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ASSISTANT CHIEF OF STAFF, FACILITIES HEADQUARTERS, MARINE CORPS BASE

DATE 11-3-87

TO:

BASE MAINT O

PUBLIC WORKS O

COMM-ELECT O

DIR, FAMILY HOUSING

DIR. BACHELOR HOUSING

BASE FIRE CHIEF

DIR., NAT. RESOURCES & ENV. AFFAIRS)

ATTN: Mr &

1. Attached is forwarded for info/action.

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

3. Your file copy.

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

Association of the same of the



UNITED STATES MARINE CORPS MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542-5001

IN REPLY REFER TO:

6280 SJA41

3 0 OCT 1987

Staff Judge Advocate, Marine Corps Base, Camp Lejeune To:

Assistant Chief of Staff, Facilities, Marine Corps Base,

Camp Lejeune

Subj: DISPOSAL OF HAZ ARDOUS WASTE FUEL

Ref: (a) CG, MCB 1tr 6280/2 Fac of 20ct87

(b) SJA 1tr 6280 SJA41 of 130ct87

In accordance with the reference which requested staff documentation of efforts taken to dispose of the hazardous waste fuel located aboard the installation, this negative report is submitted. No significant action has been taken by this Office regarding this issue since my previous report, reference (b).

A. P. TOKARZ

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08 BC Lejenne Stail Judge Advocato, Marine Corps Base, Camp Lejor Stail Judge Advocato, Marine Corps Lo:

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SIOC \$83 1306 tel 111 6380\8 15 E A . 00 (8) (8) 300 C

regarding this issue since my previous report, reference of the decrease of the hazardons of efforts taken to dispose of the hazardons fuel located aboard the installation, this negative report of outsitted. No significant action has been taken by this Of the located aboard taken by this Of the installation of efforts the installation of efforts of the installation of the province of the installation of efforts of the installation of the inst

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A. P. TOKARS



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98 8E TO JOHN Marine Corps Stail Judge Advocate, Marine Corps Base, Camp (Stail Judge Chief of Stail, Packlittes, Marine) rejenne IO:

SUPP: DISLOBUT ON HANDWIS BURL MARK

1306 181 TO 281 9880 81841 JfL 688018 SAY TEE (8) 198

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



6280/2 FAC

DATE:

NOV 0 3 1987

FROM:

Assistant Chief of Staff, Facilities, Marine Corps Base,

Camp Lejeune

TO:

Director, Natural Resources and Environmental Affairs

Division

SUBJ:

DISPOSAL OF WASTE OIL CHRONOLOGY

Separate file for This

Encl:

(1) Dir NREAD 1tr 6240 NREAD dtd 26 Oct 87

(2) BMO memo 6280 MAIN dtd 26 Oct 87

(3) Log of Actions on Disposition of Oil-DRMO

1. The enclosures are forwarded for your retention as office of record for waste oil management. A copy is being provided to Base Staff Judge Advocate for review/ information.

By direction

Copy to: SJA

☆ U.S. GPO: 1983 - 739-003/2118 Region 3-11

FROM B A VOW

Abriscant Chief of State, Faulistias, Alline Orp. Lase, Casp. Sirune Diffector, Manural Resources and Sevindemental of Sakra Division

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OPNAV 5216/144A (Rev. 8-81) S/N 0107-LF-052-2320 Memorandum

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B. W. ELSTON By direction

Copy to:

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6240 NREAD 26 Oct 87

From: Director, Natural Resources and Environmental Affairs

Division, Marine Corps Base, Camp Lejeune

To: Assistant Chief of Staff, Facilities, Marine Corps Base,

Camp Lejeune

Subj: DISPOSAL OF WASTE OIL

Ref: (a) CG, MCB ltr 6280/2 FAC of 2 Oct 87

Encl: (1) Log of NREAD Waste Oil Management Activity

1. The enclosure is provided per the reference.

J. I. WOOTEN

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MONDOW S. B. . M.

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WASTE OIL MANAGEMENT ACTIVITY LOG

19 Oct 1987

- 1. Waste Conversion, Incorporated pumped 5,000 gallons of hazardous waste oil from tank S-781 at Building 45.
- 2. The Environmental Chemistry and Microbiology Section sampled seven individual waste oil tanks at MAG 26, MCAS, New River.
- 3. NREAD began daily inspections of waste oil tanks used by Base Maintenance Officer for central storage of waste oil contaminated by halogens. Numerous problems with leaking piping and valves have been identified. Base Safety Office is assisting with preliminary evaluation of the facilities to include insulation and possible asbestos problems. Many of the discrepancies have been brought to the attention of Mr. L. D. Shepard. A thorough review of each facility with a Roads and Grounds Foreman is scheduled for the week of 26 October 1987. The findings of inspection to date, will be formally forwarded in writing to the Base Maintenance Officer.
- 4. Analysis of STT-64, STT-65 and STT-66 were sent to BMO and DRMO. STT-64 and STT-65 contained over 1000 ppm TOX. BMO advised that STT-64 and STT-65 were filled.

20 Oct 1987

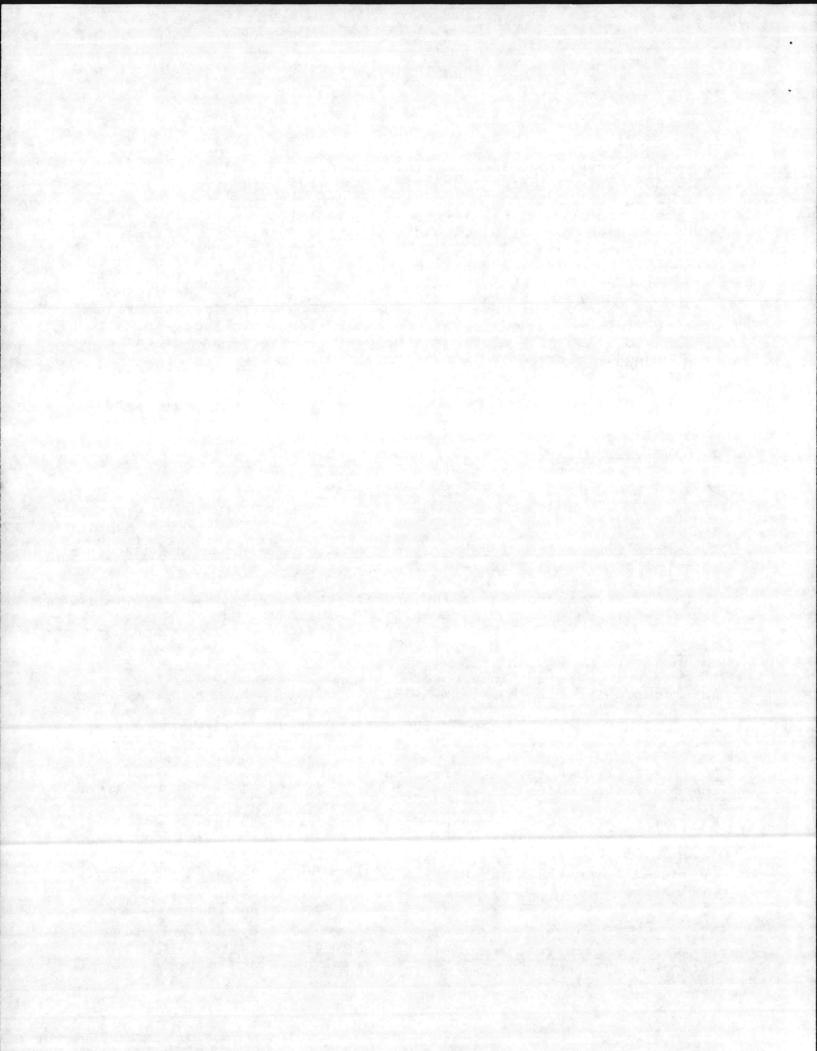
- 1. Waste Conversion, Incorporated pumped 5300 gallons of hazardous waste oil from tank S-781 at Building 45.
- 2. The Environmental Chemistry and Microbiology Section sampled seven individual waste oil tanks at MAG 29, MCAS, New River.

21 Oct 1987

- 1. Waste Conversion, Incorporated pumped 15,450 gallons of hazardous waste oil from tank S-781 at Building 45.
- 2. Auburn University pumped 6500 gallons of used oil from tank STT-63 at Tarawa Terrace.
- 3. The Environmental Chemistry and Microbiology Section sampled the remaining individual waste oil tanks at MAG 29, MCAS, New River.
- 4. Tom Barbee, Environmental Control Specialist, experimented with the test kits for the determination of Chlorine in used oil, on some of the tanks previously analyzed by JTC Environmental Consultants, Incorporated. The correlation of data appears very promising.

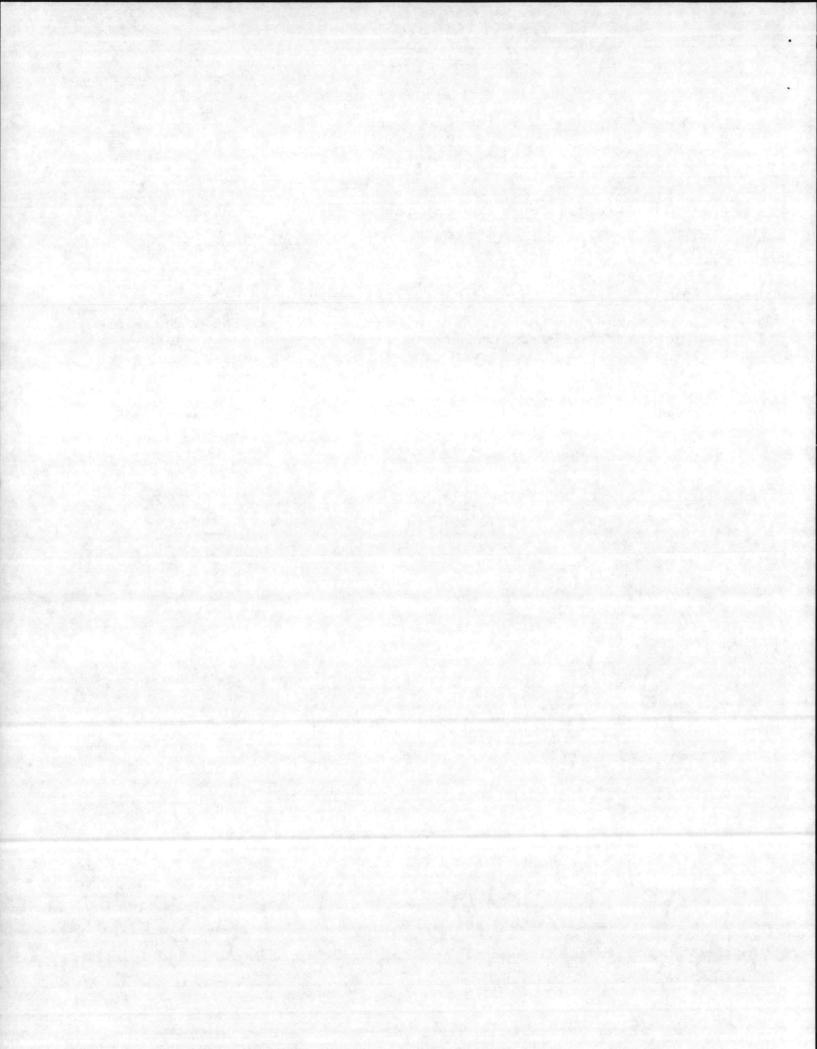
22 Oct 1987

1. Waste Conversion, Incorporated pumped 8,187 gallons of hazardous waste oil from tank S-781 at Building 45.



23 Oct 1987

- 1. Waste Conversion, Incorporated pumped 10,200 gallons of hazardous waste oil from tank S-781 at Building 45, and 8,950 gallons from tank AS-421 at MCAS, New River.
- 2. Tank S-781 is empty, except for the sludge residues at the bottom.
- 3. Glenee Smith, NREAD, accompanied Tex Ritter, Base Safety on a safety inspection of the waste oil storage tank facilities located at Holcomb Boulevard, Tarawa Terrace, and MCAS, New River.
- 4. Tom Barbee and Manuel Martin, NREAD, measured the dimensions and depths of the waste oil tanks at Holcomb Boulevard and MCAS.
- 5. TOX test kits were received by Inspector's Office.



Memorandum

MAIN

DATE: 26 Oct 87

Base Maintenance Officer FROM:

Assistant Chief of Staff, Facilities TO:

SUBJ: DISPOSAL OF WASTE OIL

Ref: (a) CG memo 6280/2 Fac of 2 Oct 87

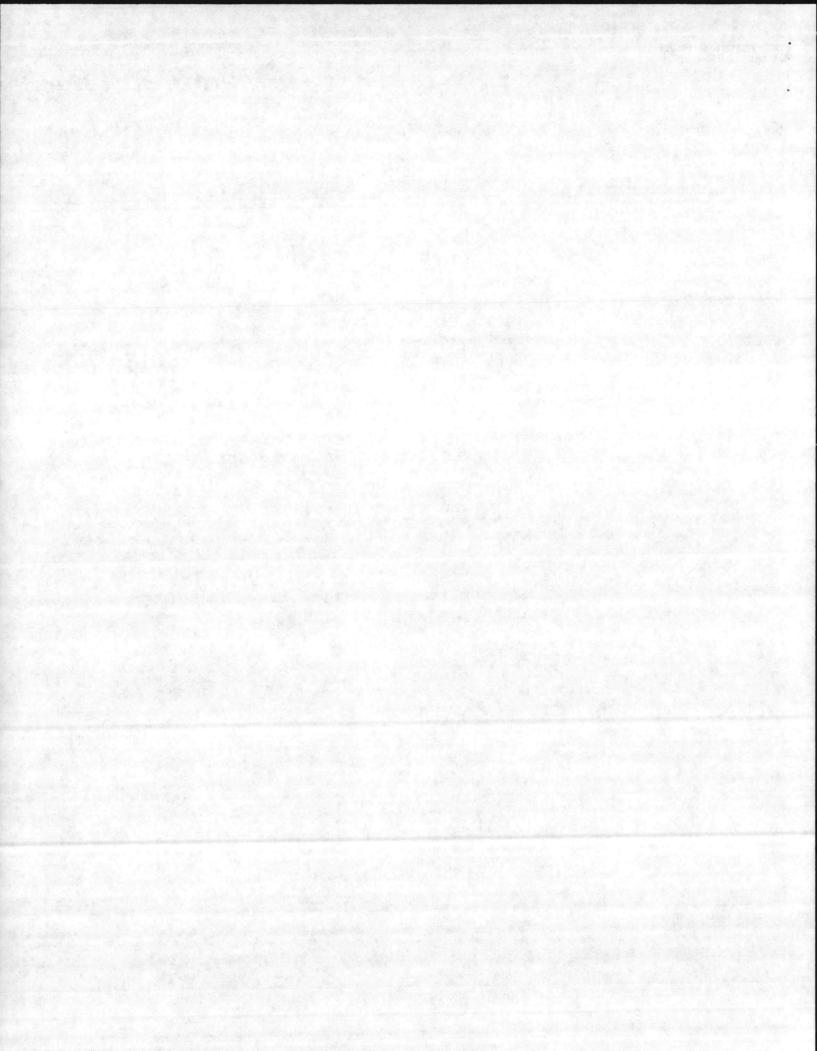
Encl: (1) Waste Oil Log, Heavy Equipment Section (2) Waste Oil Log, Utilities Branch (3) Waste Oil Log, Property Section

As requested by the reference, enclosures (1) through (3) are

By direction

provided.

*U.S. GOVERNMENT PRINTING OFFICE: 1986-605-009:35418



Regarded tanks 5 tf-64 and 511-65. be simpled, Analysis landerted, and disposed of As Soon as possible.

No word on waste oic

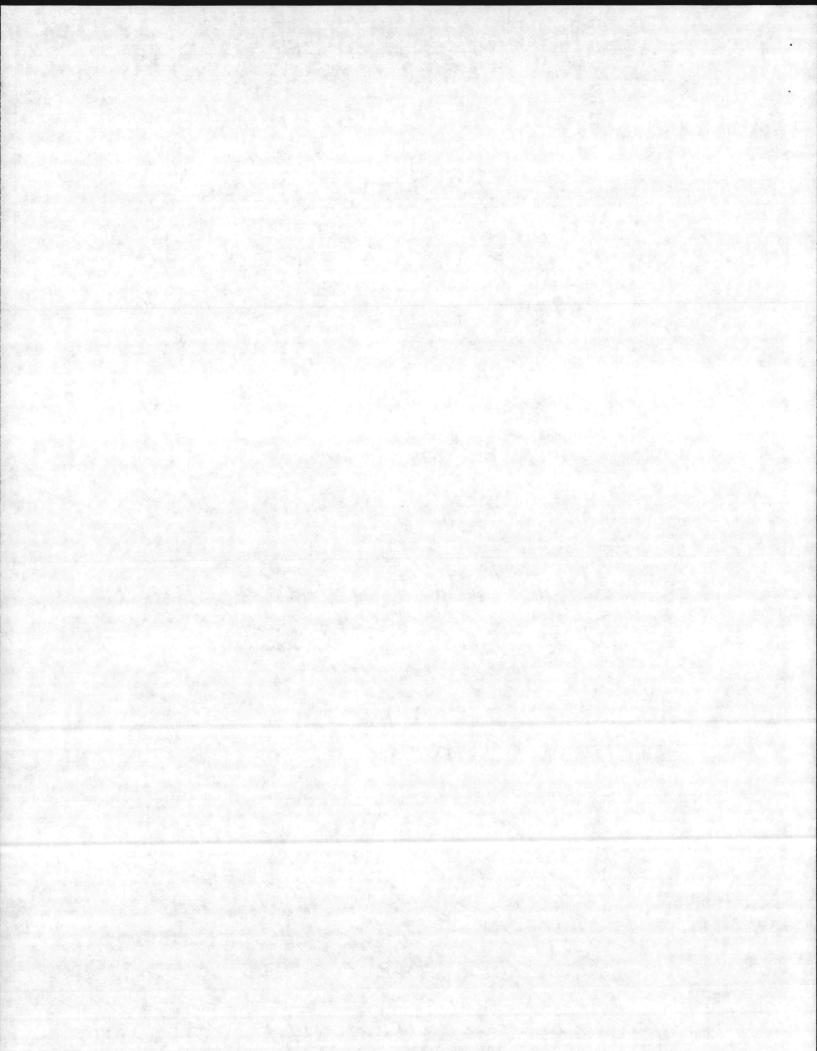
Twee at Beild of # 45 picking up worte oil at 5.781. Chang up Annual Tank at 5.781. Mish Riby with Demo state all oil out of 5.781 but about 6."

10.22-87

Truck as at 5.781 picking up worte
oil from Tanks. No word on any other worke

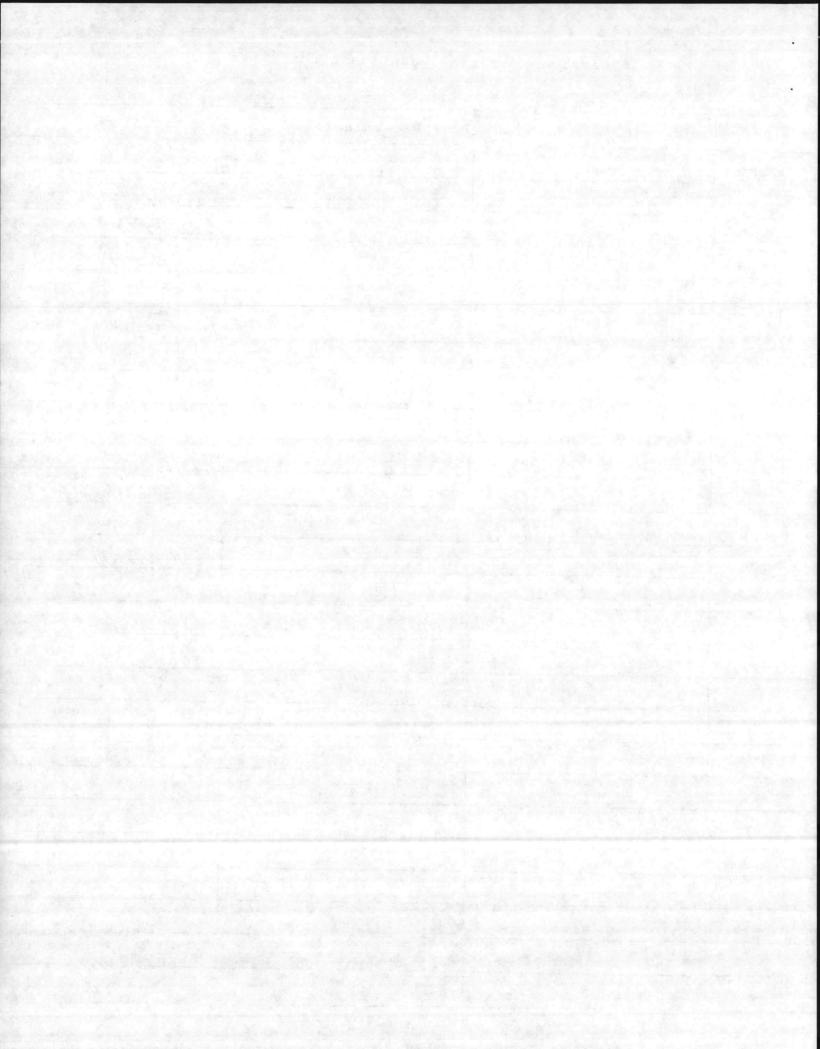
George Ageno (illed and wanted to Rnew Cloud Maring Corpling from Blog 1145 to A5 419 420 421. Regarded Croye Prop one of A5 Empty.

10 Word on AND Other Works with L. D. Shipand potented the gate was left open a TT storoge site. Impand Lini chose no broundspe of it but, NREA, Frie Apt., DRMO, AND to Lay to ANA.



Hazardous Material Management Daily Log

Date	Item No./Description	HW Determination Date	Action/Remarks
		10-6-87	Letter level from NREAD
-6-87	SAMPLE 87-20/55 gol al dum	11	Inspectation
1-7-87	" "	11	Seal request for disposed to H.
-8-87	11	W I I I I I I I I I I I I I I I I I I I	NO ACTION
- 9-87	// //	,	"
-13-87		?	CONTACTED DRING TO DISPOSE OF ENTIRE TANK SE
-14-87	500 gel tank @ M-625		
-15-87 -110-87	1 2 2 2 2 1 2 1 de 2 de 2	10-6-87	CHECKED DITH STEAM PLANT TO SEE IF MAT.
-16-87 1-16 07	3AMPLE 37-20/55 gal oil deum 500 gail lank @ M625	70-6-87	NADINE HIP (DRMO) INFORMED UTILITIES THAT NEW CONTRACTS
-19-87	Sought Mark Cilipas		TANK IF A TURNOVER DOCUM
			DAVE BULLOCK HMDO) TO SIE A DISTOSAL REQUEST
N 10 22 27			NO ACTION
10-20-87			NO ACTION
10-21-87 10-22-87	The second second		NO ACTION
10-23-87			NO ACTION
10-2001			
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			A Secretary of the second seco
			Encl (2)

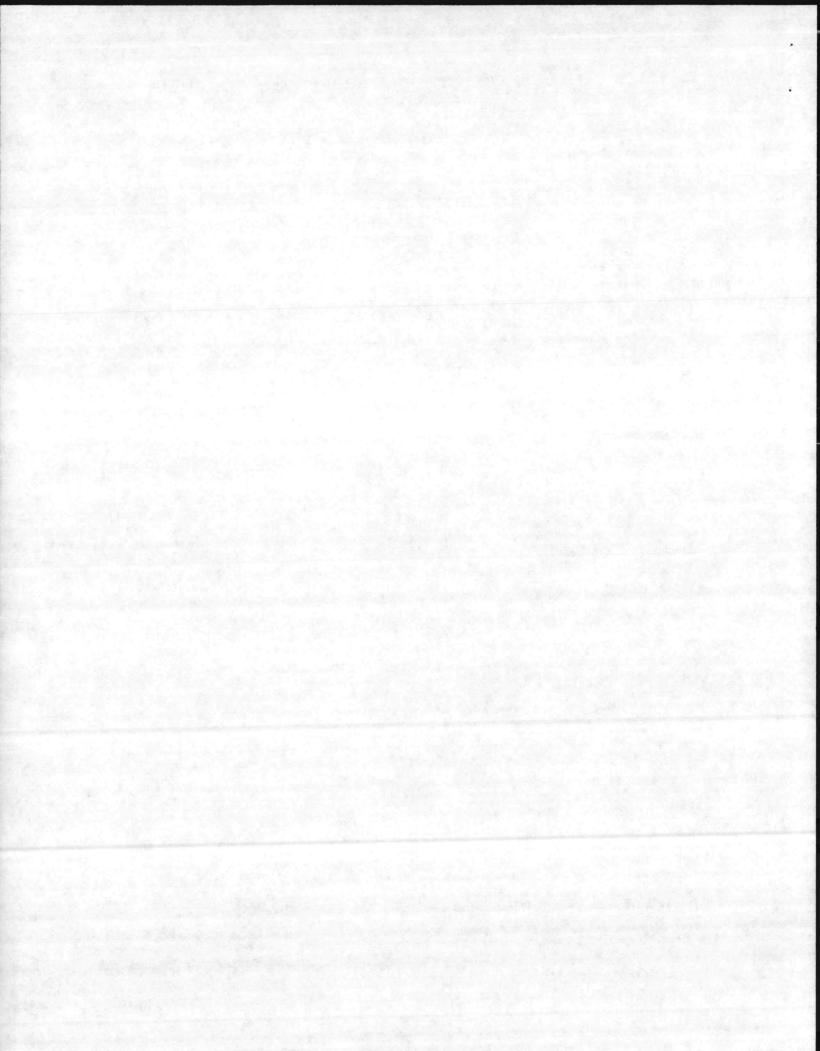


DAVID K. Bulcock (HMDO) Base Maint. Div. Week of 19-23 Oct 87

1900:87, Reco mone from mr. GUEGANUS requesting chemical analysis of tanks no rec STIE4 & STI-65. Propa cal memi ? Maturia Resources refreiently divalyses of the two a) to no be expectite, and analysis report for estates of Contents be fine in succession Mi BAKER Filities soid that he is a contracted by mis Hope ORN's concerning the 500 - take of with hotel the first war that this is to con-6 55 gar dumo, y . There the disposal december of #1013182 7219-6009 to Mis Hipp go actions 2000/87-76 action pertaining to FIM/HW

31 Oct 87 Mr. Powell enform me that the request for constysis of tanks 51764 ? 65 had been return to his office. He further stated that follow-up cotion to have on up to date analysis would be conducted by himself.

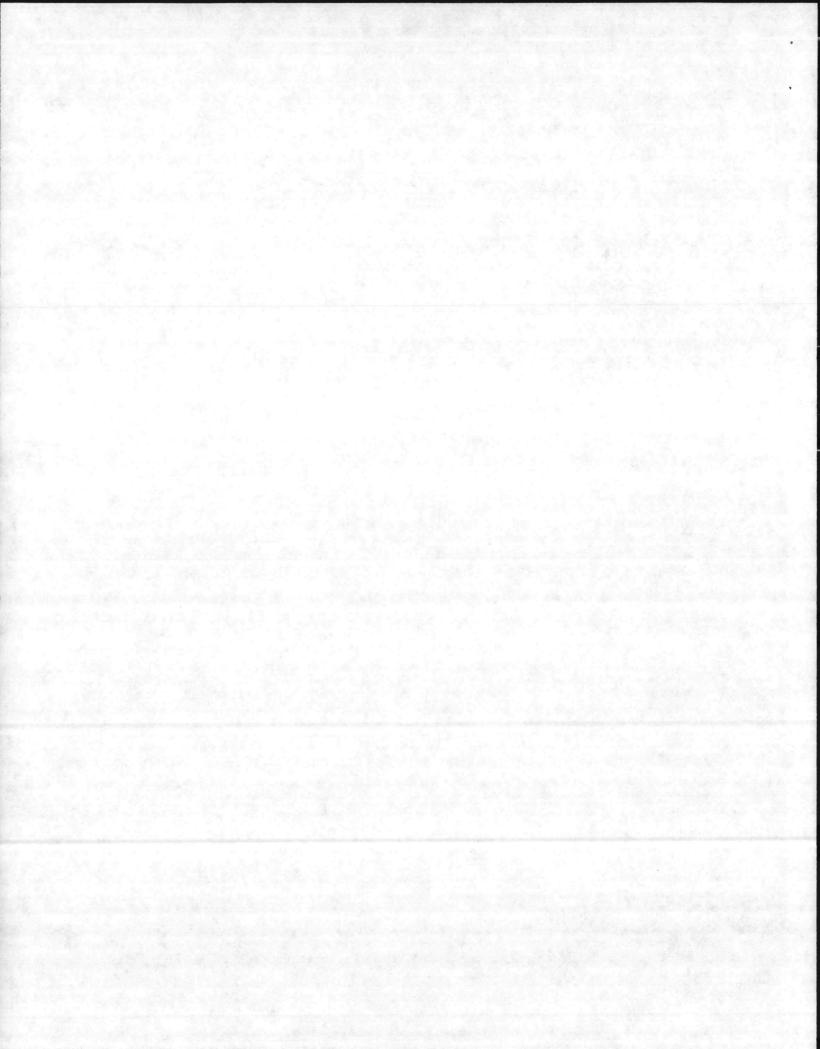
Encl (3)



David K. Buccock (Sm. Do)
Base Mr. J. D. J.
week of 19-23 oct87

28 oct87 - asist MR 6 WYNN in informal HW inspection of Bess preintenance during the period of 0830-1200.

23 Oct 87- Reco reguest from 2nd Mr. PARKER (Paint Shop)
requesting disposed of I draw of Kerosene
Contaminated with paint (HW).

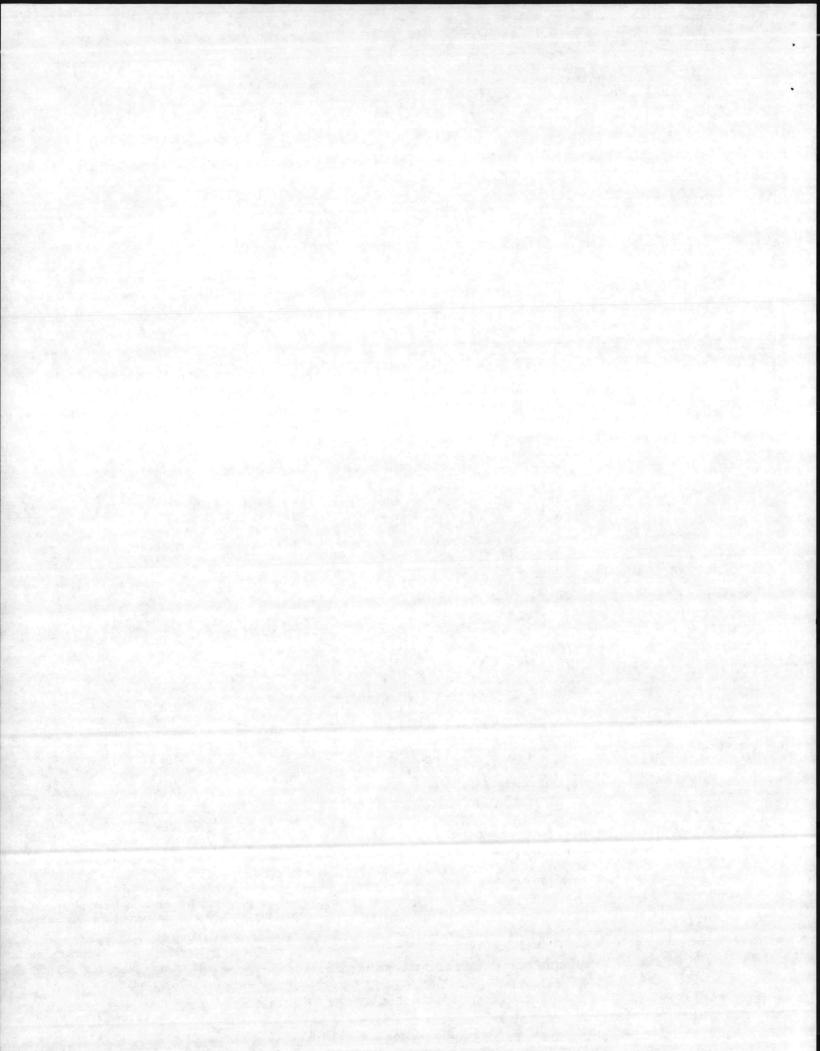


LOG OF ACTIONS ON DISPOSITION OF OIL - DR MO

- 6 Oct 87 0900 Phonecon J. Dempsey/Hipp Requested emergency funding for disposal of 60,000 gallons of waste oil at the New River Air Station.
- 6 Oct 87 Indorsed Base Logistics letter to Region for action. Requested emergency funding for all oil stored at the Camp Lejeune Complex.
- Phonecon J. Dempsey/Hipp Battle Creek to fax funding approval on 30,000 gallons at New River Air Station oil today to Memphis. She is also requesting emergency funding for remaining 192,000 gallons at tank 45. The entire tank was funded (272,000 gal) until contractor had sample done and found too many ppm's of halogen in the oil They negotiated with Battle Creek on price. Was .82c per gallon to remove now \$2.69 to remove, thus reducing the gallons funded from 272,000 to 80,000 from tank 45. The current contract expires tomorrow but they will extend. The new contract will let shortly and remaining oil will be included in it. She doesn't feel there will be any problem in removing all oil by 1 Dec 87.

Thru

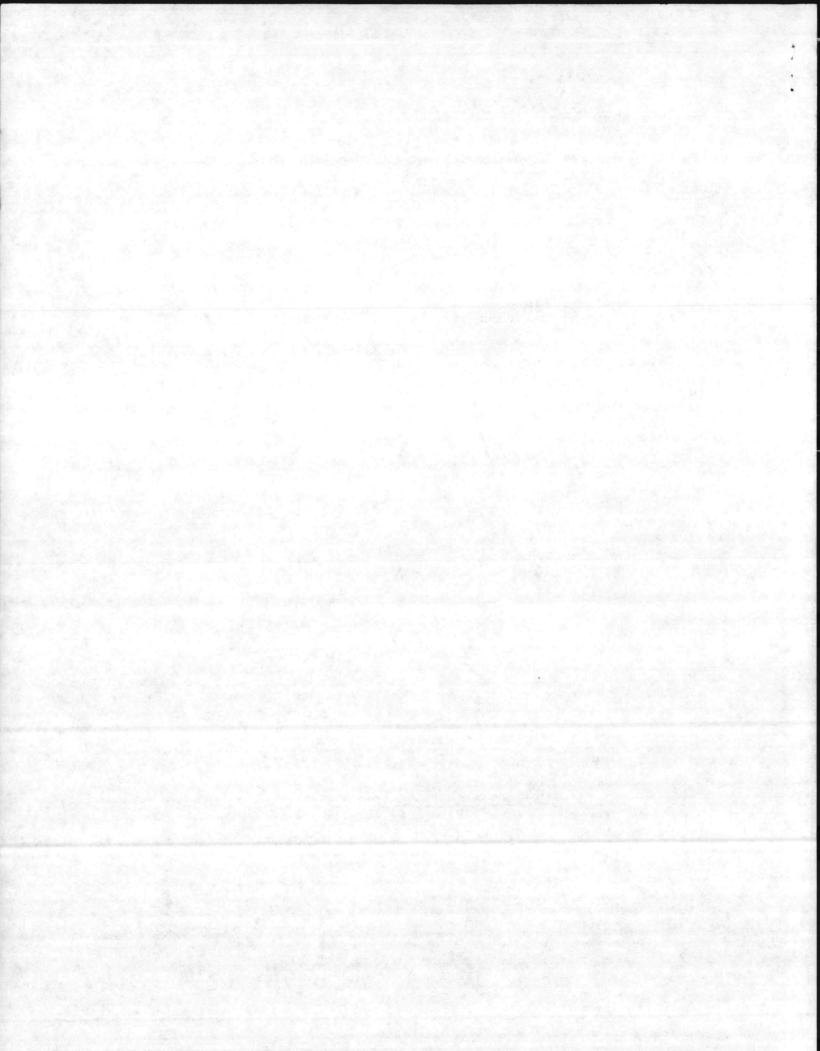
- 7 Oct 87 Thru this day Waste Conversion has removed 41,382 gallons from tank 45.
- Phonecon Hipp/Dempsey Funding approved for additional 192,000 gallons waste oil from tank 45. Order will go to waste conversion in writing today for confirmation. It is OK for them to remove 30,000 from air station if we forgo removal of 30,000 from tank 45 if the contractor agrees. She is working for the funding on the additional 30,000 gal.
- Phonecon Jim Brennon, Waste Conversion/Hipp He understood it was 30,000 in addition to the 192,000 if so no problem to remove first. If not, he needs to talk to his people as there may be problems with the analysis. He will let me know for sure tomorrow or Tuesday.
- 9 Oct Waste Conversion picked up 10,000 gallons of oil, Tank 45.
 Total 51,382.
- 9 Oct 87 Phonecon J. Brennon, Waste Conversion/Hipp Received funding approval doc from Memphis for 60,000 gallons at Air Station and also remaining oil at tank 45. Will start at Air Station within next couple of weeks.
- 13 Oct 87 Total removed to date 70,862, gallons removed by Waste Conversion 0844 AM. Will have truckers in today.



LOG OF ACTIONS ON DISPOSITION OF OIL-D	LOG	ACTIONS	OIV	DISPUSITION	OF	OT L-DR
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PAGE 2

13	OCT	87	Waste	Conversion	removed	15,100	gallons	- Total	85,982.
14	OCT	87	Waste	Conversion	removed	25,200	gallons	- Total	111,182.
15	OCT	87	Waste	Conversion	removed	20,000	gallons	- Total	131,182.
19	OCT	87	Waste	Conversion	removed	5,000	gallons	- Total	136,182.
20	OCT	87	Waste	Conversion	removed	5,300	gallons	- Total	141,482.
21	OCT	87	Waste	Conversion	removed	15,450	gallons	- Total	156,932.
22	OCT	87	Waste	Conversion	removed	8,187	gallons	- Total	165,119.
23	OCT	87	Waste	Conversion	removed	10,200	gallons	from Tar	nk 45 and
			8,950	from the Ai	ir Statio	on –		Total	184,269.



6241/2 NREAD 15 Nov 97

Commanding Ceneral, Marine Corps Base, Camp Lejaune Defense Routilization and Marketing Officer, Defense Time Logistics Agency, Lejeune, Camp Lejeune, NC 28542-3001

WASTE OIL STORAGE TAMES; AS-419, STY-64 and STT-65; DISPOSAL OF

(a) BO 6240.5 Ref: (b) SHO ler 6280 MAIN of 6 Nov 87

(1) DD Form 1348-1, Contents of Tank STT-64 Encla (2) DD Form 1348-1, Contents of Tank STT-65 (3) DD Form 1348-1, Contents of Tank AS-419

(4) JTC Environmental Consultants, Inc. Rept. No. 87-441 (5) JTC Environmental Consultants, Inc. Rept. No. 87-444

- In accordance with reference (a), enclosures (1) through (3) are forwarded for your action. As requested in reference (b); RREAD has signed enclosures (1) through (3). Enclosure (4) contains the Total Organic Halogen (TOX), Plashpoint and Metals analysis of the contents in STT-64 and STT-65 as of 15 Sep 87, which showed the tanks to contain a hazardous waste. Base Maintenance has added oil to STT-64 and STT-65 since 15 Sep 87. however, the additional oil can not change the classification from hazardous waste. Enclosure (5) contains the TOX and Volatile Organic Chemical (VOC) analysis of AS-419 (Sample ID No 87-79 and 67-80) as of 15 Sep 87. The preliminary analysis showed the tank to contain a hazardous waste. On 6 Nov 87, AS-419, sealed by Base Maintenance, was resampled for TOX, Plashpoint and Netals. The analysis will be forwarded when received.
- 2. It is requested that the contents of the subject tanks be disposed of in the same time frame as STT-61, STT-62, S-889 and S-891. Please advise as soon as possible of the anticipated dates removal of the contents of the subject tanks is anticipated both to begin and to be completed. Point of orntact with this matter is Mr. Danny Sharpe, extensions 2003 or 2195.

JULIAN I. WOOTEN By direction

Blind copy to: BMO ECMS (2)



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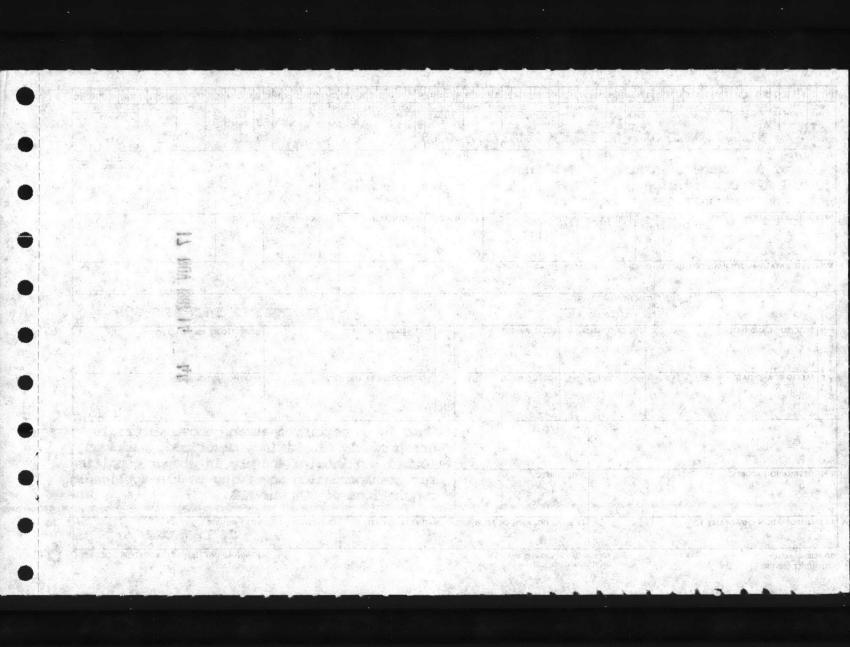
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DD FORM 1348-1 S/N 0102-LF-013-1040 EDITION OF 1 JAN 64 MAY BE USED UNTIL EXHAUSTED



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DD FORM 1348-1 S/N 0102-LF-013-1040

1 MAR 74

EDITION OF 1 JAN 64 MAY BE USED UNTIL EXHAUSTED

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

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SELECTED BY AND	DATE			ONTAINER(S)	-	TAL WEIGHT		RECEL	RECEIVED BY	AND D	ATE			8	NSPECTE	D BY	AND D	ATE		
PACKED BY AND D	ATE	*4	NO. OF C	ONTAINER	6	TAL CUBE		P E R S	WAREHOUSE 9	D BY A	ND DA	πE			0 0	USE I	OCATI	ON		
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U.S. GOVERNMENT PRINTING OFFICE: 1982-361-328/V-149

DD FORM 1348-1 S/N 0102-LF-013-1040 1 MAR 74

EDITION OF 1 JAN 64 MAY BE USED UNTIL EXHAUSTED

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

OFF ICE: PRINTING U.S. GOVERNMENT

> DD FORM 1348-1 S/N 0102-LF-013-1040

1 MAR 74

EDITION OF 1 JAN 64 MAY BE USED UNTIL EXHAUSTED

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

OFF ICE: PRINTING GOVERNMENT

DC FORM 1348-1

S/N 0102-LF-013-1040

EDITION OF 1 JAN 64 MAY BE USED 1 MAR 74 UNTIL EXHAUSTED

Partial Results

JTC DATA REPORT # 87-441 LABORATORY ANALYSIS ON NAVAL SAMPLES
CONTRACT #N62470-86-C-8754

CASE # 136

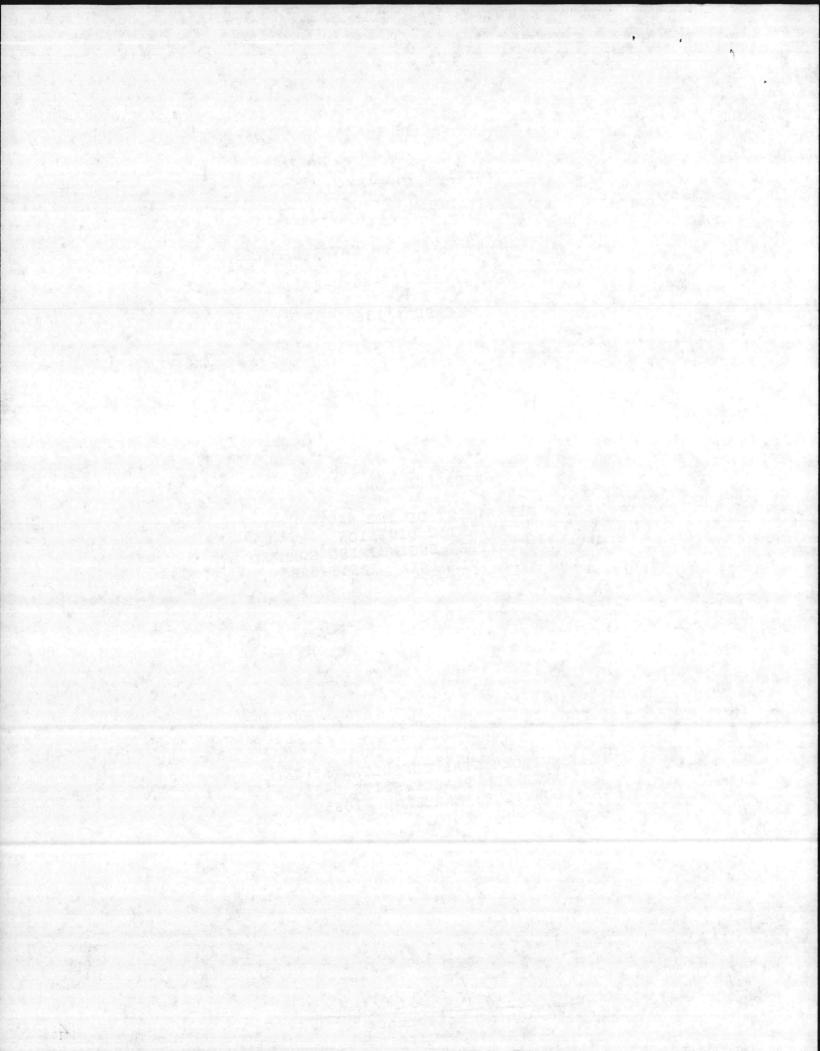
PREPARED FOR:

DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA 23511-6287

PREPARED BY:

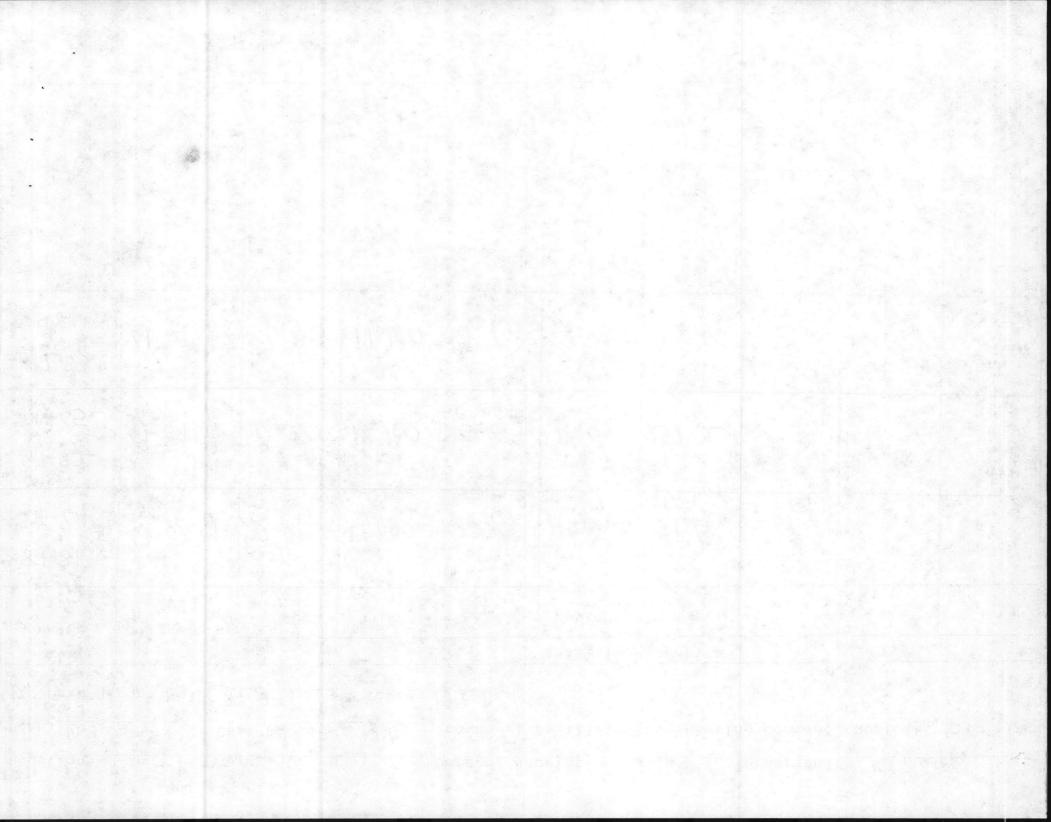
JTC ENVIRONMENTAL CONSULTANTS, INC. 4 RESEARCH PLACE, SUITE L-10 ROCKVILLE, MARYLAND 20850

OCTOBER 5, 1987



Location: Camp Lejeune	Date of Receipt: 9-21-87 Turnaround: 15 days
Date: 10-12-87 Case No. 136 Add	to Naval Facilities Engineering Command, Norfolk, Virginia
JTC Data Report No. 87-44 Table	= 1 of 1

NAVY	JTC			U	ANALYSIS	PARAMETER		
SAMPLE ID	SAMPLE I D	Тох %	BTU per 1b.	B5+W.	% water			
87-81 STT-64	61-0979	0.23	17,000	22.0	10.3	41.4		
87-82 511-65	61-0980	0.20	19,100	0.6	0.05	37.2		
87-83 511-64	61-0981	<0.05	19,100	1.7	1.4	35.5		



Addendum

JTC DATA REPORT # 87-441

LABORATORY ANALYSIS ON NAVAL SAMPLES

CONTRACT #N62470-86-C-8754

CASE # 136

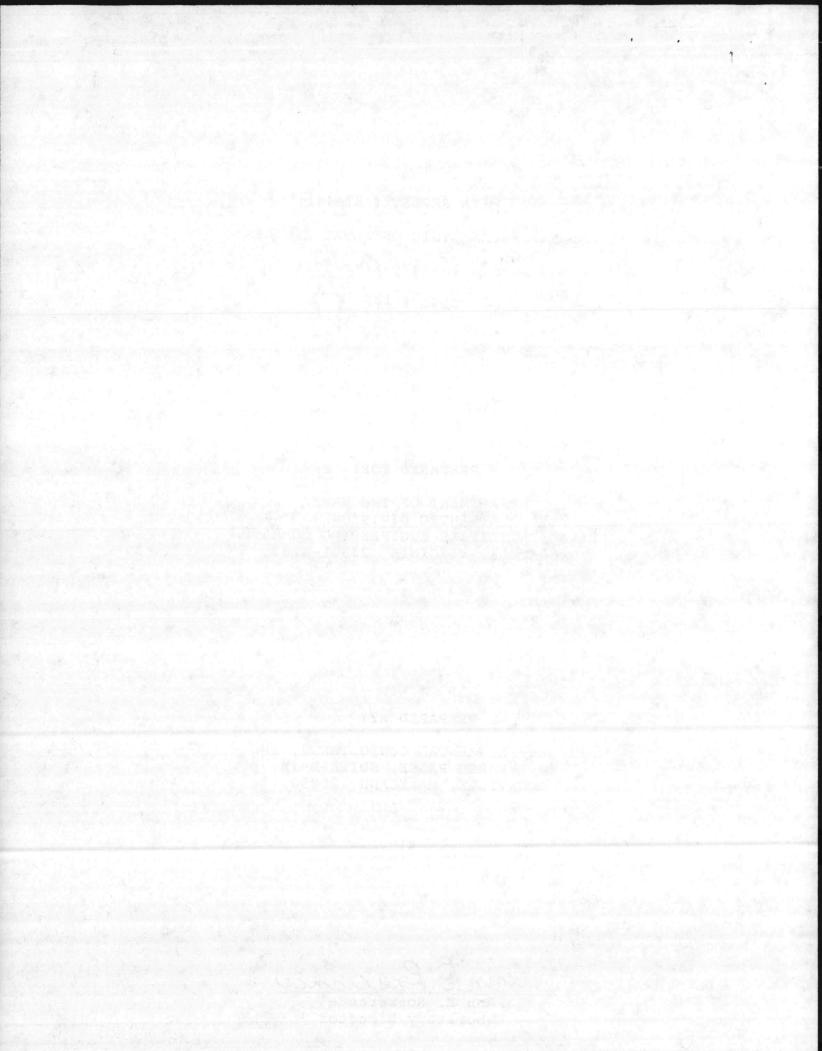
PREPARED FOR:

DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA 23511-6287

PREPARED BY:

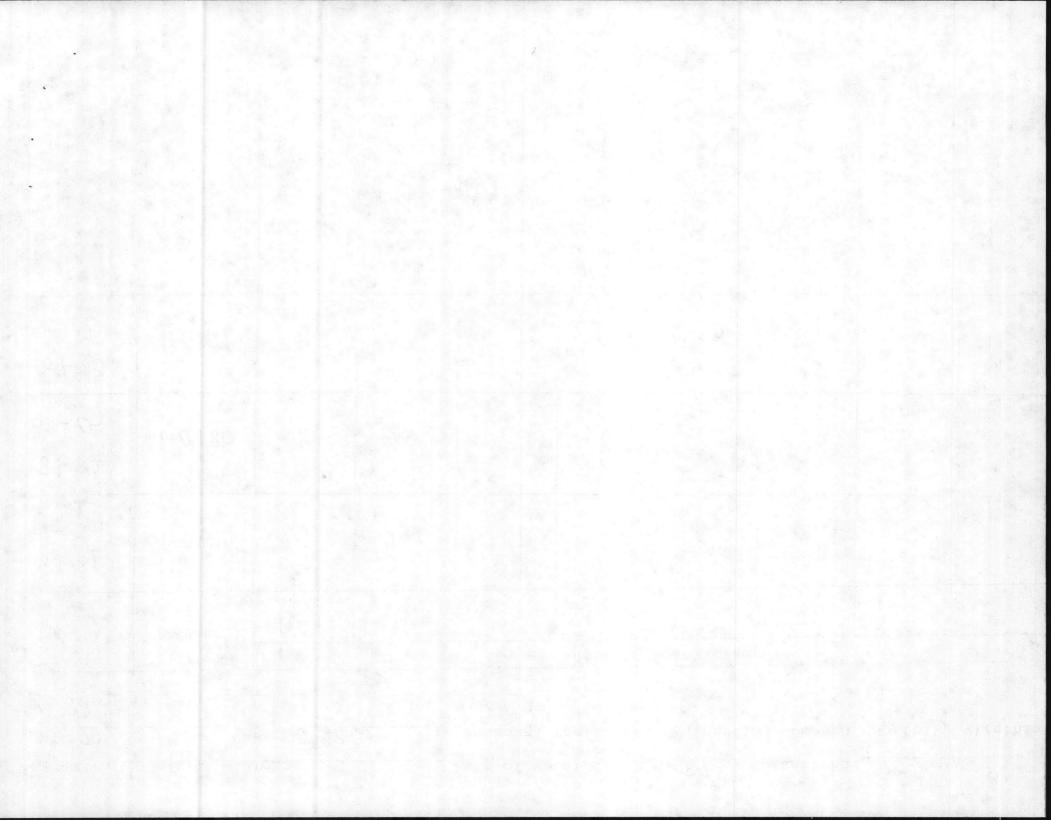
JTC ENVIRONMENTAL CONSULTANTS, INC. 4 RESEARCH PLACE, SUITE L-10 ROCKVILLE, MARYLAND 20850

OCTOBER 12, 1987



Location: Camp Lejeune	Date of Receipt: 9-21-87 Turnaround: 10 days
Date: 10.5.87. Case No. 136	to Naval Facilities Engineering Command, Norfolk, Virginia
JTC Data Report No. 87-441	Table / of

ИЛИУ	JTC				ANALYSIS	PARAMETER		
SAMPLE	SAMPLE ID	PCB mg/g	Thehemit					
87-81 511-64	61-0979	<i>45</i>	28					
87-82 511-65	61-0980	< 5	35					
87-83 511-64	61-0981	< 5	30	·			·	



Addendum A

JTC DATA REPORT # 87-441

LABORATORY ANALYSIS ON NAVAL SAMPLES

CONTRACT #N62470-86-C-8754

CASE #136

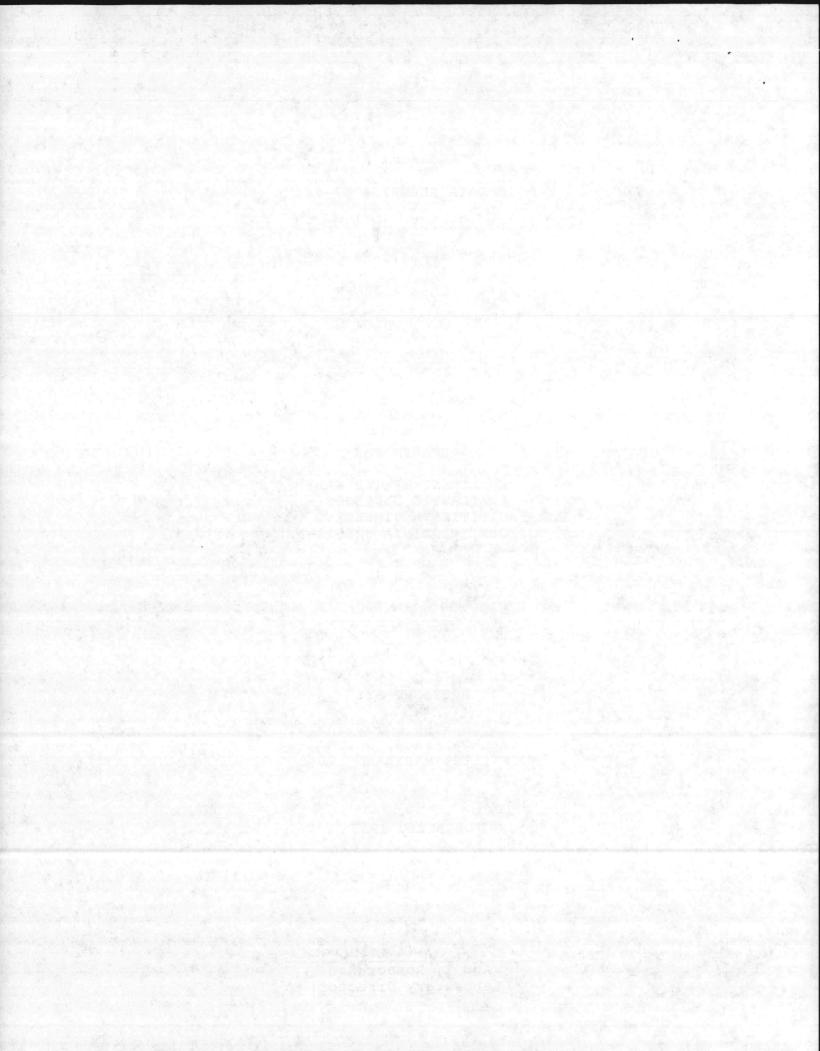
PREPARED FOR:

DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA 23511-6287

PREPARED BY:

JTC ENVIRONMENTAL CONSULTANTS, INC. 4 RESEARCH PLACE, SUITE L-10 ROCKVILLE, MARYLAND 20850

OCTOBER 26, 1987



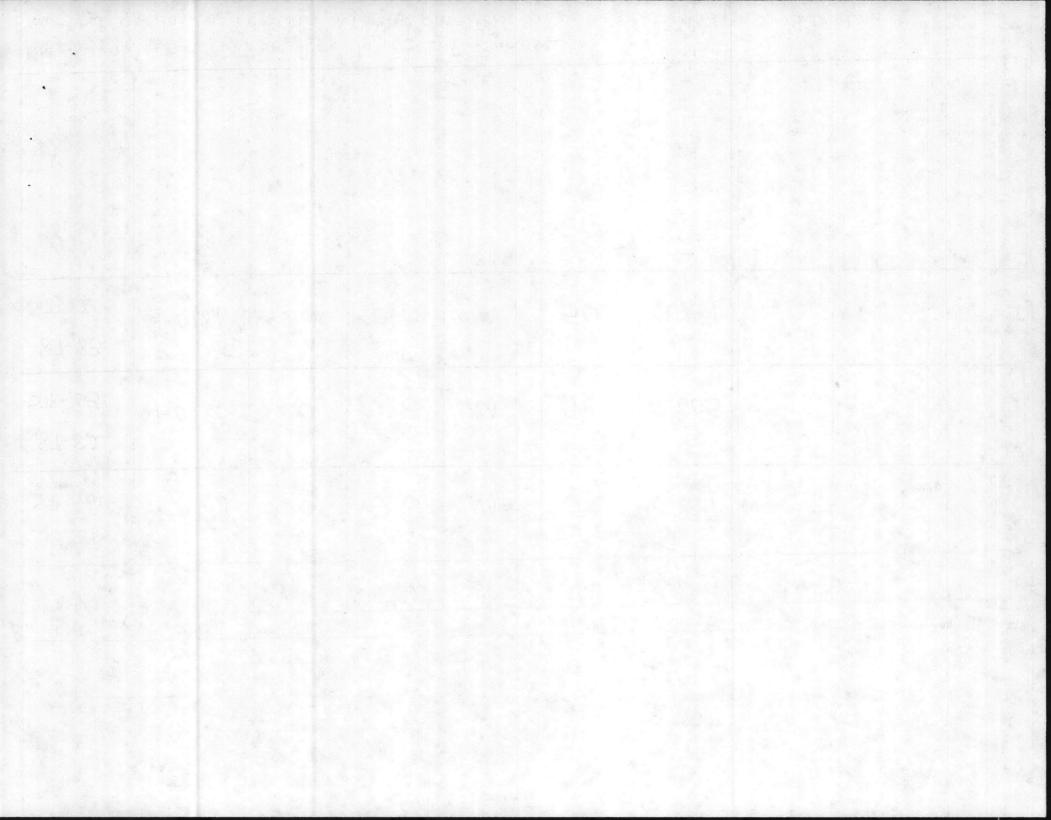
Date: 10-26-87 Case No. 136 Add A to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 87-441 Table 10/1

NAVY	JTC				ANALYSIS	PARAMETER		
SAMPLE'	SAMPLE	As mg/kg	Cd mg/kg	Cr	Pb: mg 1kg	Sp. Gravity		
87-81 511-64	61-0979	<20	<2.0	NA.	58	0.697		
87-82 511-65	61-0980	<20	<2.0	NA	54	0.605		
87-83 511-64	61-0981	<20	<2.0	NA	50	0.731		

Note: Analyses run on top layer of sample

NA = not available, results will be provided in a separate report addendum



Addendum B

JTC DATA REPORT # 87-441
LABORATORY ANALYSIS ON NAVAL SAMPLES
CONTRACT #N62470-86-C-8754

CASE # 136

COmplete

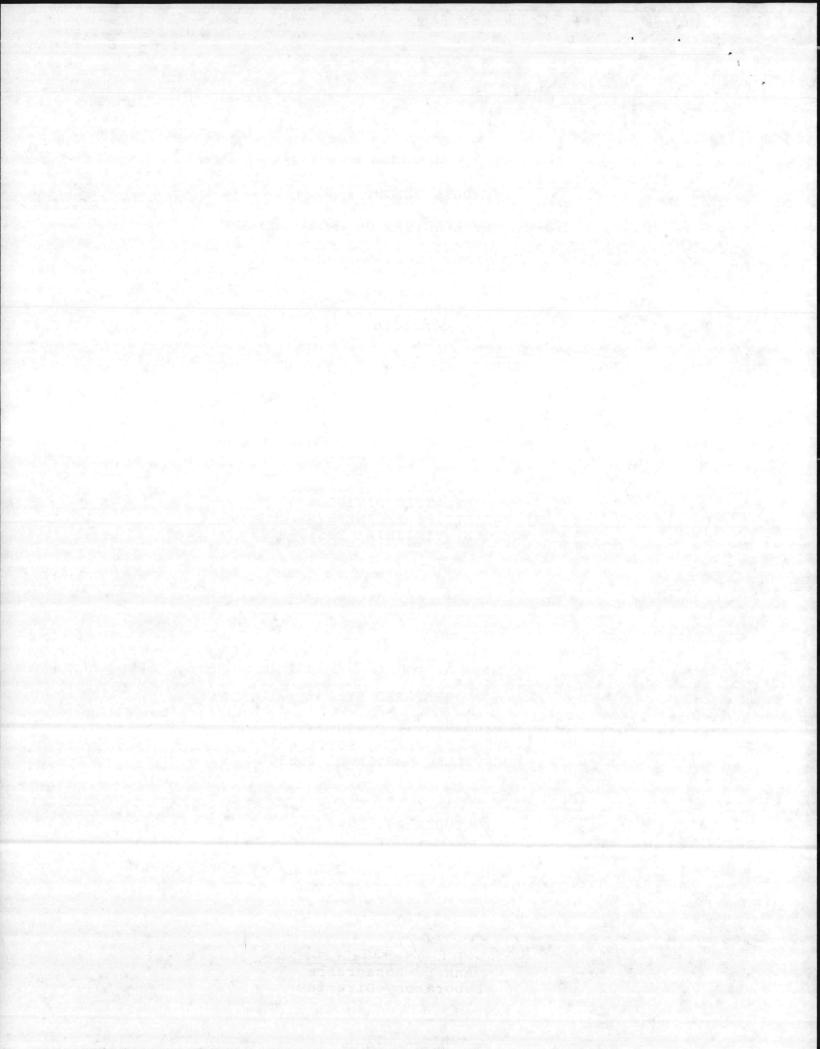
PREPARED FOR:

DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA 23511-6287

PREPARED BY:

JTC ENVIRONMENTAL CONSULTANTS, INC. 4 RESEARCH PLACE, SUITE L-10 ROCKVILLE, MARYLAND 20850

OCTOBER 29, 1987

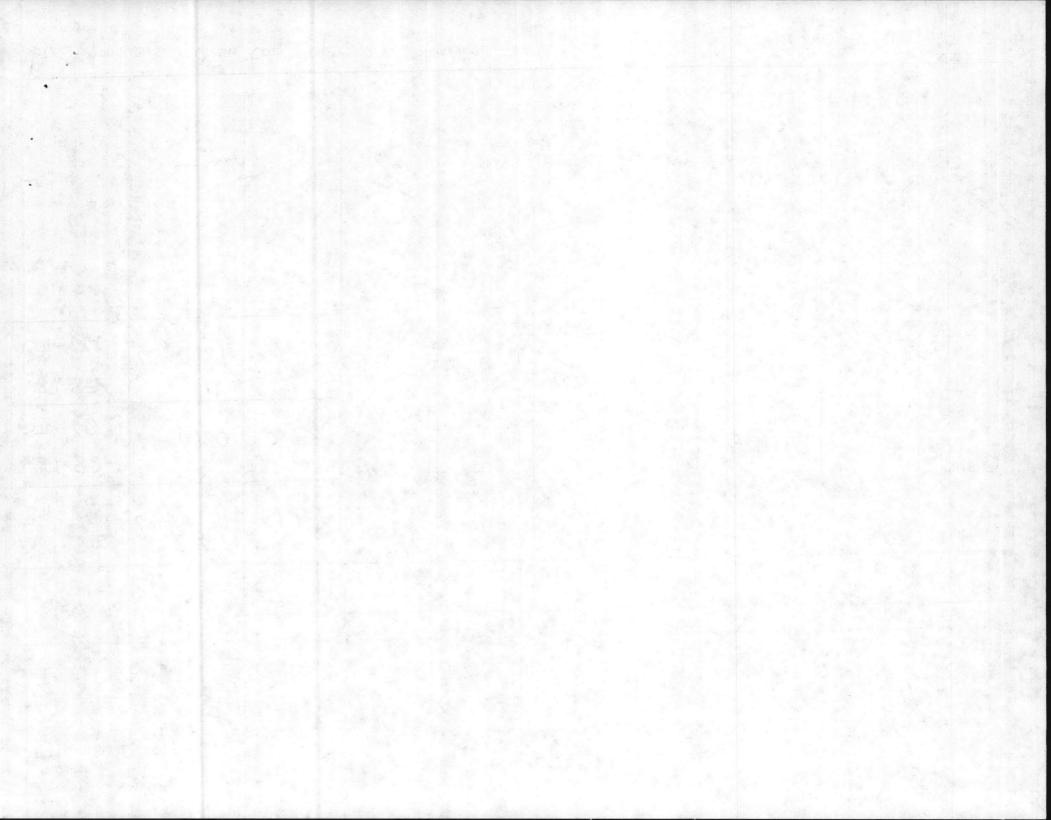


Date: 10-29-87: Case No. 136 Add. B to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 87-441 Table 141

NAVY	JTC			ANALYSIS	PARAMETER		
SAMPLE,	SAMPLE ID	Cr mg/kg					
87-81 Sπ-64	61-0979	<1.5	4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -				
87-82- Sπ-45	61-0980	2.3					
87-83 5π-66	61-0981	41.5					
						-	

Note: Analysis run on top layer of sample



Partial Results

JTC DATA REPORT # 87-444

LABORATORY ANALYSIS ON NAVAL SAMPLES

CONTRACT #N62470-86-C-8754

CASE # 138

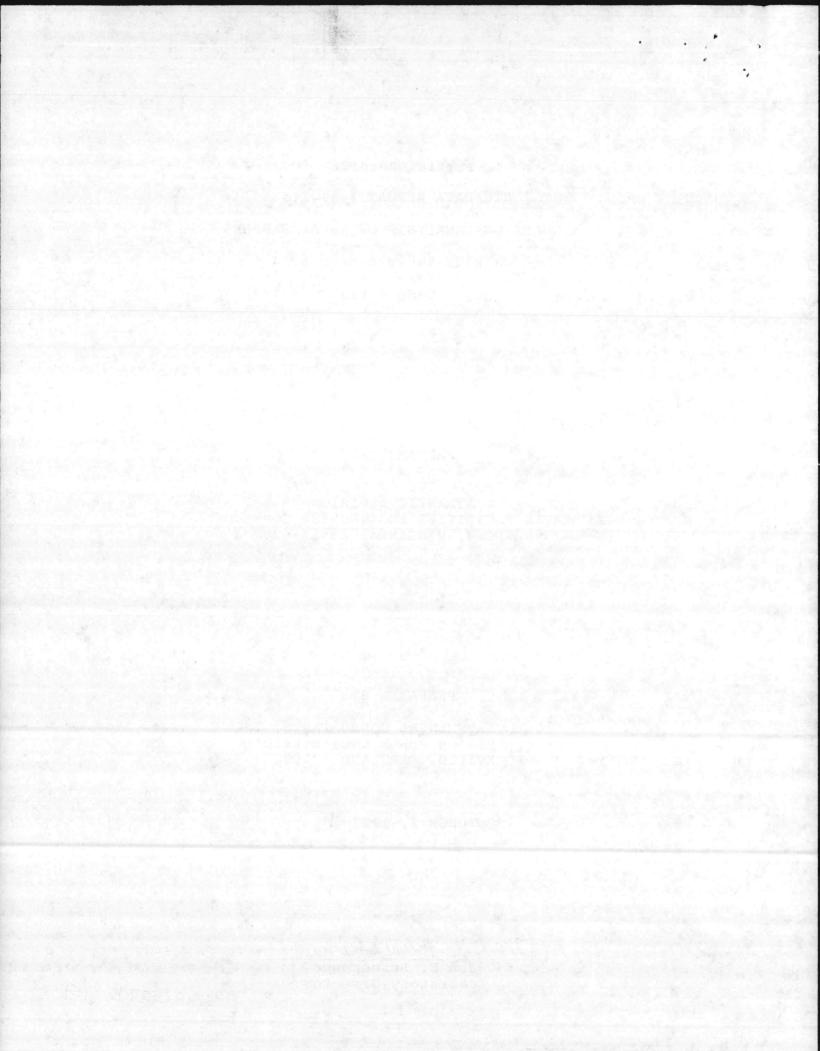
PREPARED FOR:

DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA 23511-6287

PREPARED BY:

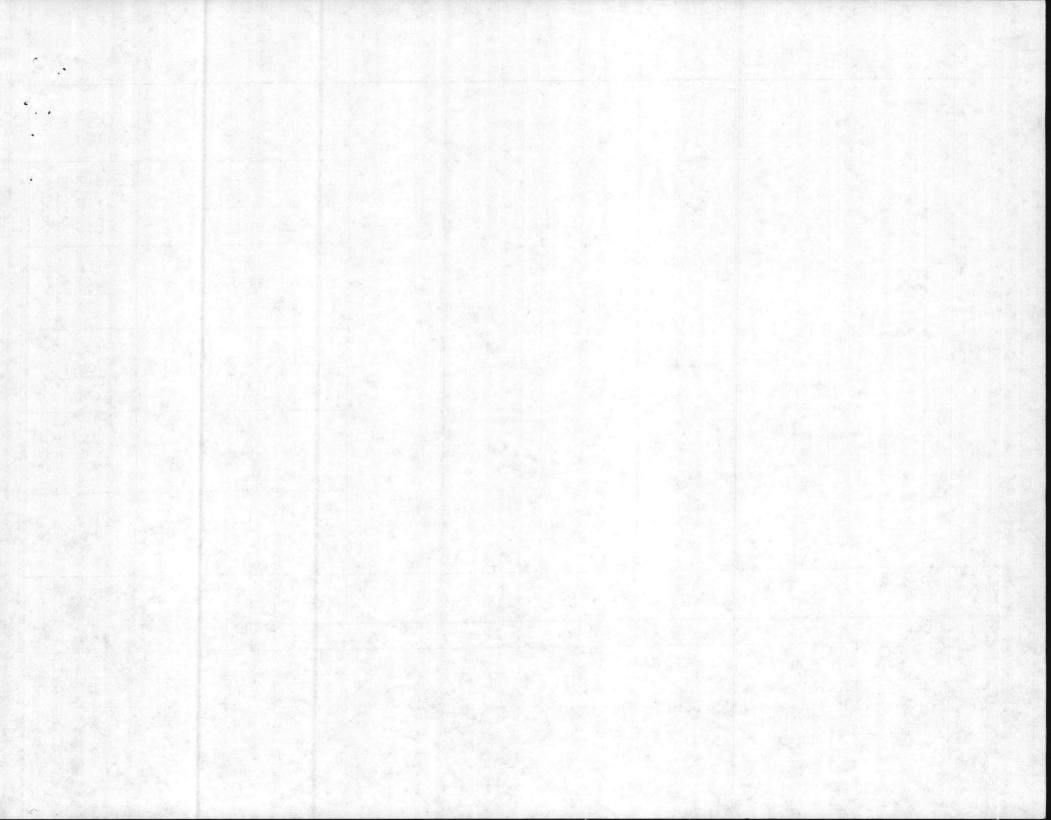
JTC ENVIRONMENTAL CONSULTANTS, INC. 4 RESEARCH PLACE, SUITE L-10 ROCKVILLE, MARYLAND 20850

OCTOBER 7, 1987



Location: Camp Lejeune	Date of Receipt: 9-23-87 Turnaround: 10 days
Date: 10-7-87. Case No. 138	to Naval Facilities Engineering Command, Norfolk, Virginia
JTC Data Report No. 87-444 Table	10/1

NAVY	JTC	1 2 3 30		ANALVETE	DADAMENES		
SAMPLE.	SAMPLE ID	VOA + Freon		ANALYSIS	PAKAMETER		
87-31	41-0986	see attached Sheet					
87-32	61-0987	и.					
87-33	61-0988	11					
87-34	61-0989	11			-		
87-79 oil layer · composite	61-0990	н					
.87-80	61-0991	h .					





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C Environmental Consultants, Inc.

PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 61-0990	COMPOSITE PROJECT NO. NF-61 #138	8
CLIENT SAMPLE 1 87-7	DATE RECEIVED 9-23-87	
METHOD NO 624	DETECTION LIMIT 250 mg/L	

PARAMETER	RESULT mg/L
acrolein	· ND
acrylonitrile	ND
benzene 2007	- 38
carbon tetrachloride	ND
chlorobenzene	ND
1,2-dichloroethane	ND
1,1,1-trichloroethane 100	XXX
1,1-dichloroethane	ND.
1,1,2-trichloroethane	ND
1,1,2,2-tetrachloroethane	ND
chloroethane	ND
2-chloroethylvinylether	KD
chloroform	ND
1,1-dichloroethylene	ND
1,2-trans-dichloroethylene	ND
ACETONE	1400
4-METHYL-2-PENTANONE (MIBK	330
2-HEXANONE	1100

PARAMETER	September 1	RESULT mq/L		
1,2-dichloropropane		ND		
1,3-dichloropropylene		ND		
ethyl benzene	720	NO-		
methylene chloride		ND		
methyl chloride	•	ND		
methyl bromide		ND		
bromo form		ND		
dichlorobromomethane		ND		
trichlorofluoromethane		ND		
dichlorodifluoromethan	e .	ND		
chlorodibromomethane		ND		
tetrachloroethylene		ND		
toluene	970	NB		
trichloroethylene .	50 X	- HD		
vinyl chloride		ND		
xylenes	1500	MD		
FREON		1600		

ND = NOT DETECTED

* = BELOW DETECTION LIMIT

State Committee and Committee

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C Environmental Consultants, Inc.

PRIORITY POLLUTANT ANALYSIS DATA SHEET

VOLATILE FRACTION

JTC SAMPLE # 61-0991		_ PROJECT NO. NF-61 #13	3						
CLIENT SAMPLE 1 87-80		DATE RECEIVED _ 9-23-87							
METHOD NO624			q/L						
PARAMETER	RESULT mg/L	PARAMETER	RESUL1						
acrolein	· ND	1,2-dichloropropane	ND						
acrylonitrile ,	ND	1,3-dichloropropylene	ND						
benzene 200 X	- JAK	ethylbenzene 460	3 -HB-						
carbon tetrachloride	ND	methylene chloride	ND						
chlorobenzene	ND	methyl chloride	ND						
1,2-dichloroethane	ND	methyl bromide	ND						
1,1,1-trichloroethane	ND	bromoform	ND						
1,1-dichloroethane	ND ND	dichlorobromomethane	ND						
1,1,2-trichloroethane	ND	trichlorofluoromethane	ND						
1,1,2,2-tetrachloroethane	ND ·	dichlorodifluoromethane	ND						
chloroethane	ND	chlorodibromomethane	ND						
2-chloroethylvinylether	KD	tetrachloroethylene	ND						
chloroform	ND	toluene 1300	ND						
1,1-dichloroethylene	ND	trichloroethylene	ND						
1,2-trans-dichloroethylene	ND	vinyl chloride	ND						
	2300	xylenes 2100	-AB-						
4-METHYL-2-PENTANONE (MIBK)	500	FREON	600						

ND = NOT DETECTED

* = BELOW DETECTION LIMIT

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Addendum

JTC DATA REPORT # 87-444

LABORATORY ANALYSIS ON NAVAL SAMPLES

CONTRACT #N62470-86-C-8754

CASE # 138

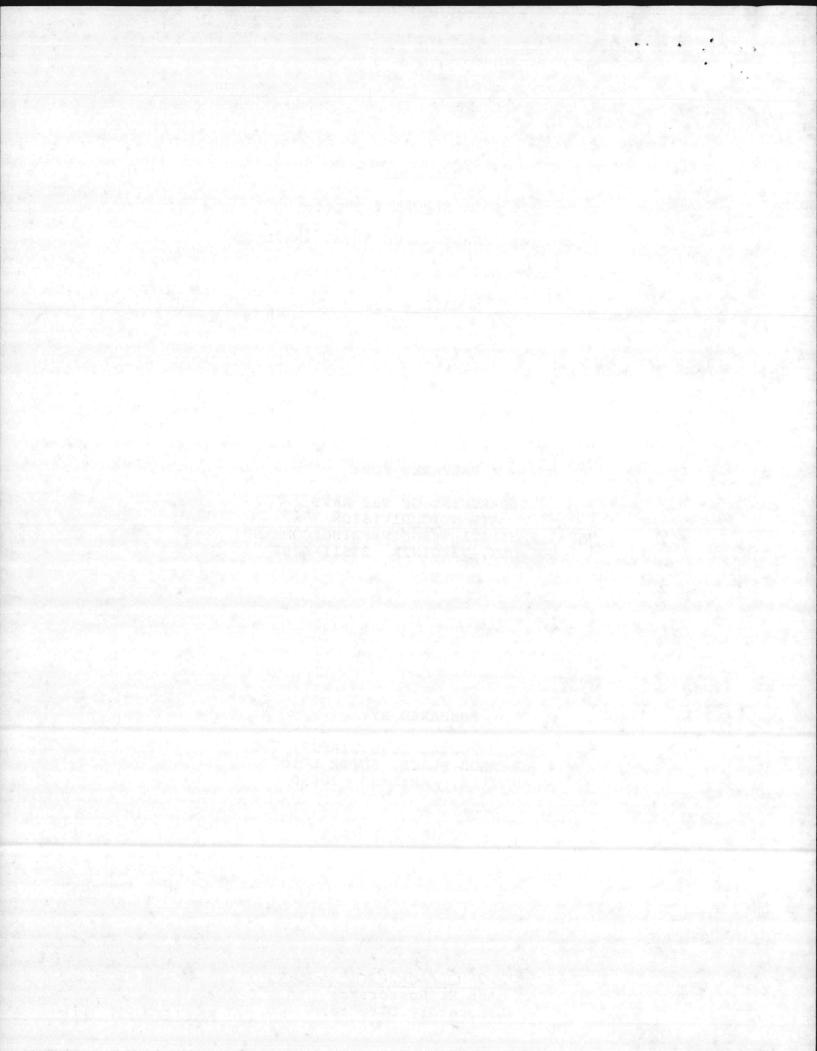
PREPARED FOR:

DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA 23511-6287

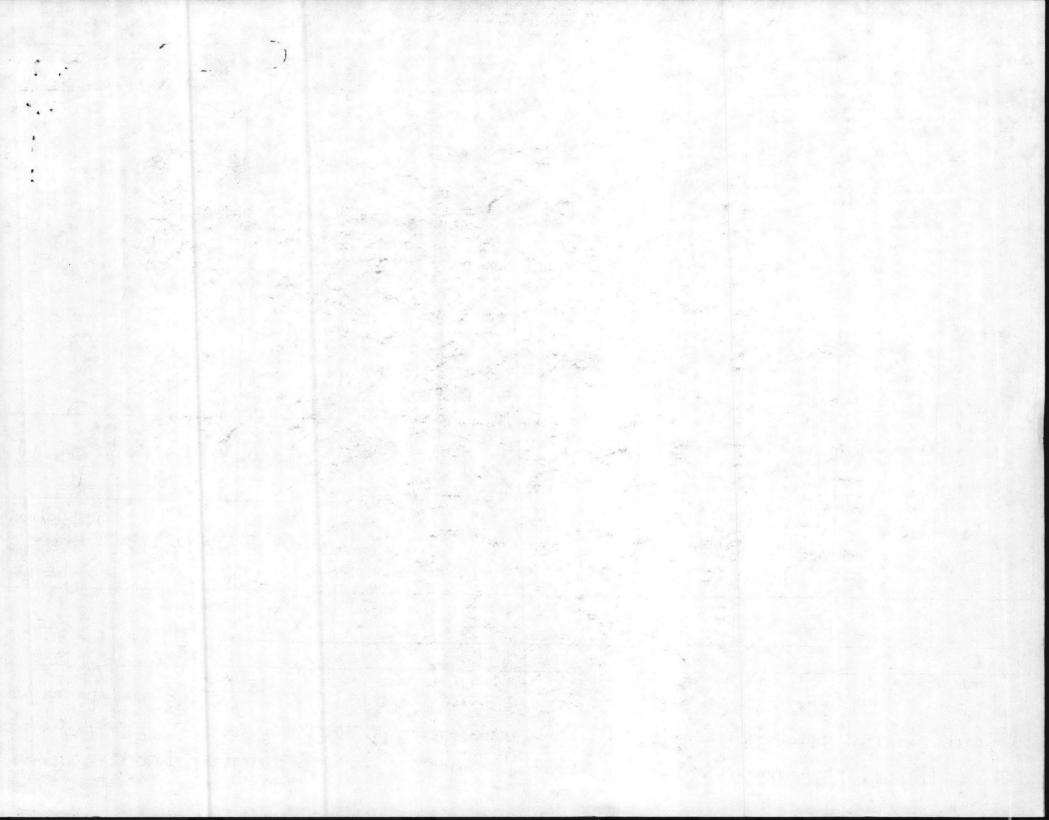
PREPARED BY:

JTC ENVIRONMENTAL CONSULTANTS, INC. 4 RESEARCH PLACE, SUITE L-10 ROCKVILLE, MARYLAND 20850

OCTOBER 12, 1987



Location:	Camp Leje 87 cas	eune_		Date of Rec	ceipt: 9-6	23-87 TI	ırnaround:	15 day	5
Date: 10-12-	.87 Cas	se No. 13	8 Add	to Naval 1	Facilities	Engineering	g Command,	Norfolk,	Virginia
JTC Data Rep	oort No. 87	1-444	_ Table	10/1					
NAVY	JTC				ANALYSIS P	ARAMETER			
SAMPLE I D	SAMPLE ID	TOX %							
87-79 oil layer composite	61-0990	0.09							
37-80	61-0991	0.15							
					1				



UM 20 AA 295 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 85 SUPPLEMENTARY UNIT OF FUND DISTRI-BUTION REQ'D UNIT PRICE DEL DATE FROM ADD DOLLARS CTS 0004 NA CL 22200M 931827307 **B7J** SHIPPED FROM SHIP TO MARK FOR TOTAL PRICE PROJECT DRMO, MCB Natural Resources & Environ-DOLLARS mental Affairs Div. MCB. CLNC HW Camp Lejeune, NC WAREHOUSE LOCATION UNIT UNIT WEIGHT UFC NMFC FREIGHT RATE DOCUMENT MAT. QUANTITY DATE Q SUBSTITUTE DATA (ITEM ORIGINALLY REQUEST'D) FREIGHT CLASSIFICATION NOMENCLATURE U WASTE OIL ITEM NOMENCLATURE WASTE OIL CONTENTS OF TANK #AS 419 SELECTED BY AND DATE TYPE OF CONTAINER(S) INSPECTED BY AND DATE TOTAL WEIGHT RECEIVED BY AND DATE PU PACKED BY AND DATE NO. OF CONTAINER(S) TOTAL CUBE WAREHOUSED BY AND DATE WAREHOUSE LOCATION 100 * REMARKS. This is to certify that the above materials are properly classified, described, packaged, marked and labeled and are in proper condition FIRST DESTINATION ADDRESS DATE SHIPPED for transportation according to the applicable regulations of DOT and EPA. 13 TRANSPORTATION CHARGEABLE TO 15 RECEIVER'S DOCUMENT NUMBER 14 B/LADING, AWB, OR RECEIVER'S SIGNATURE (AND DATE)

DD FORM 1348-1

EDITION OF 1 JAN 64 MAY BE USED UNTIL EXHAUSTED

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

J. I. WOOTEN

1 MAR 74

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