

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

6 Nov 87

Date

From: Director

To: Dan

Subj: MCRAS NRE Analysis Request

Yours for action:

JLW

Betz: Please have samples
collected as required and
mailed NLT 20 NOV 87

DDJ

U

11
UNITED STATES MARINE CORPS
Marine Corps Base
Camp Lejeune, North Carolina 28542-5001

6280
FAC
NOV 05 1987

FIRST ENDORSEMENT on Dir NREAD ltr 6280 NREAD dtd 30 Oct 87

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

To: Director, Natural Resources and Environmental Affairs
Division

Subj: MCAS NEW RIVER REQUEST FOR ANALYSIS

1. Returned for continuing action. Request you provide total
cost data to this office when known.


B. W. ELSTON
By direction

11

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UNITED STATES MARINE CORPS
NATURAL RESOURCES AND ENVIRONMENTAL AFFAIRS DIVISION
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542-5001

IN REPLY REFER TO:

6280
NREAD
30 Oct 87

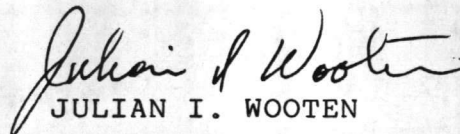
From: Director, Natural Resources and Environmental Affairs
Division, Marine Corps Base, Camp Lejeune
To: Assistant Chief of Staff, Facilities, Marine Corps Base,
Camp Lejeune

Subj: MCAS NEW RIVER REQUEST FOR ANALYSIS

Ref: (a) Mtg btwn AC/S FAC and Dir, NREAD on 28 Oct 87

Encl: (1) CO MCAS NR memo 6280 GSO of 23 Oct 87

1. In accordance with the reference, the enclosure is provided for funding guidance.
2. Air Station personnel have advised the dumping apparently was by military personnel. The manhole was a concrete structure removed from the ground and left by the contractor. The dumping apparently occurred later. Air Station personnel are continuing to look into the matter.
3. NREAD is planning to go ahead with sampling but will not address funding source until guidance is received from the Assistant Chief of Staff, Facilities.


JULIAN I. WOOTEN

IN RE: THE ESTATE OF [Name], Deceased
[Name], Plaintiff
vs.
[Name], Defendant

Case No. [Number]
Filed for [Date]

[Faint text, likely a declaration or affidavit]

[Faint signature or name]

[Faint text, likely a declaration or affidavit]

[Faint signature or name]



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

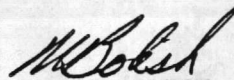
IN REPLY REFER TO:
6280
GSO

23 October 1987

From: Commanding Officer, Marine Corps Air Station, New River
To: Commanding General, Marine Corps Base, Camp Lejeune, North Carolina 28542
(Attn: Director, Natural Resources & Environmental Affairs)

Subj: REQUEST FOR ANALYSIS

1. It is requested that samples be taken and analysis provided for the following containers:
 - a. One 55-gallon drum located at Naval Air Maintenance Training Detachment 1047, building AS-222. It is believed to contain epoxy primers, methyl ethyl ketone, methyl isobutyl ketone, toluene, freon, and other petroleums, oils and lubricants (POL's).
 - b. Thirteen 55-gallon drums located adjacent to the aircraft washrack, AS-505. These drums are filled with a mixture of rainwater, POL's, and fluorescent penetrant that was pumped out of a manhole abandoned by a contractor. A composite sample can be made from all drums. A work request has been submitted to remove the emptied manhole.
2. Point of contact at this Command is Mary Wheat, extensions 6506 or 6518.


M. W. BOLISH
By direction

ENCLOSURE ()



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

HW

IN REPLY REFER TO:
6241/1
NREAD
20 Aug 87

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

Subj: HAZARDOUS WASTE DRUMS AT AMTRAC BATTALION

Encl: (1) JTC Environmental Consultants Report #87-259 dtd
9 Jul 87

1. The enclosure identifies three drums, labelled 87-40, 87-42, and 87-43, as an ignitable waste, D001, located at the 2nd Assault Amphibian Battalion. The drums have been inspected by Natural Resources and Environmental Affairs Division personnel, and have the hazardous waste labels and the sample numbers on them. The 2nd Assault Amphibian Battalion HMDO is preparing necessary turn-in documents.

2. Sample number 87-48 is an analysis of one of five barrels located at 2nd AAV Battalion that has been turned into DRMO. The analysis agrees with the D001 designation given by the HMDO.

3. It is imperative that these barrels be transported to the DRMO hazardous waste storage facility as soon as possible. The point of contact on this matter is Danny Sharpe, at extension 2083.

D. D. SHARPE
By direction

Copy to:
AAV BN (HMDO)
Div Engrs, 2d MarD, (HMDC)

Blind copy to:
EC&MS (2)



STATE OF

MISSISSIPPI

DEPARTMENT OF REVENUE

SALES TAX RECEIPT

NO. 1

DATE

AMOUNT

TAX

TOTAL

REMARKS

SIGNATURE

OFFICIAL

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ADDRESS



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

IN REPLY REFER TO:

6241/1
NREAD
20 Aug 87

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

Subj: HAZARDOUS WASTE DRUMS AT AMTRAC BATTALION

Encl: (1) JTC Environmental Consultants Report #87-259 dtd
9 Jul 87

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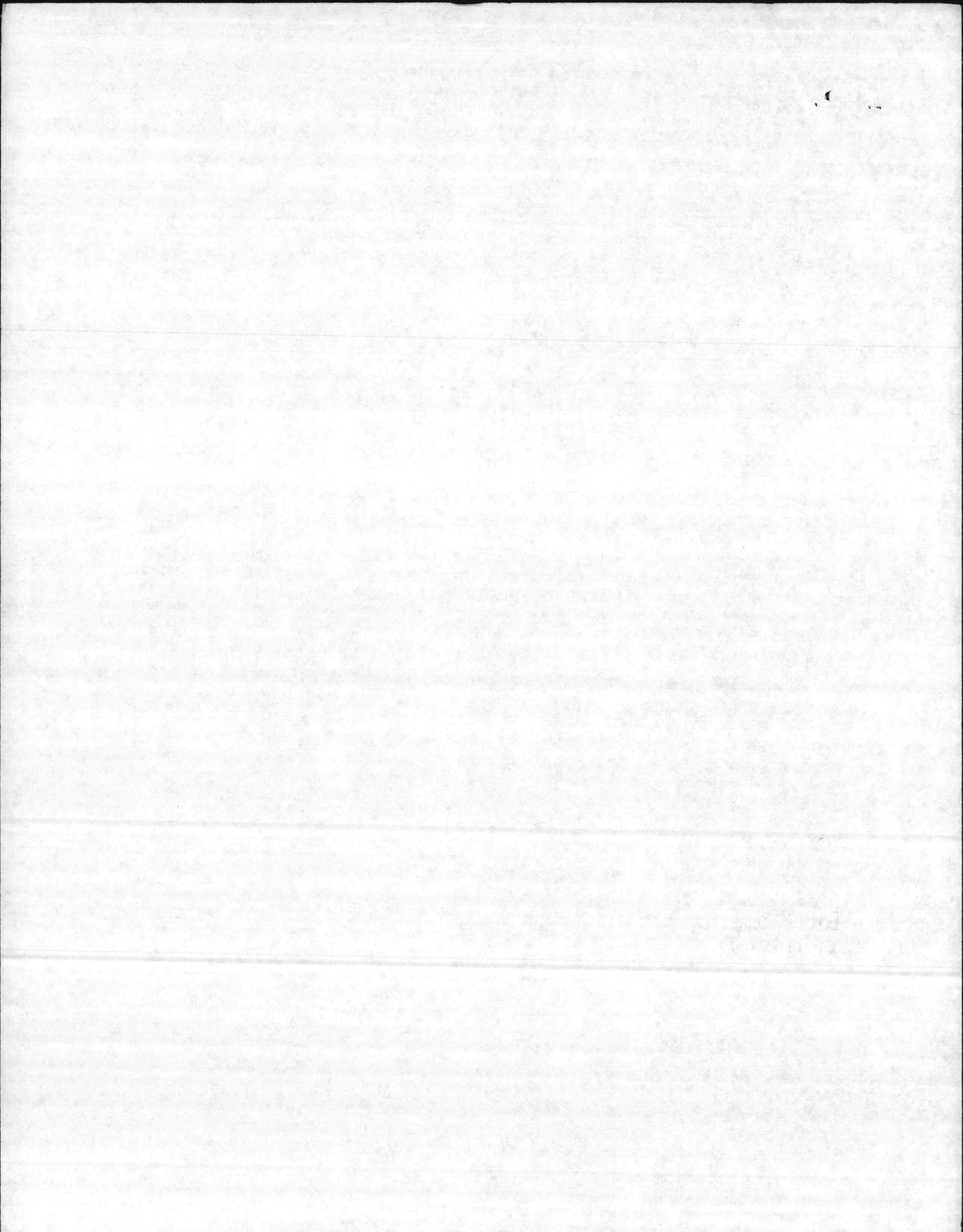
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D. D. SHARPE
By direction

Copy to:
AAV BN (HMDO)
Div Engrs, 2d MarD, (HMDC)

Blind copy to:
EC&MS (2)





20 JUL 1987

11 ENCLOSURE

JTC DATA REPORT # 87-259
LABORATORY ANALYSIS ON NAVAL SAMPLES
CONTRACT #N62470-86-C-8754
CASE # 47

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

JULY 9, 1987

Ann E Rosecrance
Ann E. Rosecrance
Laboratory Director

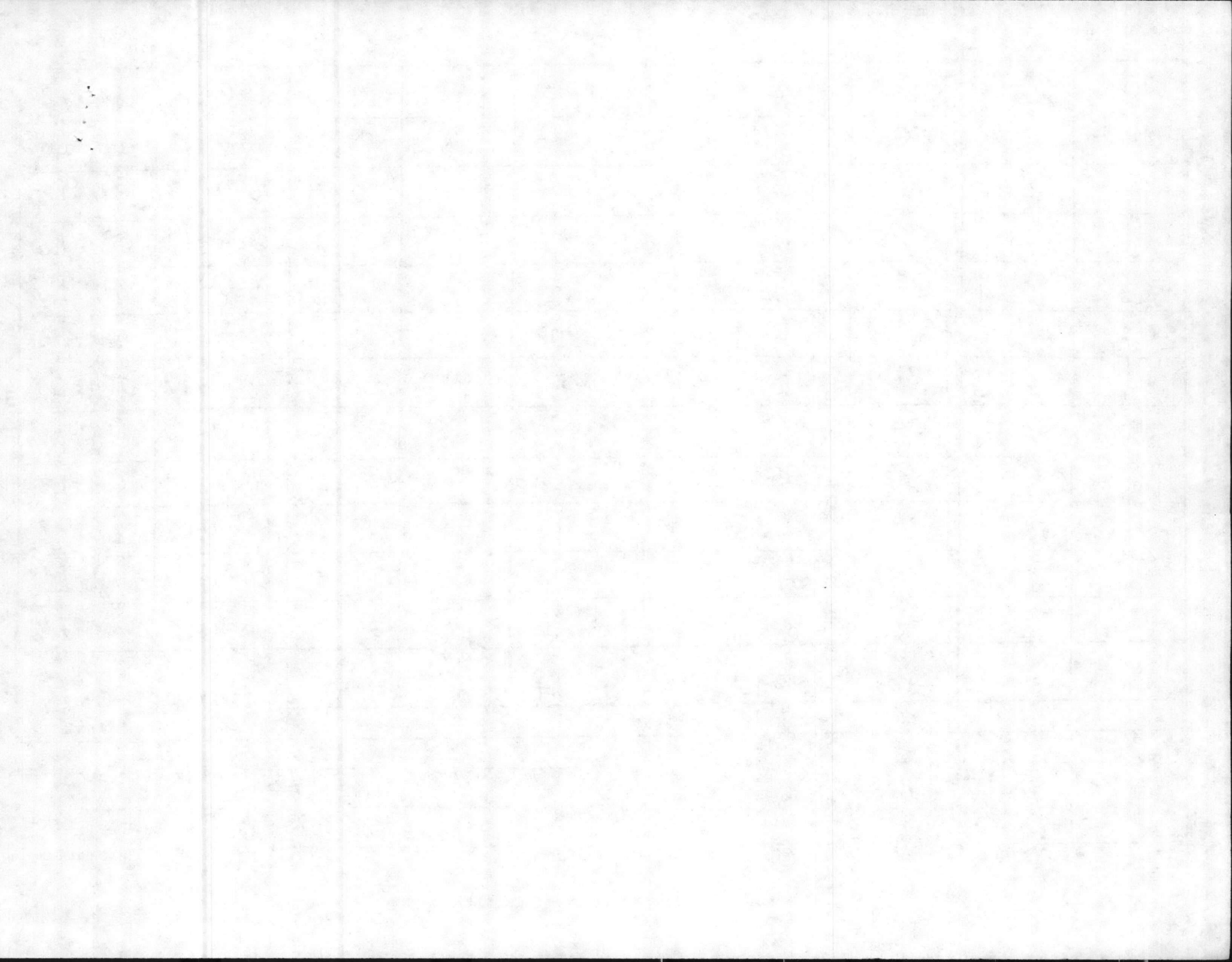
JTC Environmental Consultants, Inc.

Location: Camp Lejeune Date of Receipt: 6-8-87 Turnaround: routine
 Date: 7-9-87 Case No. 47 to Naval Facilities Engineering Command, Norfolk, Virginia
 JTC Data Report No. 87-259 Table 1

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER					
		Corrosivity pH	Reactivity		TOX %	Flashpoint °C	PCB ug/L
			Cyanide ug/g	Sulfide ug/g			
87-37	61-0387	5	*	*	*	N.O. boiled at 85°	<50
87-38	61-0388	7	*	*	*	N.O. boiled at 85°	<50
87-39	61-0389	7	*	*	*	N.O. boiled at 80°	<50
87-40	61-0390	7	<10	<10	<0.05	45	<5 ^{ug} / _g
87-41	61-0391	7	*	*	*	N.O. boiled at 80°	<50
87-42	61-0392	7	<10	<10	<0.05	30	<5 ^{ug} / _g
87-43	61-0393	7	<10	<10	<0.05	55	<5 ^{ug} / _g
87-44	61-0394	5	*	*	*	N.O. boiled at 60°	<50
87-45	61-0395	6	*	*	*	N.O. boiled at 85°	<50
87-46	61-0396	6	*	*	*	N.O. boiled at 80°	<50
87-47	61-0397	6	*	*	*	N.O. boiled at 75°	<50
87-48	61-0398	7	<10	<10	<0.05	30	<5 ^{ug} / _g

N.O. = not observed

* sample depleted unable to do analysis



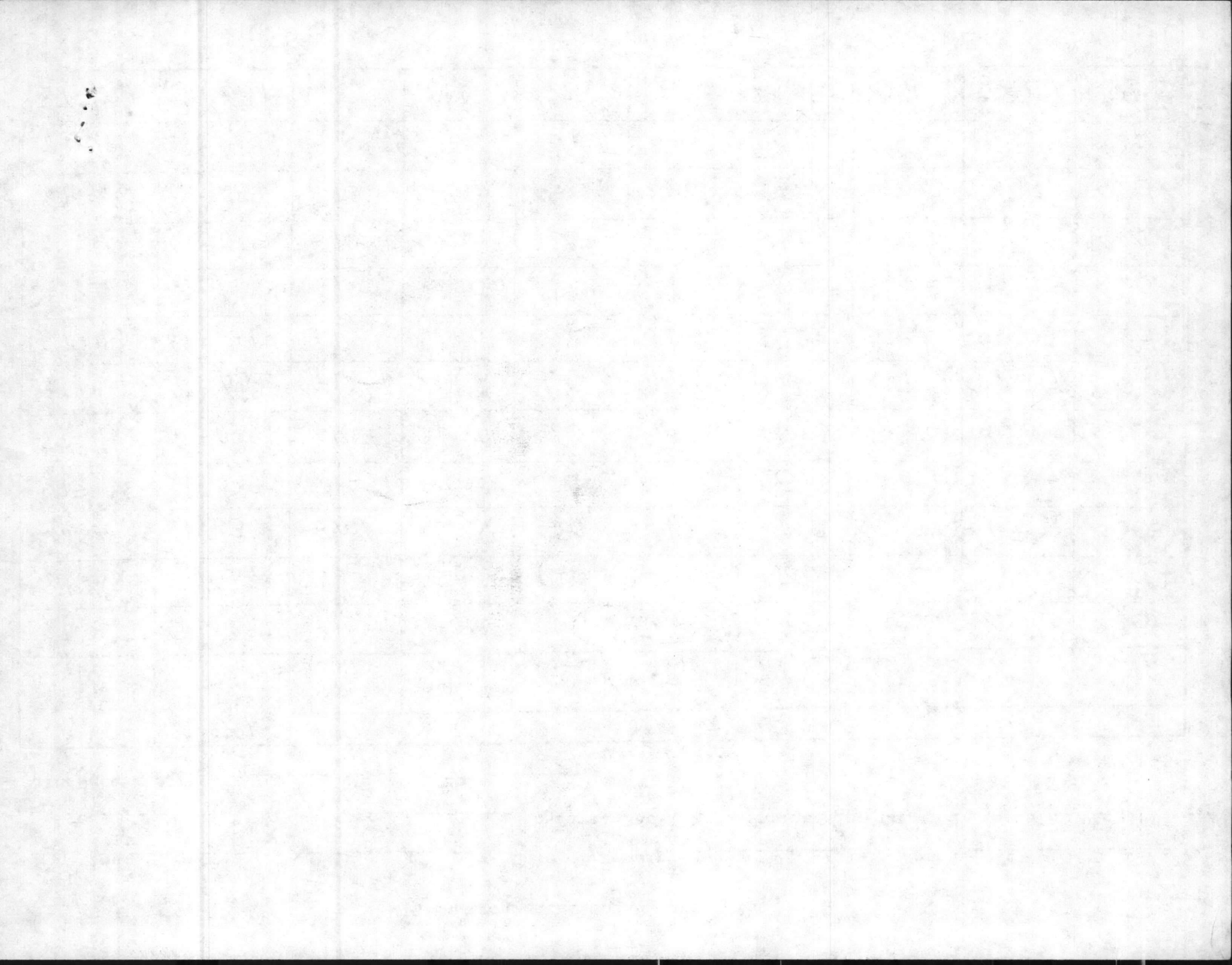
JTC Environmental Consultants, Inc.

Location: Camp Lejeune Date of Receipt: 6-8-87 Turnaround: routine

Date: 7-9-87 Case No. 47 to Naval Facilities Engineering Command, Norfolk, Virginia

JTC Data Report No. 87-259 Table 2

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
87-37	61-0387	<10	<200	<20	<15	<100	<0.2	<5	<20
87-38	61-0388	12	<200	<20	<15	<100	<0.2	<5	<20
87-39	61-0389	<10	<200	<20	<15	<100	<0.2	<5	<20
87-40	61-0390	<0.5 mg/kg	<10 mg/kg	<1.0 mg/kg	0.85 mg/kg	<5 mg/kg	<0.1 mg/kg	<0.25 mg/kg	<1.0 mg/kg
87-41	61-0391	<10	2,677	<20	19	<100	<0.2	<5	<20
87-42	61-0392	<0.5 mg/kg	214 mg/kg	<1.0 mg/kg	<0.75 mg/kg	16.1 mg/kg	<0.1 mg/kg	<0.25 mg/kg	1.0 mg/kg
87-43	61-0393	<10	<200	<20	16	<100	<0.2	<5	<20
87-44	61-0394	<10	<200	<20	<15	<100	<0.2	<5	<20
87-45	61-0395	<10	<200	23	<15	<100	<0.2	<5	<20
87-46	61-0396	<10	<200	<20	<15	<100	<0.2	<5	<20
87-47	61-0397	<10	208	<20	<15	<100	<0.2	<5	<20
87-48	61-0398	<0.5 mg/kg	141 mg/kg	<20 mg/kg	<0.75 mg/kg	20.5 mg/kg	<0.1 mg/kg	<0.25 mg/kg	<1.0 mg/kg



DRUM	PH	mg/kg		% TOX	FLASH POINT	ug/L PCB	METALS
		CYANIDE	SULFIDE				
87-37	CLEAR	5	<10	<10	<0.05	N.O.	<50 ND
87-38	CLEAR	7	<10	<10	<0.05	NO.	<50 ND
87-39	CLEAR	7	<10	<10	<0.05	NO.	<50 ND
87-40	DISPOSED AS A D001						
87-41	CLEAR	7	<10	<10	<0.05	N.O.	<50 Ba 2mg/L Cr ND 0.019
87-42	DISPOSED AS A D001						
87-43	DISPOSED AS A D001						
87-44	CLEAR	5	<10	<10	<0.05	86°F 30°C NO.	<50 mg/L ND Cd 0.023
87-45	CLEAR	6	<10	<10	<0.05	NO	<50 ND
87-46	ORANGE	6	<10	<10	<0.05	NO	<50 ND
87-47	CLEAR	6	<10	<10	<0.05	NO	<50 Ba .208 mg/L

WATER ?

NOT CORROSIVE, FLAMMABLE, REACTIVE OR E.P. TOX FOR METALS

METAL LIMITS

As 5

Ba 100

Cd 1

Cr 5.0

Pb 5.0

Hg 0.2

Se 1.0

Ag 5.0

I have been thinking about you a lot lately.
 How are you doing? I hope you are
 well and happy. Life has been busy here,
 but I still find time to think about my
 friends. Please write back when you have
 a chance. I would love to hear from you.
 Love,
 [Name]

1/1/19

NOT COPIED IN FOLDER

1/1/19
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6241/2
NREAD

From: Director, Natural Resources and Environmental Affairs
Division, Marine Corps Base, Camp Lejeune
To: Base Maintenance Division, Marine Corps Base, Camp Lejeune,
(Attn: Util Dir)

Subj: HAZARDOUS WASTE DETERMINATION ON DRUM AT BUILDING 1700

Encl: (1) JTC Environmental Consultants, Inc., Report No. 539,
Table 3
(2) JTC Environmental Consultants, Inc., Report No. 539,
Addendum Tables 3 & 6

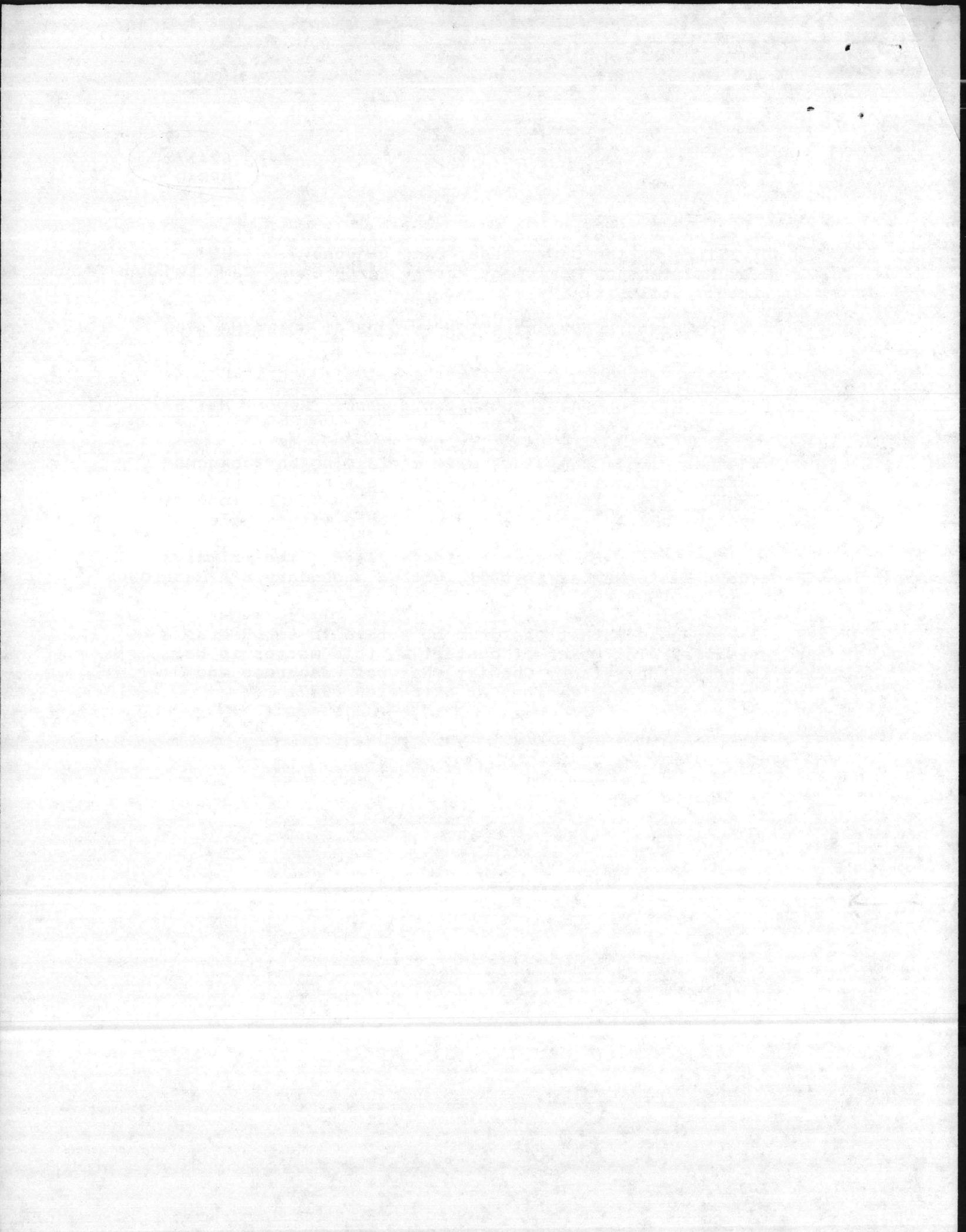
1. On 7 January 1987, the black drum containing an "unknown" substance at Building 1700 was sampled by Natural Resources and Environmental Affairs Division personnel. The enclosures contain the analysis of the black drum marked with sample number 87-20. The analysis indicated that the contents of the drum are an ignitable waste and test toxic for lead. The primary EPA Hazardous Waste Number is D001, with a secondary EPA Hazardous Waste Number of D008.

2. It is recommended that the drum be turned in to DRMO as a hazardous waste. The point of contact on this matter is Ms. Elizabeth Betz, Supervisory Chemist, Natural Resources and Environmental Affairs Division, at extension 5977.

J. I. WOOTEN

Copy to:
Base HMDC
DRMO

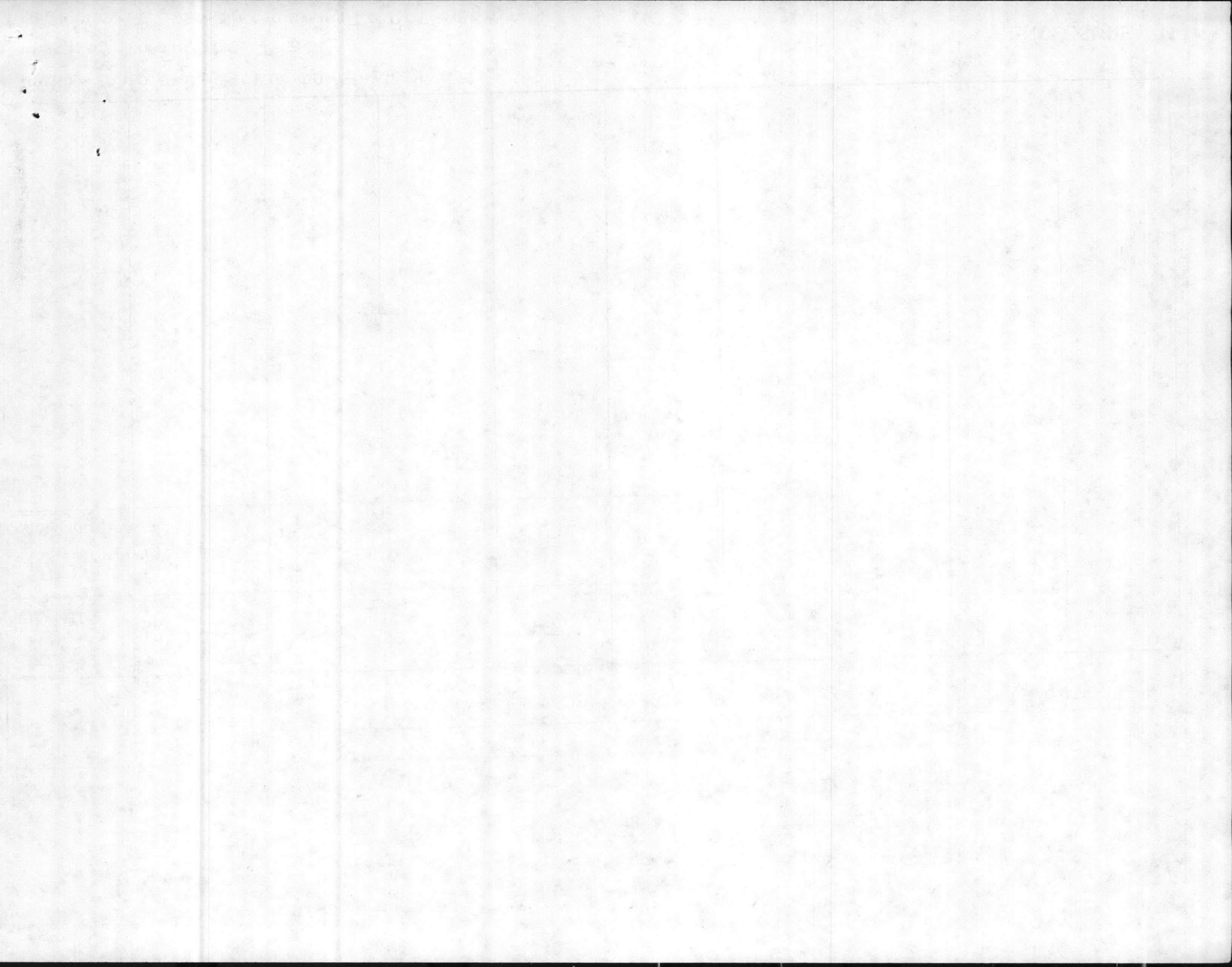
Blind copy to:
→ EC&MS (2)



Location: Camp Lejeune Date of Receipt: 2-26-87 Turnaround: routine
 Date: 4-22-87 Report No. 539 to Naval Facilities Engineering Command, Norfolk, Virginia
 JTC Data Report No. 87-132 Table 3

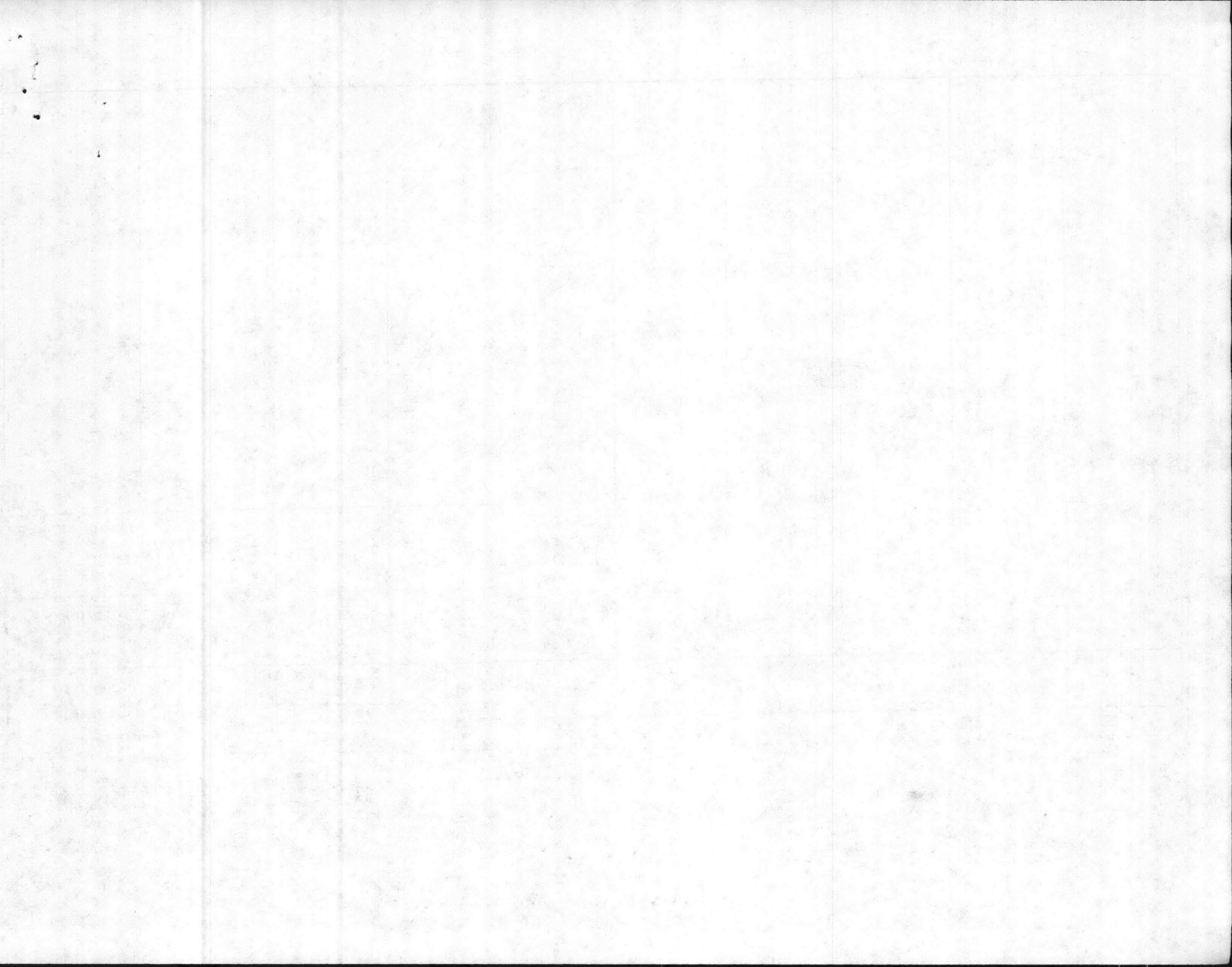
NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER					
		TOX ppm	Corrosivity pH	Flashpoint [†] °C	PCB ug/g		
87-20 top layer	12-4453	100	*	40	<5		
87-20 bottom layer	12-4453	<500	*	35	**		

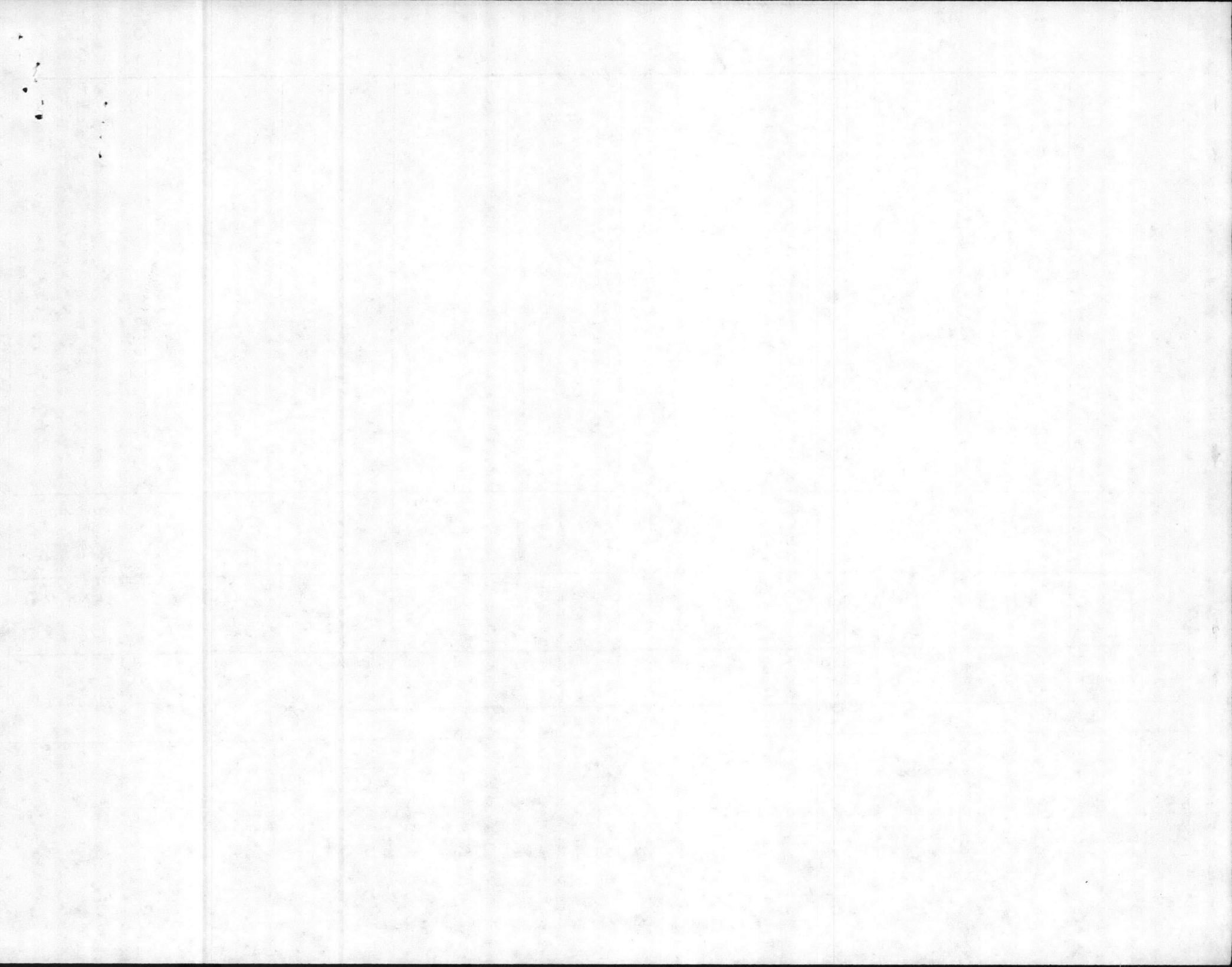
* unable to do analysis due to sample matrix
 † level of confidence ± 5°C
 ** insufficient sample volume to do analysis



Location: Camp Lejeune Date of Receipt: 2-26-87 Turnaround: routine
 Date: 6-17-87 Report No. 539 Add to Naval Facilities Engineering Command, Norfolk, Virginia
 JTC Data Report No. 87-132 Table 3

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER					
		Reactivity					
		Cyanide ug/g	Sulfide ug/g				
87-20 top layer	12-4453	<10	<10				
87-20 bottom layer	12-4453	<10	<10				





87-20

		TOP LAYER	BOTTOM LAYER	
CORROSIVE (PH)		NR	NR	
IGNITIBAE (
FLASH POINT \leq 140°F or 60°C		40	35	D001
REACTIVITY	CYANIDE	<10	<10	
ug/g	SULFIDE	<10	<10	
TOXICITY	As	<10	<10	
	Ba	<10	<10	
mg/kg	Cd	<1	<1	
	Cr	<0.75	<0.75	
	Pb	14.3	<5	D008
	Hg	<0.1	3.3ug/L	
	Se	<10	<10	
	Ag	<1	<1	
TOX		100	<500	
PPM				
PCB ug/g		<5	NA	

NR = NO RESULTS, UNABLE TO DO ANALYSIS DUE TO SAMPLE MATRIX

NA = NOT APPLICABLE, WATER LAYER.

NA = NOT APPLICABLE, WATER SAMPLE
 NR = NO RESULTS, UNABLE TO DO ANALYSIS DUE TO SAMPLE MATRIX

PCE mg/L

<2

NA

ppm

TOX

100

<200

A₂

<1

<1

Zn

<10

<10

H₂

<0.1

2.3 mg/L

Pb

14.3

<2

D008

Cr

<0.25

<0.25

mg/kg

Cd

<1

<1

Pb

<10

<10

Toxicity

A₂

<10

<10

mg/L

Chloride

<10

<10

Reactivity

Change

<10

<10

or not

Flash Point in H₂O

<40

<32

Ignitable

(Corrosive (pH)

NR

NR

TOP LAYER

BOTTOM LAYER

81-20

D001

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

contents are

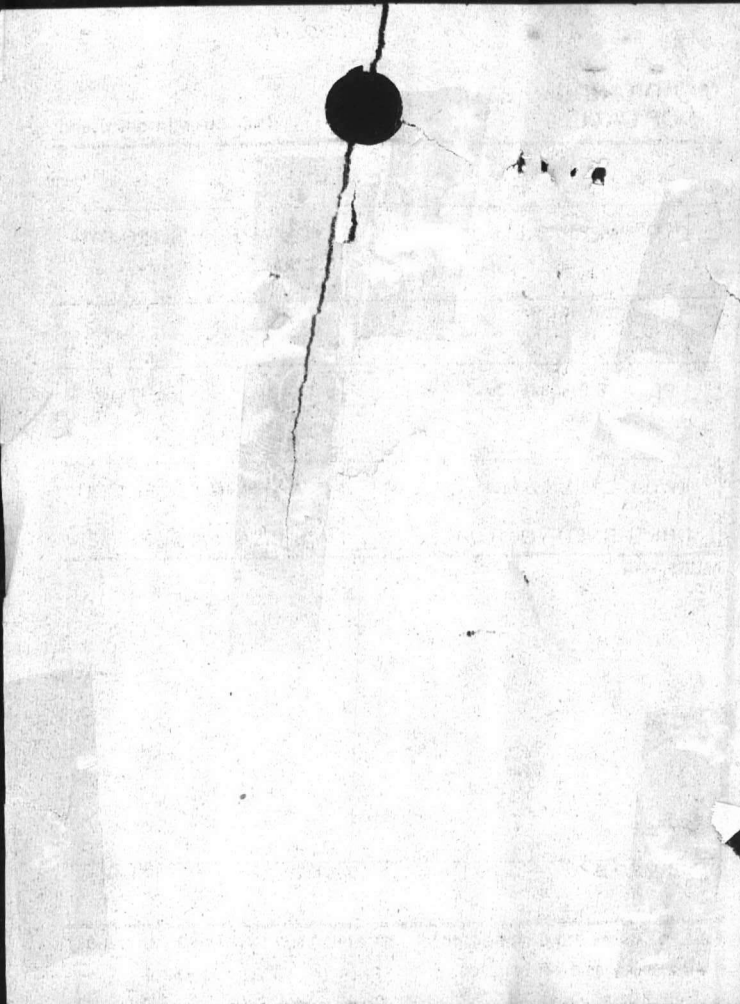
Solvent not a waste oil

Waste, solvent

RECEIVED BY

DATE

TIME





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

Betz your
Action
DDS

IN REPLY REFER TO

6280

GSO

4 SEP 1987

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

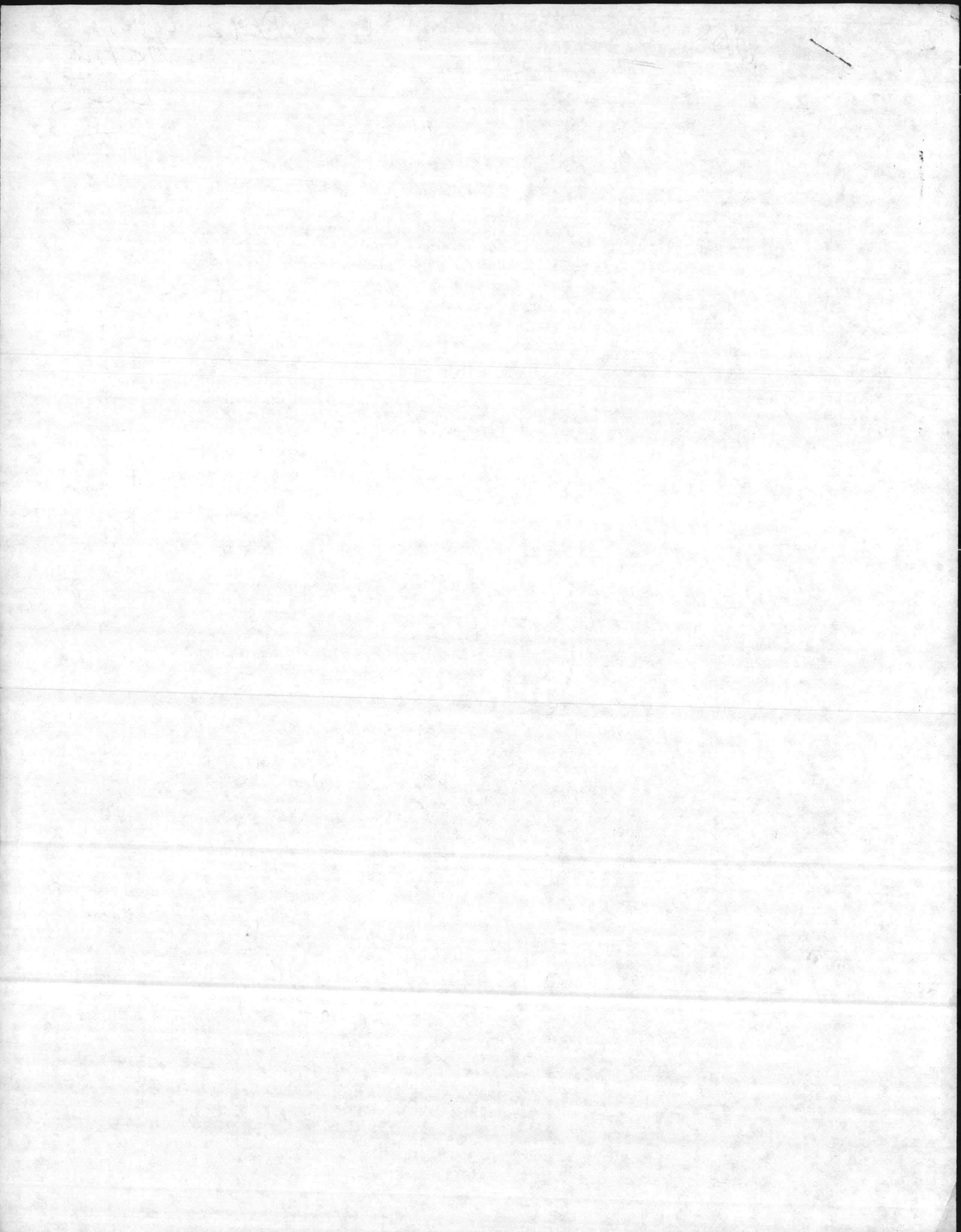
Subj: SAMPLING RESULTS

Ref: (a) CO, MCAS, NR ltr 6280 GSO of 17 Oct 86

1. The reference requested that samples be taken of 18 containers of unknown substances and that they be processed for identification of hazardous materials. Those samples were drawn by your staff chemists during early December 1986.

2. It is requested that this Command be officially advised of the status of the samples so that disposal action may be initiated to comply with time limitations. Point of contact is Mary Wheat, extensions 6506/6686.


E. D. WADDELL



T-624/1

DATE: 30 MARCH 1987

FROM: SUPERVISORY CHEMIST, EC+M SECTION, ENVIRONMENTAL BRANCH, NREAD

TO: SUPERVISORY ECOLOGIST, ENVIRONMENTAL BRANCH, NREAD

SUBJ: SOIL SAMPLE FROM BATTERY STORAGE AT BLDG 902

ENCL (i) JTC ENVIRONMENTAL CONSULTANTS REPORT #86-673 TABLE 1

1. ON 5 SEPTEMBER 1986, DANNY BECKER, TOM BARBEE AND MYSELF COLLECTED SOIL FROM ~~UNDER~~ THE LOT BEHIND BLDG 902 WHERE BATTERYS HAD BEEN STORED UPSIDE DOWN. EPA HAD OBJECTED BATTERIES BEING STORED EMPTY UPSIDE DOWN TO ~~THE~~ BECAUSE ~~THE~~ RUN OFF FROM THE BATTERIES COULD CONTAMINANT THE SOIL ~~TO~~ WITH ~~A~~ METALS.
- 2 THE ENCLOSURE CONTAINS THE ANALYSIS OF THE SOIL, SAMPLE #86-29. THE PH WAS NEUTRAL. ONLY TWO METALS WERE FOUND, CADMIUM AND LEAD, ~~BOTH~~ ~~WERE~~ WHICH ^{INDICATES} ~~PROVES~~ SOME ~~THE~~ RUN OFF WAS CONTAMINATING THE SOIL, HOWEVER THE LEVELS WERE ~~LOW~~. BELOW TOXICITY LIMITS.

Elizabeth A. Buz

04 NOV REC'D

REPORT # 406

LABORATORY ANALYSIS ON

NAVAL SAMPLES

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

JTC REPORT # 86-673

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

October 28, 1986

Ann E Rosecrance

Ann E. Rosecrance
Laboratory Director

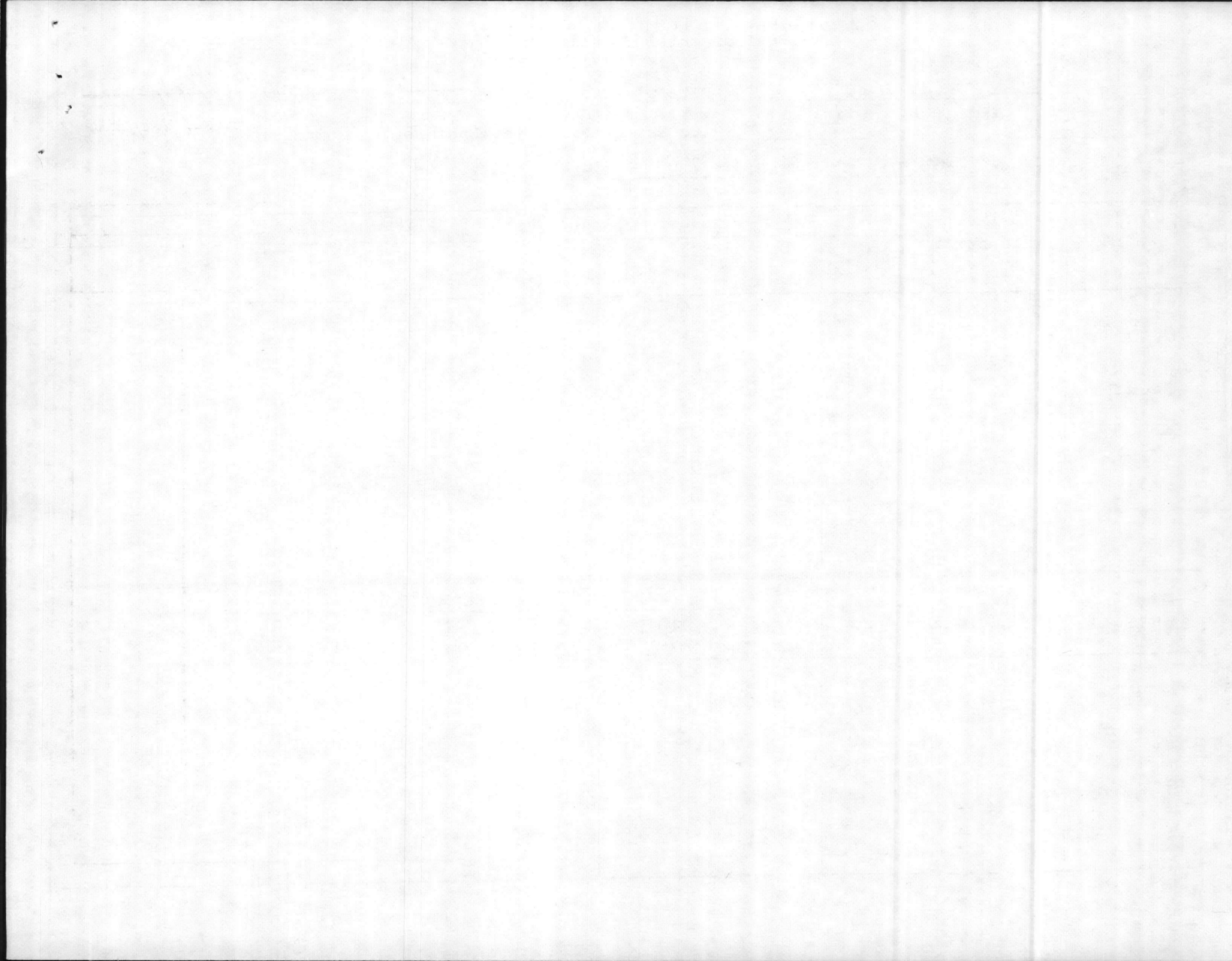
04 NOV REC'D

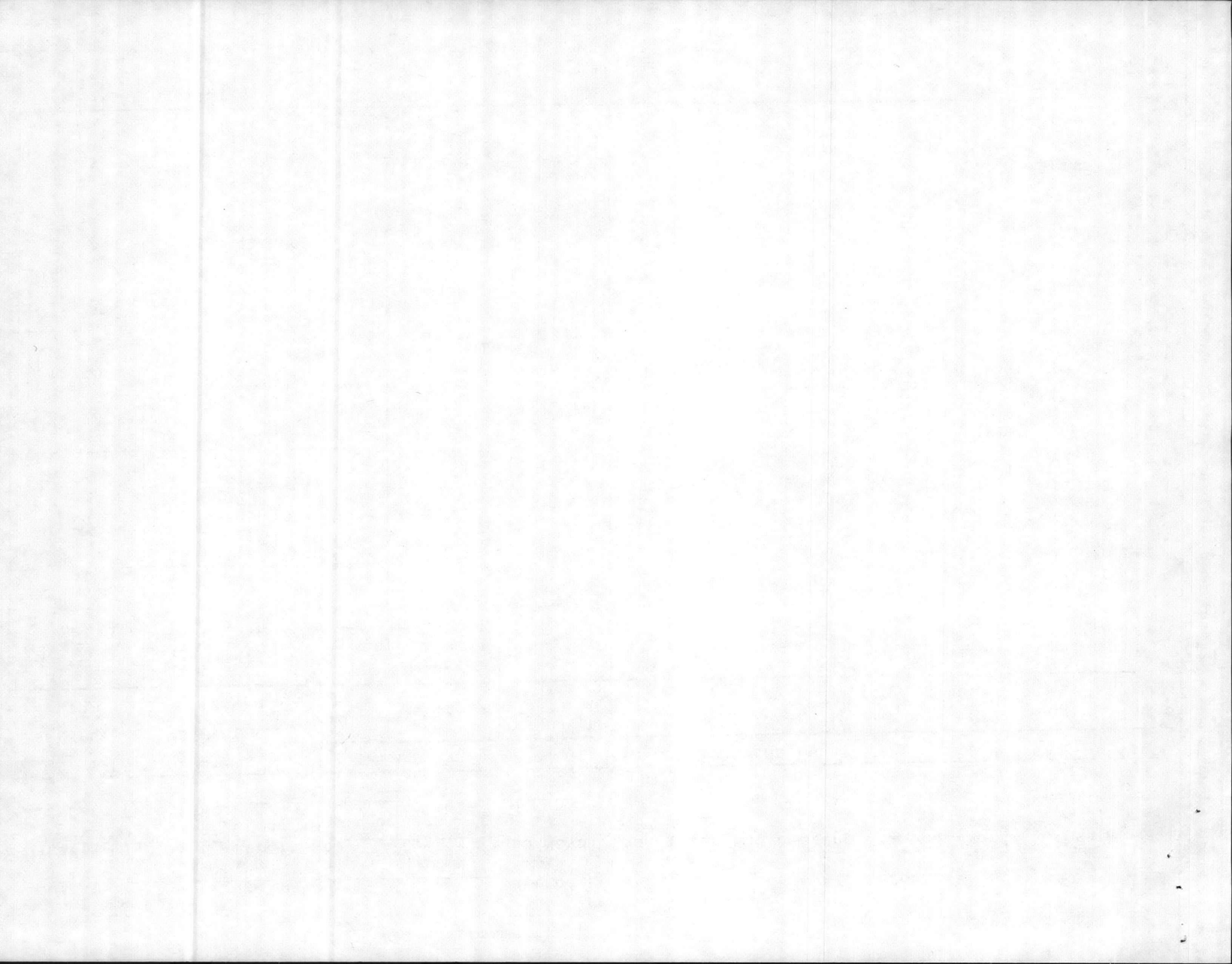
JTC Environmental Consultants, Inc.

Location: Camp Lejeune Date of Receipt: 9-11-86 Turnaround: routine
 Date: 10/28/86 Report No. 406 to Naval Facilities Engineering Command, Norfolk, Virginia
 JTC Data Report No. 86-673 Table 1

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		pH							
MCBCL 86-29 9-5-86	12-3667	7.2							
NAVY SAMPLE ID	JTC SAMPLE ID	EP Tox Extraction							
		As ug/L	Ba ug/L	Cd ug/L	Cr ug/L	Pb ug/L	Hg	Se ug/L	Ag ug/L
MCBCL 86-29 9-5-86	12-3667	<150	<200	11	<10	70	<0.2	<200	<10

units: ug/L





J
T

C Environmental Consultants, Inc.

PRIORITY POLLUTANT ANALYSIS DATA SHEET

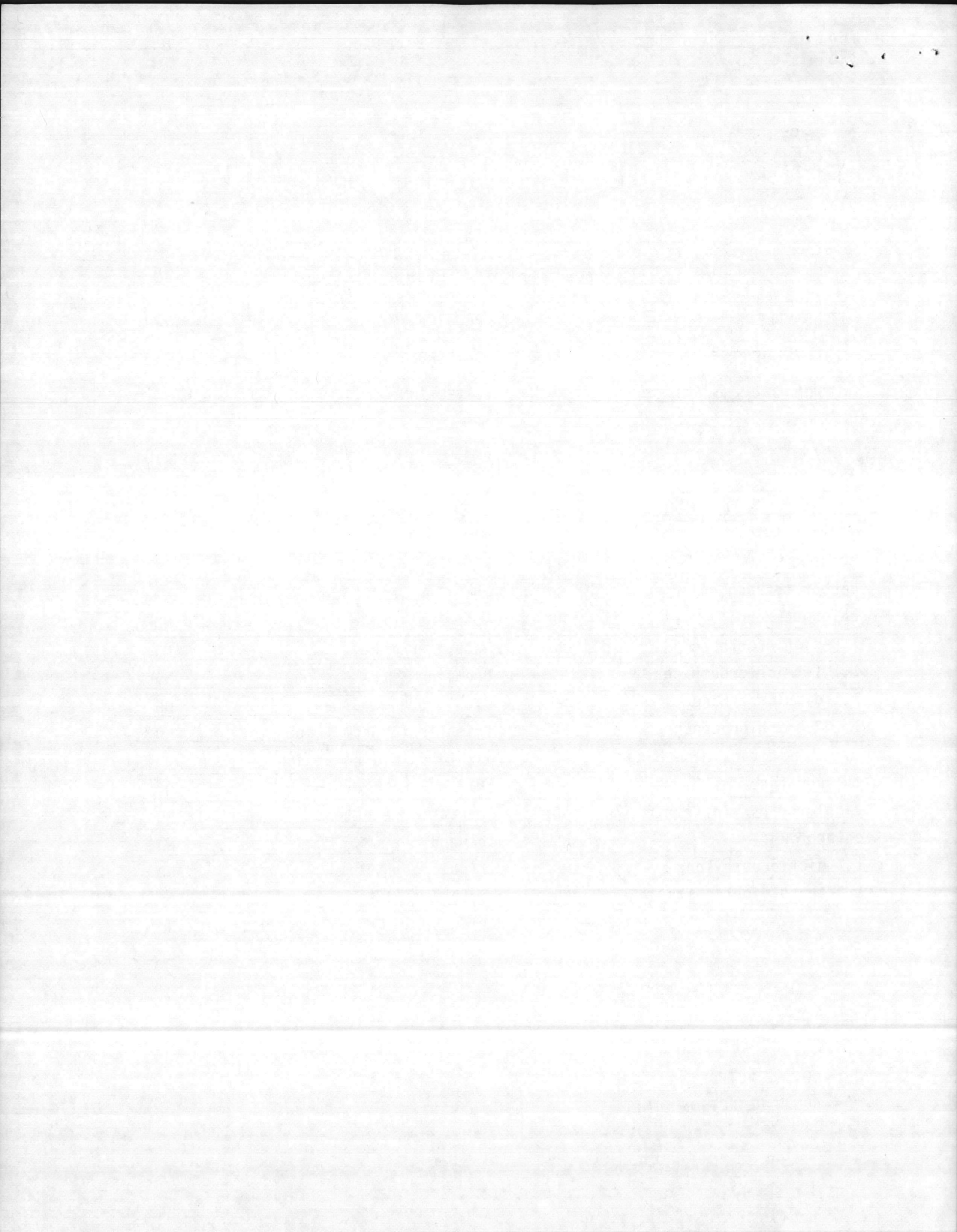
VOLATILE FRACTION

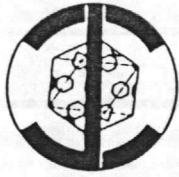
JTC SAMPLE # 12-3664 PROJECT NO. NF-12 #406
CLIENT SAMPLE # TI-25 9-9-86 DATE RECEIVED 9-11-86
METHOD NO. 624 DETECTION LIMIT 10 ug/L

PARAMETER	RESULT	PARAMETER	RESULT
	ug/L		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	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
1,1-dichloroethylene	ND	trichloroethylene	ND
1,2-trans-dichloroethylene	ND	vinyl chloride	ND
		xylenes	ND

ND = NOT DETECTED

* = BELOW DETECTION LIMIT



J
T

C Environmental Consultants, Inc.

PRIORITY POLLUTANT ANALYSIS DATA SHEET

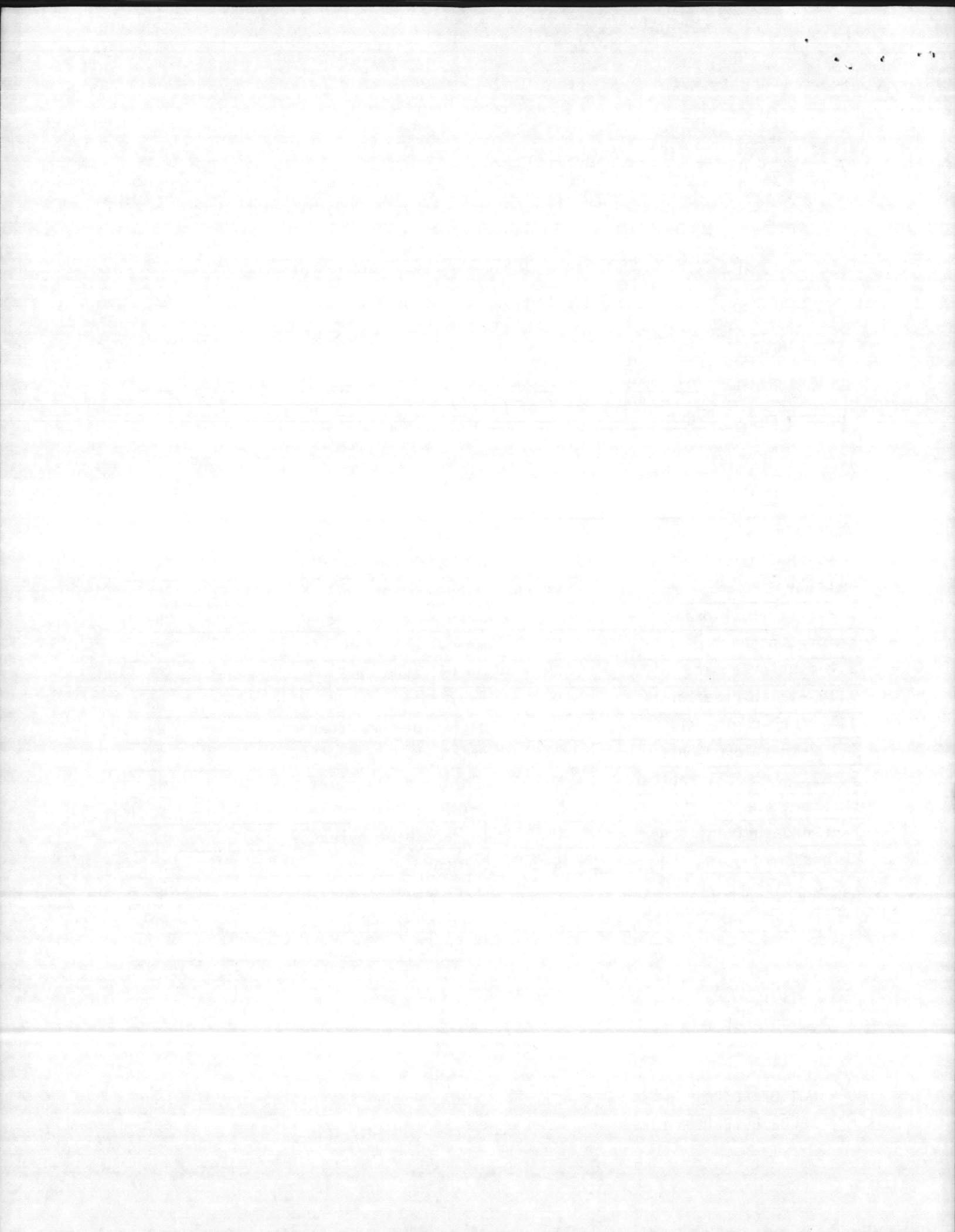
VOLATILE FRACTION

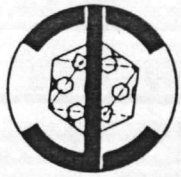
JTC SAMPLE # 12-3665 PROJECT NO. NF-12 #406
CLIENT SAMPLE # TI-38 9-9-86 DATE RECEIVED 9-11-86
METHOD NO. 624 DETECTION LIMIT 10 ug/L

PARAMETER	RESULT	PARAMETER	RESULT
	ug/L		ug/L
acrolein	ND	1,2-dichloropropane	ND
acrylonitrile	ND	1,3-dichloropropylene	ND
benzene	ND 1*	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	bromoform	ND 4*
1,1-dichloroethane	ND	dichlorobromomethane	ND 7*
1,1,2-trichloroethane	ND	trichlorofluoromethane	ND
1,1,2,2-tetrachloroethane	ND	dichlorodifluoromethane	ND
chloroethane	ND	chlorodibromomethane	ND 9*
2-chloroethylvinylether	ND	tetrachloroethylene	ND
chloroform	ND 5*	toluene	ND
1,1-dichloroethylene	ND	trichloroethylene	ND
1,2-trans-dichloroethylene	ND	vinyl chloride	ND
		xylene	ND

ND = NOT DETECTED

* = BELOW DETECTION LIMIT



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PRIORITY POLLUTANT ANALYSIS DATA SHEET

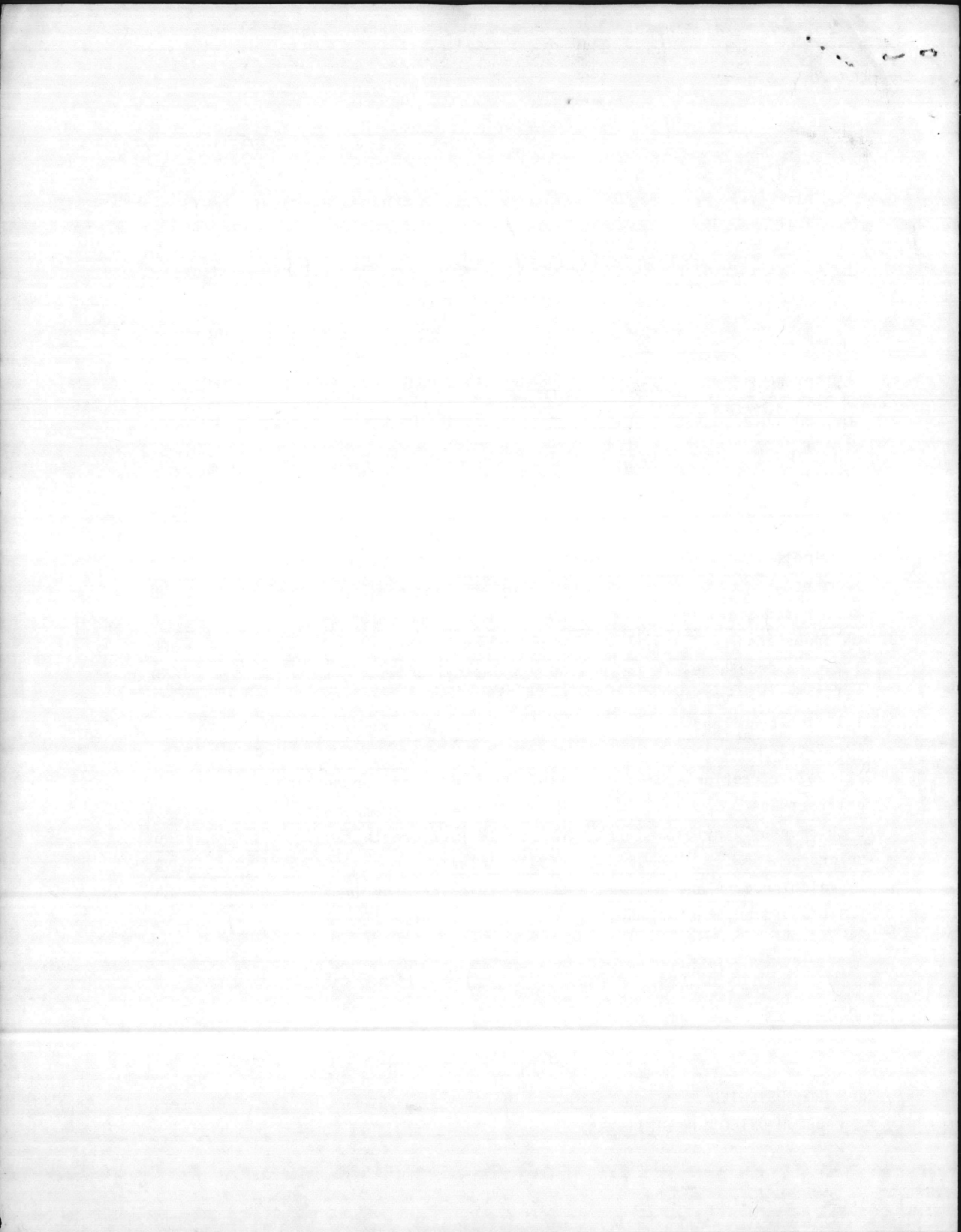
VOLATILE FRACTION

JTC SAMPLE # 12-3666 PROJECT NO. NF-12 #406
CLIENT SAMPLE # HP-20 9-9-86 DATE RECEIVED 9-11-86
METHOD NO. 624 DETECTION LIMIT 10 ug/L

PARAMETER	RESULT	PARAMETER	RESULT
	ug/L		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	bromoform	ND
1,1-dichloroethane	ND	dichlorobromomethane	ND 10
1,1,2-trichloroethane	ND	trichlorofluoromethane	ND
1,1,2,2-tetrachloroethane	ND	dichlorodifluoromethane	ND
chloroethane	ND	chlorodibromomethane	ND 4 *
2-chloroethylvinylether	ND	tetrachloroethylene	ND
chloroform	ND 20	toluene	ND
1,1-dichloroethylene	ND	trichloroethylene	ND
1,2-trans-dichloroethylene	ND	vinyl chloride	ND
		xylene	ND

ND = NOT DETECTED

* = BELOW DETECTION LIMIT



DDS

TOM SWB

File: SWEB
ENV. IMPACT ASSESSMENT



TOM:

Review &
Send to

6 S FOR
Filing

State of North Carolina
Department of Natural Resources and Community Development
Division of Coastal Management
101 North Salisbury Street • Raleigh, North Carolina 27611

David W. Owens
Director

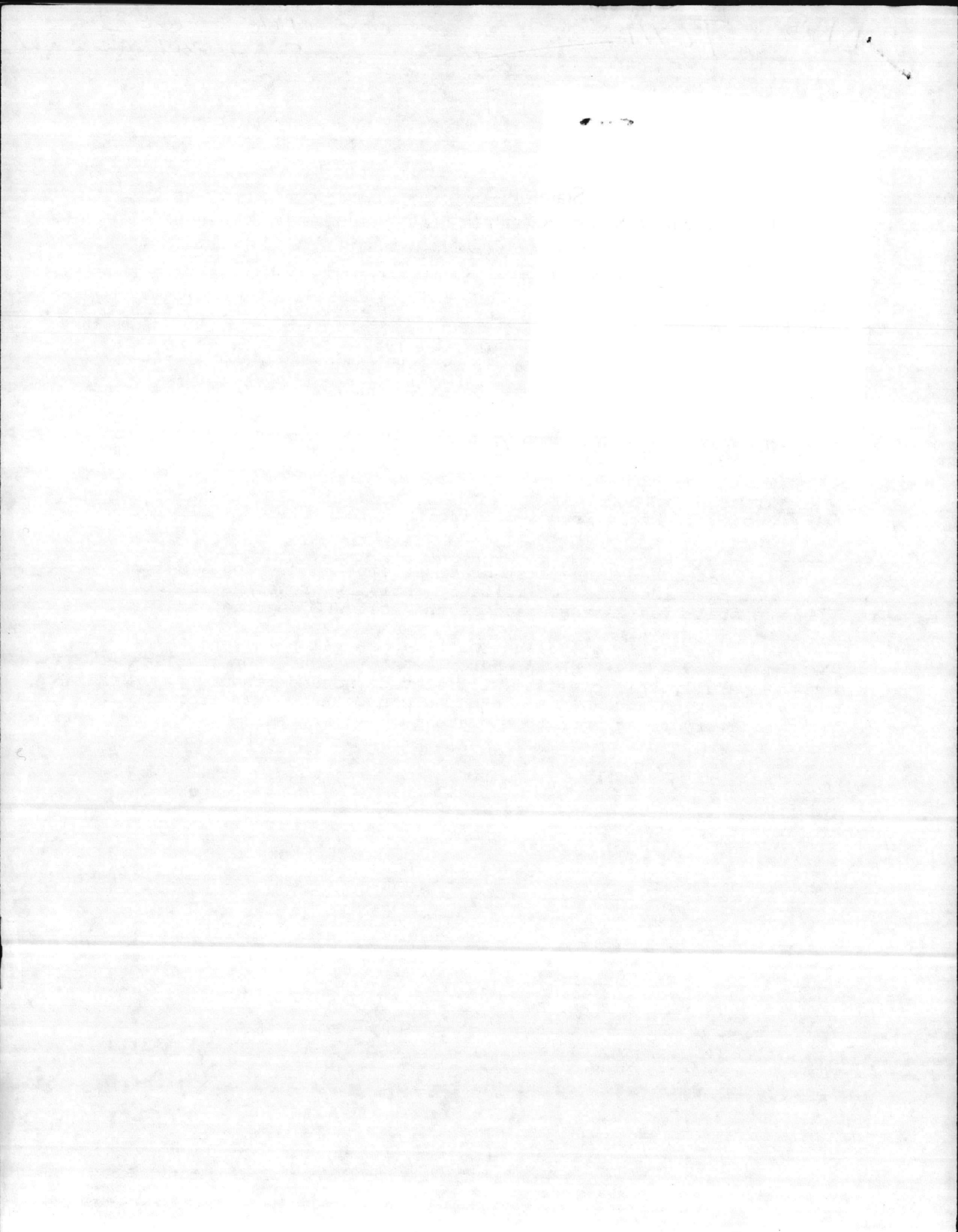
July 14, 1987
I&S 198

MEMORANDUM

To: CRC
From: Steve Benton
Subject: Draft Proposed Guidelines for Military Activity

Attached is a first draft attempt to develop a set of policy guidelines for military activity proposals in the coastal area as requested at the last CRC meeting.

The draft guidelines outline general policy for military activities and describe a procedure for compliance. Hopefully this exercise will provide needed resource protection and a less confusing consistency arena for the military to attempt to operate in.



DAS

TOM SWB

File # SWEB
ENV. IMPACT ASSESSMENT



State of North Carolina
Department of Natural Resources and Community Development
Division of Coastal Management
512 North Salisbury Street • Raleigh, North Carolina 27611

James G. Martin, Governor
S. Thomas Rhodes, Secretary

David W. Owens
Director

July 14, 1987
I&S 198

MEMORANDUM

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MILITARY ACTIVITY GUIDELINES
DISCUSSION OUTLINE

The proposed draft guidelines for Military Activities are intended to provide guidance in the following four areas. An effort was made to use a broad general approach rather than to focus on a specific issue such as the recent airspace proposals.

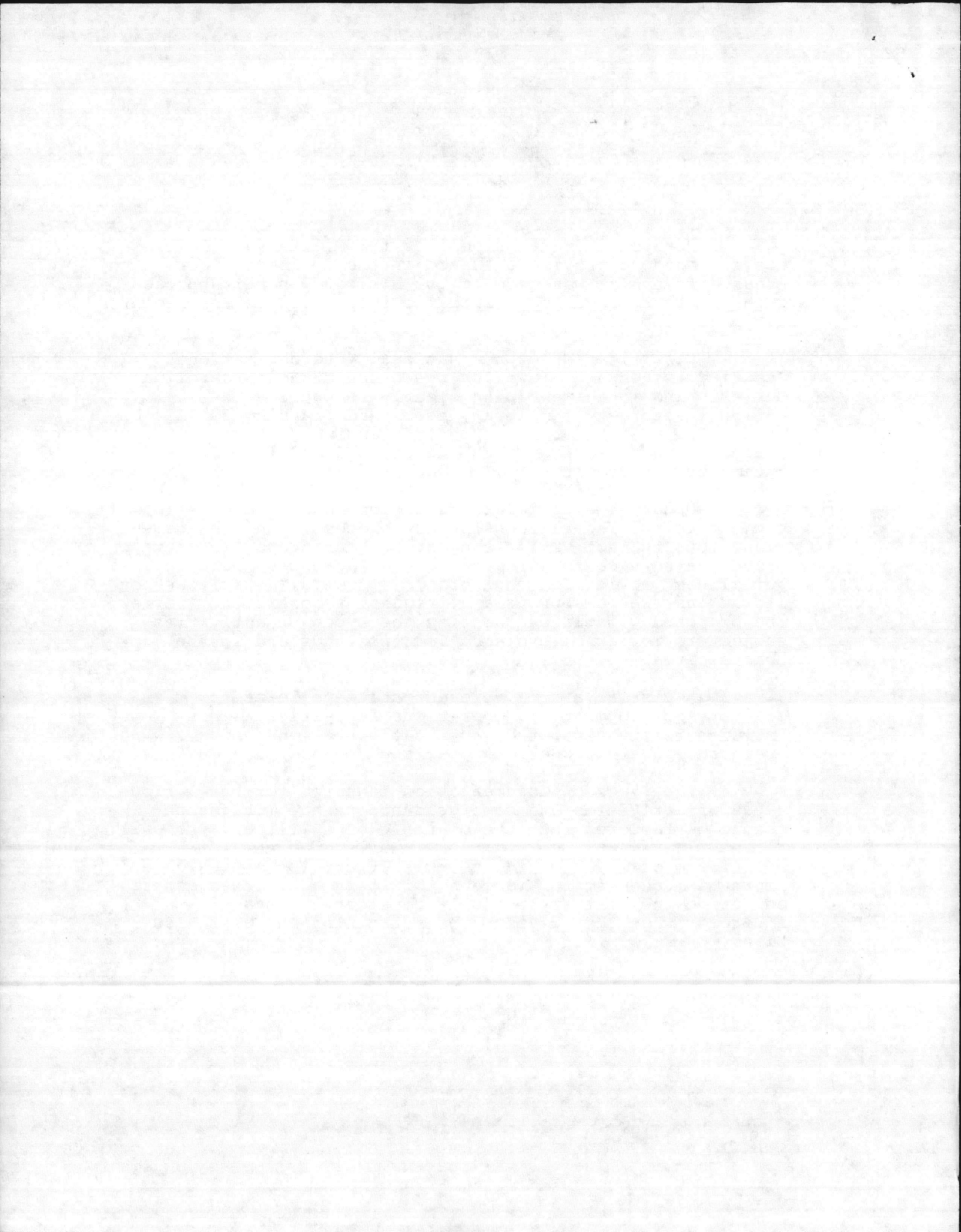
1) Clarification of how National Interest/National Security issues are viewed by the State of North Carolina. Our existing management plan clearly recognizes the national interest of military bases and training facilities. It is also clear that with proper planning, siting, impact analysis and mitigation both the state's and military's interests can be met.

2) Update the official listing of federal activities subject to the federal consistency process. Our management plan lists the activities subject to consistency in part to provide a service to affected federal agencies. The federal guidelines provide for monitoring of federal activities not listed and, where appropriate, request a consistency review. The proposed guidelines identify the types of activities subject to review on excluded federal lands and in the coastal area.

3) A listing of the relevant state policies for military development and operations activities. This includes referencing other applicable sections and a few new standards in areas where none existed before.

4) The types of documentation required for the various types of activities and some guidance on how mitigation should be factored into the planning of a military proposal.

The overall objective of this effort is to provide an improved mechanism for managing military activities and to encourage the military to fully consider the state's interests when they develop their training and operations plans.



SECTION .0900 - MILITARY ACTIVITIES

-----D R A F T -----

.0901 DECLARATION OF GENERAL POLICY

The State recognizes that national interest requires military bases, military access to air, land, and water transportation corridors, and adequate training and operations facilities to maintain skills and readiness levels needed to insure the national defense. However, because of the scale and nature of the various military activities occurring in the coastal area of North Carolina, there exists the potential for significant direct and cumulative impacts to it's character and natural resources. Similarly, growth in both civilian and military use of coastal resources creates increasing potential for resource use conflicts and danger to health and safety.

Therefore, in order to provide a framework for balancing the military and civilian resource needs, to protect and enhance the high economic, recreational, and esthetic values of the state's coastal lands and waters, and insure orderly development and preservation of coastal natural areas, it is hereby declared that military activities will be conducted and developed in a manner consistent to the maximum extent practicable with the goals, objectives, policies, and standards of the North Carolina Coastal Management Program.

.0902 DEFINITIONS

.0903 TYPES OF ACTIVITIES SUBJECT TO REVIEW AND MANAGEMENT

- (a) Activities within the coastal area
 - (1) Any development within Areas of Environmental Concern (AEC's).
 - (2) Proposed additions and/or expansions to, or the establishment of new federally excluded lands for military purposes.
 - (3) Disposal, including the dumping, incineration, landfills, or storing toxic or hazardous materials which might adversely impact the coastal area.
 - (4) Experimental or testing operations or facilities which might adversely impact the coastal area.
 - (5) Training areas and operations which might impact land, water, or air transportation routes or public trust access or resource utilization.
 - (6) Major training exercises or operations which involve Areas of Environmental Concern (AEC's).
- (b) Activities within the boundaries of excluded federal lands.
 - (1) Developmental activities which may adversely impact surface water, groundwater, air quality, fisheries resources, wildlife, or

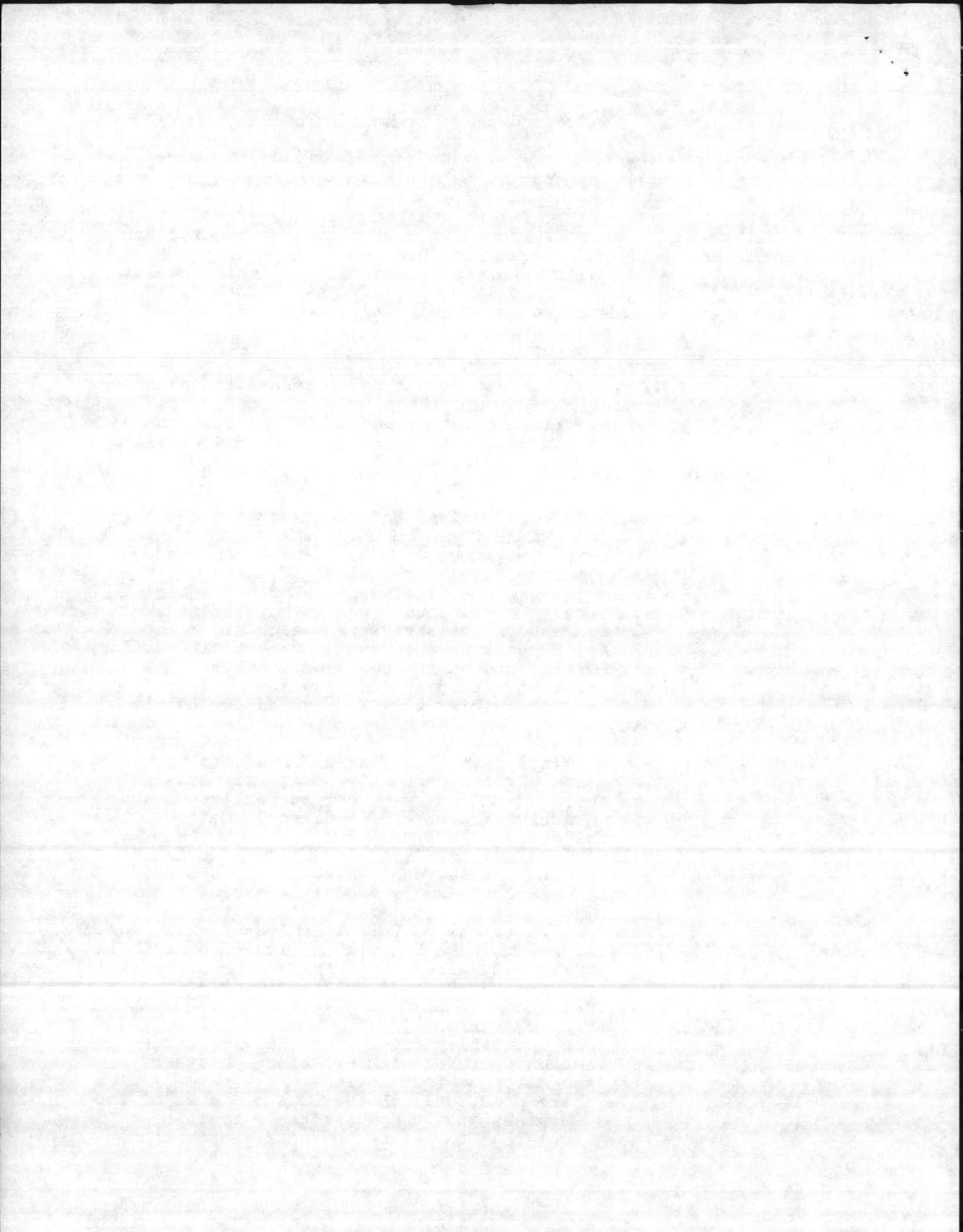
AEC's outside the boundaries of the excluded federal lands.

- (2) Major changes in land use or operations which might have a significant direct impact on the existing and planned infrastructure of the surrounding communities as described in the local land use plans.
- (3) Major changes in operations within federally excluded lands which might increase the hazard to non-military lands and public trust waters.

.0904

POLICY STATEMENTS

- (a) Military activities and development within the coastal area (except within excluded federal lands) will not interfere with or exclude common-law and statutory rights in the lands and waters of the coastal area.
- (b) Military development activities in areas of Environmental Concern shall be consistent with the applicable guidelines and standards set forth in 15 NCAC 7H.
- (c) Military activities will be planned and conducted with consideration for timing the activity to avoid relevant critical periods of biological activity. This includes but is not limited to surface and/or air activities which might impact flocks of roosting and resting waterfowl, nesting sea turtles and shorebirds, and important fisheries migration and/or spawning activity.
- (d) Military activities will be planned and carried out in such a manner that state and local resource management, law enforcement, and emergency medical agencies are permitted reasonable access by water, land, and air to conduct necessary resource surveys, scientific research, surveillance, and rescue activities on the lands and waters of the coastal area.
- (e) Military activities, including air training should avoid State and National Parks and Seashores, Wildlife Refuges, and National Estuarine Research Reserves.
- (f) Airspace restrictions for military purposes should be designed to have the minimum impact practical on non-military aircraft. Airspace proposals will include consideration of the following:
 - (1) Existing and planned civilian airports and air traffic corridors.
 - (2) The cumulative effects of the airspace restriction proposal with existing and other proposed airspace restrictions.
 - (3) Where practical, the various branches of the Armed Services should combine their training operation areas to reduce the total restricted

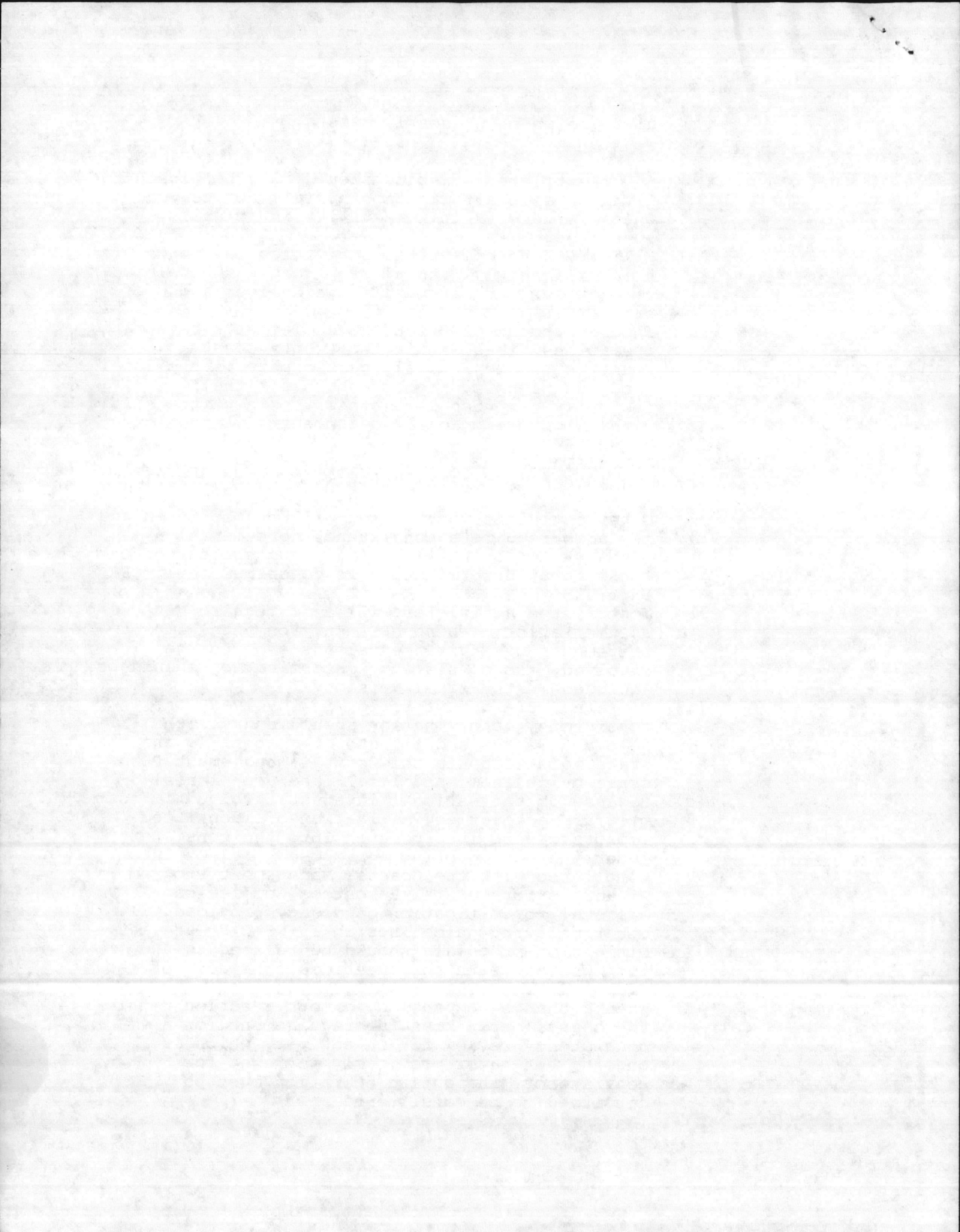


airspace which presently exists.

- (4) Restricted airspace should only be closed to civilian aircraft with appropriate notice, and when military training activity is actually scheduled.
- (g) Military development and activities in the coastal area will comply with all applicable federal and state water and air quality guidelines and standards.
- (h) The Department of Defense agencies with bases and operations areas within the twenty coastal counties should actively participate in the local land use planning process, both for their federally excluded land areas and in partnership with neighboring local government jurisdictions.

.0905 DOCUMENTATION REQUIRED

- (a) A consistency determination will be required for the activities listed in .0903 of this section. Other activities not listed will be monitored and may also require a consistency determination pursuant to 15 CFR 930.35(b). The content of a consistency determination is described in 15 CFR Part 930.
- (b) Most listed activities will also require NEPA documentation. Where NEPA Environmental Impact Statements or Environmental Assessments are involved, the consistency determination should be included in the final version.
- (c) Where no NEPA documentation is involved, the consistency determination should address the relevant issues and impacts of concern to the state identified in the Coastal Management Plan, state guidelines, and local land use plan(s).
- (d) Because of the national interest involved in most military activities, mitigation of identified impacts can be incorporated into the consistency determination to bring a proposed project into compliance with the Coastal Management Program without prior Coastal Resources Commission approval for mitigation candidacy provided all other relevant guidelines in 15 NCAC 7M are met. Mitigation proposals should be related to and commensurate with the unavoidable impacts of the proposed project.
- (e) When a change, expansion, or other action within the coastal area keys the requirement for a consistency review for an activity which is ongoing but never previously reviewed for consistency, the entire operation must be certified to be consistent.



Memorandum

6240
NREAD

DATE: 25 Jun 87

FROM: Supervisory Ecologist, Soil, Water and Environmental Branch,
Natural Resources and Environmental Affairs Division, MCB, CLNC
TO: All Soil, Water and Environmental Branch personnel, Natural
Resources and Environmental Affairs Division, MCB, Camp Lejeune

SUBJ: TECHNICAL ASSISTANCE WITH THE COMPLETION AND REVIEW OF WASTE
IDENTIFICATION DOCUMENTS (WID's)

Ref: (a) BO 6240.5A

1. The subject WID's are a critical part of the revised Hazardous Waste Management Program published by the reference.
2. Responsibility within the Soil, Water, and Environmental Branch, for providing support to Hazardous Material Disposal Coordinators (HMDC's) required to ensure that WID's are properly completed and technically correct, is hereby assigned to the Environmental Chemistry and Microbiology Section. The Supervisory Chemist and Environmental Control Specialist, GS-9, shall cooperate in processing WID's.
3. It is anticipated that a significant amount of field observations of waste streams will be required. All work will be done in close cooperation with cognizant HMDC's, Base Safety, Preventive Medicine, Base Fire Department, etc.
4. High priority shall be given to this activity over the next few months. Once initial workload is processed, this should not be a major time consumer.

D D Sharpe
D. D. SHARPE

Copy to:
Dir, NREAD

