note the following:

a. Navy sample ID #32-O, 32-P and 32-Q are from the barrels from MCAS-NR stored at TP-451. The barrels were labelled with the sample numbers when they were sampled.

(ENCLOSURE 1)

JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

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JTC Environmental Consultants, Inc.

Date 6-28-85 Report No. 54 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-254 Table 5 Date of Sample Receipt 3/28/85 & 5/23/85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		As	Ba	Cd	Cr	Pb	Hg	Se	Ag
#23A Bldg HP100	12-0920	<1.0 mg/kg	<20 mg/kg	22.6 mg/kg	1.6 mg/kg	148 mg/kg	0.18 mg/kg	1.5 mg/kg	<1.0 mg/kg
#23B Bldg HP100	12-0921	<1.0 mg/kg	<20 mg/kg	4.8 mg/kg	1.4 mg/kg	0.8 mg/kg	<0.10 mg/kg	2.2 mg/kg	<1.0 mg/kg
#27H Bldg 251	12-0922	<50 ug/L	1170 ug/L	2440 ug/L	65 ug/L	9850 ug/L	<1.0 ug/L	141 ug/L	<50 ug/L
#27I Bldg 251	12-0923	290 ug/L	<1000 ug/L	680 ug/L	13,100 ug/L	3,120 ug/L	<1.0 ug/L	1960 ug/L	<50 ug/L
#28J Landfill	composite 12-0924	2.3 mg/kg	<20 mg/kg	<0.50 mg/kg	2.3 mg/kg	4.5 mg/kg	<0.10 mg/kg	<0.40 mg/kg	<1.0 mg/kg
#28K Landfill	12-0925								
#28L Landfill	12-0926								
#29 Bldg TP457	12-0927	*	*	*	*	*	*	*	*
#30 Bldg TP457	12-0928	<50 ug/L	7800 ug/L	<25 ug/L	<50 ug/L	62.5 ug/L	22 ug/L	<20 ug/L	<50 ug/L
#31 Bldg TP457	12-0929	<50 ug/L	3130 ug/L	<25 ug/L	185 ug/L	21 ug/L	<1.0 ug/L	<20 ug/L	<50 ug/L
#32O Bldg TP451	12-0930	+	+	+	+	+	1925	+	+
#32P Bldg TP451	12-0931	<50 ug/L	1295 ug/L	<25 ug/L	63,600 ug/L	6250 ug/L	3.7 ug/L	<20 ug/L	<50 ug/L
#32Q Bldg TP451	12-0932	<50 ug/L	1535 ug/L	130 ug/L	93,900 ug/L	40,200 ug/L	7.9 ug/L	<20 ug/L	<50 ug/L

* Sample depleted

\+ Sample requires redigestion prior to completion of analysis

4/2/85

Sampled three 55 gal drums of unknown at Old TP 451 (Hazardous Waste Warehouse) and it was highly volatile.

Sample # 32-O, 32-P, 32-Q

Honeycutt

SHEET # _____

SAMPLE # 32-O DATE COLLECTED 4/2/85 TIME COLLECTED 0830

NAME OF COLLECTOR Hennequett, Barbee. LOCATION AND DESCRIPTION OF ITEM SAMPLED Bld 4 TP 451

COMMENTS: 55 gal Drum of unknown marked (O) Highly volatile, 1 quart

SAMPLE # 32-P DATE COLLECTED 4/2/85 TIME COLLECTED 0840

NAME OF COLLECTOR Hennequett, Barbee. LOCATION AND DESCRIPTION OF ITEM SAMPLED Bld TP 451

COMMENTS 55 gal Drum of unknown marked (P) Highly volatile. 1 quart

SAMPLE # 32-Q DATE COLLECTED 4/2/85 TIME COLLECTED 0850

NAME OF COLLECTOR Hennequett, Barbee. LOCATION AND DESCRIPTION OF IT SAMPLED Bld TP 451

COMMENTS 55 gal Drum of unknown marked (Q) Highly volatile. 1 quart

SAMPLE # _____ DATE COLLECTED _____ TIME COLLECTED _____

NAME OF COLLECTOR _____. LOCATION AND DESCRIPTION OF IT SAMPLED _____

COMMENTS _____

Betsy -

Please Advise

ASAP.

Danny
Shaye

MEMORANDUM OF CALL

Previous editions usable

TO:

☐ YOU WERE CALLED BY— ☐ YOU WERE VISITED BY—

OF (Organization)

☐ PLEASE PHONE ▶ ☐ FTS ☐ AUTOVON

☐ WILL CALL AGAIN ☐ IS WAITING TO SEE YOU

☐ RETURNED YOUR CALL ☐ WISHES AN APPOINTMENT

MESSAGE

RECEIVED BY	DATE	TIME

63-110 NSN 7540-00-634-4018

☆U.S. G.P.O. 1983-381-529/233

STANDARD FORM 63 (Rev. 8-81)
Prescribed by GSA
FPMR (41 CFR) 101—11.6

DEPARTMENT OF THE NAVY

COMMANDER, ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA 23511

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, $300

POSTAGE AND FEES PAID
DEPARTMENT OF THE NAVY
DoD—316

U.S.MAIL

Commanding General
Marine Corps Base
Camp Lejeune, NC 28542

ATTN: Director of Natural Resources
and Environmental Affairs Division

BA 45

ROUTINE REPLY, ENDORSEMENT, TRANSMITTAL OR INFORMATION SHEET

OPNAV 5216/158 (Rev. 7-78)
SN 0107-LF-052-1691

A WINDOW ENVELOPE MAY BE USED
Formerly NAVEXOS 3789

CLASSIFICATION (*UNCLASSIFIED when detached from enclosures, unless otherwise indicated*)

FROM (*Show telephone number in addition to address*)
Commander, Atlantic Division, Naval Facilities Engineering Command Norfolk VA 23511 (804) 444-9565

DATE
29 March 84

SUBJECT
Used Oil Analysis

SERIAL OR FILE NO.

TO:
Commanding General
Marine Corps Base
Camp LeJeune NC. 28542

ATTN: Director of Natural Resources and Environmental Affairs Division

REFERENCE

ENCLOSURE
(1) Centec Analytical Results Report 19 March 1984 / 228

VIA:

ENDORSEMENT ON

[X] FORWARDED [ ] RETURNED [ ] FOLLOW-UP, OR TRACER [ ] REQUEST [ ] SUBMIT [ ] CERTIFY [ ] MAIL [ ] FILE

GENERAL ADMINISTRATION	CONTRACT ADMINISTRATION	PERSONNEL
FOR APPROPRIATE ACTION	NAME & LOCATION OF SUPPLIER OF SUBJECT ITEMS	REPORTED TO THIS COMMAND:
UNDER YOUR COGNIZANCE		
[X] INFORMATION	SUBCONTRACT NO. OF SUBJECT ITEM	
APPROVAL RECOMMENDED [ ] YES [ ] NO	APPROPRIATION SYMBOL, SUBHEAD, AND CHARGEABLE ACTIVITY	DETACHED FROM THIS COMMAND
[ ] APPROVED [ ] DISAPPROVED	SHIPPING AT GOVERNMENT EXPENSE [ ] YES [ ] NO	OTHER
COMMENT AND/OR CONCURRENCE	A CERTIFICATE, VICE BILL OF LADING	
CONCUR		
LOANED, RETURN BY:	COPIES OF CHANGE ORDERS, AMENDMENT OR MODIFICATION	
SIGN RECEIPT & RETURN	CHANGE NOTICE TO SUPPLIER	
REPLY TO THE ABOVE BY:	STATUS OF MATERIAL ON PURCHASE DOCUMENT	
REFERENCE NOT RECEIVED		
SUBJECT DOCUMENT FORWARDED TO:		
SUBJECT DOCUMENT RETURNED FOR:		
SUBJECT DOCUMENT HAS BEEN REQUESTED, AND WILL BE FORWARDED WHEN RECEIVED		
COPY OF THIS CORRESPONDENCE WITH YOUR REPLY		
ENCLOSURE NOT RECEIVED		
ENCLOSURE FORWARDED AS REQUESTED		
ENCLOSURE RETURNED FOR CORRECTION AS INDICATED		
CORRECTED ENCLOSURE AS REQUESTED		
REMOVE FROM DISTRIBUTION LIST		
REDUCE DISTRIBUTION AMOUNT TO:		

REMARKS (*Continue on reverse*)

SIGNATURE & TITLE
Steven L Olson Environmental Protection Specialist.

COPY TO:

CLASSIFICATION (*UNCLASSIFIED when detached from enclosures, unless otherwise indicated*)

☆ U.S. Government Printing Office: 1983—605-010/8603 2-1

CENTEC ANALYTICAL SERVICES, INC.
A SUBSIDIARY OF THE CENTEC CORPORATION

P. O. BOX 956
2160 INDUSTRIAL DRIVE
SALEM, VIRGINIA 24153
(703) 387-3995

— ANALYTICAL RESULTS REPORT —

Mr. David Goodwin
Atlantic Division Code 1143
Naval Facilities Engineering Command
Norfolk, VA 23511

Re: Used Oil Analysis
CAS Commission No. 6094

REPORT DATE/NUMBER: 19 March 1984/228

SAMPLES COLLECTED: 16 December 1983: 1000

BY: Navy personnel

SAMPLES RECEIVED IN LAB: 30 December 1983: 1230

ANALYSIS FOR: Silver (Ag), Arsenic (As), Barium (Ba), Cadmium (Cd), Chromium (Cr), Mercury (Hg), Lead (Pb), and Selenium (Se) by EP Extraction

METHOD OF ANALYSIS: EPA SW-846, Test Methods for Evaluating Solids Waste, May 1980

CAS No.: 34391 - Description: Composite of CAS No. 33250 - 33254; MCB Camp LeJeune Right Vat MCBCL #1

PARAMETER	RESULTS
Ag/EP (mg/l)	< 0.10
As/EP (mg/l)	< 0.100
Ba/EP (mg/l)	1.00
Cd/EP (mg/l)	0.40
Cr/EP (mg/l)	77.0
Hg/EP (mg/l)	< 0.100
Pb/EP (mg/l)	3.30
Se/EP (mg/l)	< 0.100

If you have any questions or comments concerning this report, please do not hesitate to contact us.

Prepared by:

CENTEC ANALYTICAL SERVICES

David F. Tompkins
Chemist

DFT/mls

1 Feb 84

From the desk of . . .

STEVE BREWER

Danny Sharp

Here are results of PCB analyses done for MCB.

To Danny

Steve B

COMPLIMENTS OF V. G. REED & SONS INC.

CENTEC ANALYTICAL SERVICES, INC.
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— ANALYTICAL RESULTS REPORT —

Mr. David Goodwin
Atlantic Division Code 1143
Naval Facilities Engineering Command
Norfolk, VA 23511

Re: Oil Analysis
CAS Commission No. 6094

REPORT DATE/NUMBER: 20 January 1984/203

SAMPLES COLLECTED: 5 January 1984

BY: Navy personnel

SAMPLES RECEIVED IN LAB: 11 January 1984: 1300

ANALYSIS FOR: Polychlorinated Biphenyls (PCBs)

METHOD OF ANALYSIS: Liquid-Liquid Extraction, Electron Capture Gas Chromatography; EPA-600/4-81-045

CAS No.	Description	PCB Results (µg/g)
33485	Marine Corps Base Camp Lejeune #MCBCL 1154	4100 Aroclor 1242 450000 Aroclor 1260
33486	Marine Corps Base Camp Lejeune #MCBCL 1155	45 Aroclor 1260
33487	Marine Corps Camp Lejuene #MCBCL 1156	12 Aroclor 1254

If you have any questions or comments concerning this report, please do not hesitate to contact us.

Prepared by:

David F. Tompkins
Chemist

DFT/mls

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— ANALYTICAL RESULTS REPORT —

Mr. David Goodwin
Atlantic Division Code 1143
Naval Facilities Engineering Command
Norfolk, VA 23511

Re: Used Oil Analysis
CAS Commission No. 6094

REPORT DATE/NUMBER: 18 January 1984/202

SAMPLES COLLECTED: 16 December 1983

BY: Navy personnel

SAMPLES RECEIVED IN LAB: 30 December 1983: 1215

ANALYSIS FOR: Ignitability and Polychlorinated Biphenyls (PCBs)

METHOD OF ANALYSIS: EPA SW-846, Test Methods for Evaluating Solids Waste, May 1980; Liquid-Liquid Extraction, Electron Capture Gas Chromatography; EPA-600/4-81-045

The results are shown on the following page.

If you have any questions or comments concerning this report, please do not hesitate to contact us.

Prepared by:

CENTEC ANALYTICAL SERVICES

David F. Tompkins
Chemist

DFT/mls

Naval Facilities Engineering Command
18 January 1984
Page 2

CAS No.	Description	Serial No.	AROCLOR Answers (µg/g-ppm) 1242	1254	1260
33250	MCB Camp LeJeune Right Vat MCBCL #1		<1 NT	<1 NT	<1 NT
33251	MCBCL #2 Middle Vat		<1 NT	<1 NT	<1 NT
33252	MCBCL #3	Air Station Barrels	<1 NT	<1 NT	<1 NT
33253	MCBCL #4	Air Station Barrels	<1 NT	<1 NT	<1 NT
33254	MCBCL #5	Air Station Barrels	<1 NT	<1 NT	<1 NT

CAS No.	Ignitability (°F)
33250	>170
33251	>170
33252	80
33253	80
33254	100

Air Station Barrells

T = Trace NT = No Trace

DATE: 16 DEC 1983

MCBCL.

#1 RIGHT VAT - MOSTLY OIL, SOME SOLVENT, POSSIBLY PAINT THINNER IN BOTTOM

#2 MIDDLE VAT - MOSTLY WATER, CLEAR TO BOTTOM, RUSTLY POSSIBLY ACIDIC, OR BASIC.

KEN TOLLY, LCPL WORD, ELIZABETH BETZ OF PP+T

BLDG 909 STEAM ROOM.

#3 OVER-PACK BARREL # I @ LOT SAS-868 HAZARDOUS WASTES LOT @ MCAS(H)

#4 OVERPACK BARREL # II

#5 OVERPACK BARREL # III

Feb 84

From the desk of . . .

STEVE BREWER

Danny Sharp

Here are results of PCB analyses done for MCB.

To Danny

Steve B

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Prepared by:

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Chemist

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T = Trace NT = No Trace

9 Feb 84

From the desk of . . .

STEVE BREWER

Danny Sharp

Here are results of PCB analyses done for MCB.

To Danny

Steve B

COMPLIMENTS OF V. G. REED & SONS INC.

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Naval Facilities Engineering Command
Norfolk, VA 23511

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CAS Commission No. 6094

REPORT DATE/NUMBER: 18 January 1984/202

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Prepared by:

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DFT/mls

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Prepared by:

David F. Tompkins
Chemist

DFT/mls

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DFT/mls

Naval Facilities Engineering Command
18 January 1984

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T = Trace NT = No Trace

NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIVISION
Marine Corps Base
Camp Lejeune, North Carolina 28542

NREAD/DDS/th
5000
19 Dec 1983

From: Director
To: Traffic Management Officer

Subj: Transportation of Laboratory Samples; request for

1. Request shipment of one carton containing five used oil samples to LANTDIV-Naval Facility Engineering Command, Code 114, Bldg N-23, Norfolk Naval Base, 23511 (Attn: Dave Goodwin) (AUTOVON 564-9561).

C D Peterson
C. D. PETERSON
Acting

SHIPMENT RECORD
FURTHER REFERENCE TO THIS SHIPMENT MUST QUOTE THE TRANSPORTATION CONTROL NUMBER (TCN) WHICH IS:

TCN: M31000 3353 0295 XXX

Paul Hagan 12-20-83

3

PACKAGING AND PRESERVATION WORK REQUEST
MCBCL 4030 (REV 3-70)

TO: PRESERVATION, PACKAGING AND PACKING BRANCH, MOWASP DIV., BMATBN, MCB, CLNC

FROM (UNIT)	DATE	UNIT PRIORITY DESIGNATOR
NREAD-Facilities	19 Dec 1983	
PERSON FAMILIAR WITH WORK REQUESTED	**PHONE**	**BLDG NO.**
Elizabeth Betz	x5977	65

FOLLOWING WORK IS REQUESTED

Five laboratory samples of approximately 1 quart each, to be packaged and certified for shipping. All samples are to be packaged in vermiculite and packaged lined with plastic bags. Place all samples in upright positions and label packaged with "THIS END UP."

TYPE WORK REQUESTED (X)

(*)PACKAGE AND PRESERVE ☐ LEVEL ☐ A ☐ B ☐ C

(*)PACK ☒ LEVEL ☐ A ☐ B ☐ C

CONSTRUCT BOXES ☐ CRATES ☐

PAINT AND MARK ☐ TACTICAL MARK ☐ YES ☐ NO

DETAILS (LIST INSIDE DIMENSIONS IF CONSTRUCTION IS DESIRED; COLOR OF PAINT, PATTERN AND NUMBER OF TACTICAL MARK, ANY SPECIAL INSTRUCTIONS)

AA4 32 0430 3228 T/C

23 Dec 1983

DEAD LINE DELIVERY DATE	WR NO.	SIGNATURE

Spaces On and Below This Line For P&P Use Only	JOB CHARGEABLE	P&P CONTROL NO.

WORK MEASUREMENT INFO PROJ 12				WORK MEASUREMENT INFO PROJ 11 & 94 TOTALS (LESS PROJ 12)			
NO. OF ITEMS	TONS	NO. OF PKGS		CUBE	WEIGHT	VEHICLES	BOXES BUILT

DEC 19 1983

IF SPACES MARKED WITH AN ASTERISK (*) ARE FILLED IN, COMPLETE REVERSE SIDE

LINE ITEMS	NOMENCLATURE	FSN	QUANTITY	UNIT OF ISSUE	NO. PER INTERMEDIATE PACKAGE	NO. OF ITEMS PER PACK	ITEMS PER MULTIPLE PACK NO. OF PACK
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
13.							
14.							
15.							
16.							
17.							
18.							
19.							
20.							
21.							
22.							
23.							
24.							
25.							
26.							
27.							

DATE RECORDED BY P&P BRANCH

PICKED UP BY

DATE COMPLETED BY P&P BRANCH

DATE

NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIVISION
Marine Corps Base
Camp Lejeune, North Carolina 28542

NREAD/DDS/th
5000
19 Dec 1983

From: Director
To: Traffic Management Officer

Subj: Transportation of Laboratory Samples; request for

1. Request shipment of one carton containing five used oil samples to LANTDIV-Naval Facility Engineering Command, Code 114, Bldg N-23, Norfolk Naval Base, 23511 (Attn: Dave Goodwin) (AUTOVON 564-9561).

C D Peterson
C. D. PETERSON
Acting

TCN: M31000 3353 0295 XXX

DEC 19 1983

6

PCL
Dave Goodwin
21 Dec 87

Send PCB
sampl to
Bus Station pick up

{Shipping Document}

Sy

CENTEC Analytical Services, INC
2150 Industrial Drive
P.O. BOX 956
Salem VA 24153
Com 703-387-3995
FTS 937-6011
Operator

NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIV
Marine Corps Base
Camp Lejeune, North Carolina 28542

7 June 85
(Date)

From: Supervisory Ecologist

To: Supervisory Chemist, VIA. Director NREAD

Subj: LAB Analysis

1. The enclosed LANTDIV Transmittal contains findings of analysis of materials found at alleged dump at MCAS(H) AR. Please retain for records. Refer any inquiries to Director NREAD.

Danny Hart

6-1-85

Dave

See attach

I think Bob should send to Air Station for info.

Julian

A 5/21

ROUTINE REPLY, ENDORSEMENT, TRANSMITTAL OR INFORMATION SHEET

OPNAV 5216/158 (Rev. 7-78)
SN 0107-LF-052-1691

A WINDOW ENVELOPE MAY BE USED
Formerly NAVEXOS 3789

CLASSIFICATION (*UNCLASSIFIED when detached from enclosures, unless otherwise indicated*)

FROM (*Show telephone number in addition to address*)
C. Barnett, AV 564-9566

DATE
5/20/85

SUBJECT
Lab analysis results

SERIAL OR FILE NO.

TO:
Bob Alexander
Marine Corps Base
Assistant Chief of Staff Facilities
Camp Lejeune, NC 28542

REFERENCE

ENCLOSURE
JTC Lab Report #60

VIA:

ENDORSEMENT ON

☒ FORWARDED ☐ RETURNED ☐ FOLLOW-UP, OR TRACER ☐ REQUEST ☐ SUBMIT ☐ CERTIFY ☐ MAIL ☐ FILE

GENERAL ADMINISTRATION	CONTRACT ADMINISTRATION	PERSONNEL
☐ FOR APPROPRIATE ACTION	☐ NAME & LOCATION OF SUPPLIER OF SUBJECT ITEMS	☐ REPORTED TO THIS COMMAND:
☐ UNDER YOUR COGNIZANCE	☐ SUBCONTRACT NO. OF SUBJECT ITEM	
☐ INFORMATION	☐ APPROPRIATION SYMBOL, SUBHEAD, AND CHARGEABLE ACTIVITY	☐ DETACHED FROM THIS COMMAND
☐ APPROVAL RECOMMENDED ☐ YES ☐ NO	☐ SHIPPING AT GOVERNMENT EXPENSE ☐ YES ☐ NO	☐ OTHER
☐ APPROVED ☐ DISAPPROVED	☐ A CERTIFICATE, VICE BILL OF LADING	
☐ COMMENT AND/OR CONCURRENCE	☐ COPIES OF CHANGE ORDERS, AMENDMENT OR MODIFICATION	
☐ CONCUR	☐ CHANGE NOTICE TO SUPPLIER	
☐ LOANED, RETURN BY:	☐ STATUS OF MATERIAL ON PURCHASE DOCUMENT	
☐ SIGN RECEIPT & RETURN		
☐ REPLY TO THE ABOVE BY:		
☐ REFERENCE NOT RECEIVED		
☐ SUBJECT DOCUMENT FORWARDED TO:		
☐ SUBJECT DOCUMENT RETURNED FOR:		
☐ SUBJECT DOCUMENT HAS BEEN REQUESTED, AND WILL BE FORWARDED WHEN RECEIVED		
☐ COPY OF THIS CORRESPONDENCE WITH YOUR REPLY		
☐ ENCLOSURE NOT RECEIVED		
☐ ENCLOSURE FORWARDED AS REQUESTED		
☐ ENCLOSURE RETURNED FOR CORRECTION AS INDICATED		
☐ CORRECTED ENCLOSURE AS REQUESTED		
☐ REMOVE FROM DISTRIBUTION LIST		
☐ REDUCE DISTRIBUTION AMOUNT TO:		

REMARKS (*Continue on reverse*)

SIGNATURE & TITLE
Cheryl

COPY TO:

CLASSIFICATION (*UNCLASSIFIED when detached from enclosures, unless otherwise indicated*)

☆ U.S. Government Printing Office: 1983—605-010/8603 2-1

REPORT # 60

LABORATORY ANALYSIS ON

NAVAL SAMPLES

(A/E CONTRACT N62470-84-B-6932)

JTC REPORT # 85-179

PREPARED FOR:

DEPARTMENT OF THE NAVY

ATLANTIC DIVISION

NAVAL FACILITIES ENGINEERING COMMAND

NORFOLK, VA 23511

PREPARED BY:

JTC ENVIRONMENTAL CONSULTANTS, INC.

4 RESEARCH PLACE, SUITE L-10

ROCKVILLE, MARYLAND 20850

May 15, 1985

Ann E. Rosecrance

Ann E. Rosecrance
Laboratory Director

JTC Environmental Consultants, Inc.

Date 5/15/85 Report No. 60 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 85-179 Table 1 Date of Sample Receipt 4-15-85

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		Ca mg/g	PCB ug/g	Chloride mg/g	Oil & Grease mg/g	Iodine ppm			
white powder in glass ampules	12-0803	173	X	374	X	X			
"	12-0804	227	X	419	X	X			
"	12-0805	328	X	214	X	X			
clear oil in small flat sided jar	12-0806	X	<50	X	842	X			
tablet * in amber jar	12-0807	X	X	X	X	<0.1			

* Sample did not dissolve in water. A cloudy suspension was formed by placing the tablet in water and stirring for 24 hours. Iodine was not detected in the sample suspension.

DEPARTMENT OF THE NAVY

COMMANDER, ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA 23511-6287

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, $300

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DEPARTMENT OF THE NAVY
DOD-316

Bob Alexander
Assistant Chief of Staff Facilities
Marine Corps Base
Camp Lejeune, NC 28542

20

MAY 22 1964

NA 69

Air STATION

AMBULS - EXPLODED

HTH - EXPLODED

MOST DANGEROUS

#	CALCIUM mg/g	CH_2 mg/g
1	173	374
2	227	419
3	328	214

OIL -

PCB - <50 mg/g

APPEARS TO OIL

IODADIDE

~~WASTE OIL~~

39A TT 29TH

TCE 3.7

PCE 0

THMs 0

NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIV
Marine Corps Base
Camp Lejeune, North Carolina 28542

14 MAY 85
(Date)

From: Supervisory Ecologist
To: Supervisory Chemist
Subj: HW Sampling; status of
Encl(1) Excerpts from D. Sharpes "Suspense (HW) Log

1. Please advise of the status of the four assignments listed on the enclosure which have NOT been completed. Give the following for each:

a. Have samples been taken?

b. Have samples been shipped?

c. Date results expected.

2. Need the info on Lt. Hobbs' 27 Feb 85 assignment ASAP as that he is inquiring about results.

Dave

Date	Organization	Date completed	Reference: Comments
RCVD 15 Jan 85	2d Marines, 2nd Mar Div P.O.C. Capt. Hoschied 3404/3460		CO 2D MAR ltr 6240 MT 08 JAN 1985. Forwarded To QCL 15 JAN with 18 JAN date to inspect and 25 Jan Deadline to sample.
15 Feb 85 (Received by NREAD 11/Feb	DPDO Ms Nadine Hipp	Completed 5-MAR 85	Forwarded to QCL 15 Feb 85 with 22 Feb Deadline.
20 Feb 85	AC/S FAC Robert Alexander 3034		AC/S Facilities Ltr 6280/2 FAC of 20 Feb 85 requested Data by 1 March. Sent to Lab 20 Feb with sample completion by 1 march Date
27 Feb 85	OIC, Sassy Mgt Unit 2d LT Hobby 1468/2121 11 Feb 85		OIC Sassy Mgt Unit ltr 11000 SMU/JJH/sb 11 Feb 85 sample by 15 mar. 85 Forwarded to Lab 28 Feb 85
27 Feb 85	CO, 2D Anglico (Ssgt Lamm 3456		CO 2D Anglico Ltr 4400 S-4 14 Feb 1985 sent to Lab 28 Feb Sample by 15 MAR 85

Betsy: also what is status of DPDO Barrel labeled "Control" which I sent you a note on several weeks ago. re. sending a sample to a Dr. Appel with that company

Danny

3. SAMPLE # 26-E DATE COLLECTED 3/27/88 TIME COLLECTED 1005

NAME OF COLLECTOR H.B. LOCATION AND DESCRIPTION OF ITEM

SAMPLED Bld 1605

(E) (Looked like water)

Bld. 1605

Drums.

26 G Ph 6.5

26 E Ph 5.9

26 F Ph 5.5

E COLLECTED 3/27/88 TIME COLLECTED 1008

B. LOCATION AND DESCRIPTION OF ITEM

d (F) (Looked like water)

26-G Drum Marked (G) Looked like water.
Bld 1605

3. SAMPLE # 26-E DATE COLLECTED 3/27/88 TIME COLLECTED 1005

NAME OF COLLECTOR H.B. LOCATION AND DESCRIPTION OF ITEM SAMPLED Bld 1605

COMMENTS Drum marked (E) (Looked like water)

4. SAMPLE # 26-F DATE COLLECTED 3/27/88 TIME COLLECTED 1008

NAME OF COLLECTOR H.B. LOCATION AND DESCRIPTION OF ITEM SAMPLED Bld 1605

COMMENTS Drum marked (F) (Looked like water)

26-G Drum marked (G) Looked like water.
Bld 1605

NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIVISION
Marine Corps Base
Camp Lejeune, North Carolina 28542

11-13-84
Date

From: Director
To: Danny

Yours for action

Sampled 3/27/85
Sample numbers
26-E, F, G
Looked like water.

Bet=

P/

Take individual Samples

(3) Sampled 3/27/85

NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIVISION
Marine Corps Base
Camp Lejeune, North Carolina 28542

11-13-84
Date

From: Director
To: Danny

Yours for action

Johnny
11-13-84

Betz:

Please handle this.

D. Sharpe

Take individual Samples

(3) Sampled 3/27/85

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

IN REPLY REFER TO
5100
48
5 Nov 1984

FIRST ENDORSEMENT on CO, 8th CommBn ltr 5100 o5 of 26 Oct 1984

From: Commanding General
To: Commanding General, Marine Corps Base, Camp Lejeune NC
(Attn: Director, Natural Resources and Enviornmental Affairs)

Subj: INSPECTION OF HAZARDOUS SUBSTANCE, REQUEST FOR

1. Forwarded.

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

Copy to:
CO, 8th CommBn

UNITED STATES MARINE CORPS
8th Communication Battalion
2D Force Service Support Group (REIN)
Fleet Marine Force, Atlantic
Camp Lejeune, North Carolina 28542-5707

IN REPLY REFER TO
5100
04
26 Oct 1984

From: Commanding Officer, 8th Communication Battalion
To: Commanding General, Marine Corps Base Camp Lejeune
(Attn: Natural Resources and Environmental Affairs Director)
Via: Safety Officer, 2d Force Service Support Group (Rein)

Subj: INSPECTION OF HAZAROUS SUBSTANCE, REQUEST FOR

1. Request inspection or analysis of the liquid contained in three, 55 gallon drums located at building 1605. The drums are known to have been at that location in excess of two years and appear to contain a mixture of water and oily substance.

2. POC is 1stLt DILLON at extension 1622/2730.

D. G. PELFREY
By Direction

DDI

ASSISTANT CHIEF OF STAFF, FACILITIES
HEADQUARTERS, MARINE CORPS BASE

DATE 13 AUG 1984

TO:

BASE MAINT O
PUBLIC WORKS O
COMM-ELECT O
DIR., NAT. RESOU

DIR, FAMILY HOUSING
DIR, UNACCOMPANIED PERS HSG
BASE FIRE CHIEF

ATTN: Mr.

1. Attached is fo

2. Please initia s office.

Looked at and at least 6 that I opened looked like undercoating.

#

No Sample
3/27/85

3. Your file copy.

Hold

BWElston
by dir

"LET'S THINK OF A FEW REASONS
WHY IT CAN BE DONE"

Take every 5th Barrel / quart

MCBCL 5216/21 (REV. 6-83)

DD

ASSISTANT CHIEF OF STAFF, FACILITIES
HEADQUARTERS, MARINE CORPS BASE

DATE 13 AUG 1984

TO:

BASE MAINT O
PUBLIC WORKS O
COMM-ELECT O
DIR., NAT. RESOURCES & ENV. AFFAIRS
DIR, FAMILY HOUSING
DIR, UNACCOMPANIED PERS HSG
BASE FIRE CHIEF

ATTN: Mr. Sharpe

1. Attached is forwarded for info/action.

2. Please initial, or comment, and return all papers to this office.

3. Your file copy.

Hold

D Welston
by dir

"LET'S THINK OF A FEW REASONS
WHY IT CAN BE DONE"

Take every 5th Barrel / quart

MCBCL 5216/21 (REV. 6-83)

UNITED STATES MARINE CORPS
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542

IN REPLY REFER TO
5100
LOG
10 Aug 1984

THIRD ENDORSEMENT on CO, 2d MaintBn ltr 5100 40/R/T dtd 27Jul84

From: Assistant CHief of Staff, Logistics, Marine Corps Base
To: Assistant CHief of Staff, Facilities

Subj: HAZARDOUS MATERIAL, ANALYSIS

1. Returned requesting a chemical analysis be conducted to determine identity of subject material.

C. J. Barone
C. J. BARONE
By direction

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

5100
FAC
8 AUG 1984

SECOND ENDORSEMENT on CO, 2d MaintBn ltr 5100 40/R/T of 27 Jul 84

From: Assistant Chief of Staff, Facilities, Marine Corps Base, Camp Lejeune
To: Assistant Chief of Staff, Logistics (Attn: Hazardous Material Disposal Coordinator)

Subj: TURN-IN OF HAZARDOUS MATERIAL

1. Readdressed and forwarded for appropriate action.

J. G. Fitzgerald
J. G. FITZGERALD
By direction

Copy to:
CO, 2d MaintBn

RECEIVED AT
AC/S LOGISTICS
MCB, CAMP LEJEUNE, NC

'84 AUG -9 A10:29

5100
42
3 Aug 1984

FIRST ENDORSEMENT on CO, 2d MaintBn ltr 5100 40/R/T of 27 Jul 1984

From: Commanding General
To: Commanding General, Marine Corps Base, Camp Lejeune NC
(Attn: Assistant Chief of Staff, Facilities)

Subj: TURN-IN OF HAZARDOUS MATERIAL

1. Readdressed and forwarded requesting appropriate action.

D. A. CERVENY
By direction

Copy to:
CO, 2d MaintBn

UNITED STATES MARINE CORPS
2d Maintenance Battalion
2d Force Service Support Group(Rein)
Fleet Marine Force, Atlantic
Camp Lejeune, North Carolina 28542

5100
40/R/T
27 July 1084

From: Commanding Officer
To: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina(Attn: Hazardous Material Disposal Coodinator)
VIA: Commanding General, 2d Force Service Support Group(Rein) (Attn: Safety Officer)

SUBJ: TURN-IN OF HAZARDOUS MATERIAL

1. It is requested that Forty Five(45) 55 gal. drums of an unidentified material be analized to determine if it is hazardous, so the turn in to DPDO can be accomplished.

2. Point Of Contact this command is GYSGT RADEMACHER at ext. 5222/3989

P. G. Smith
P. G. SMITH
By direction

TOP LOVEJOY

Bld
1601

Top Sgt Williams

Cpl RAY

HW 1985

6241/1