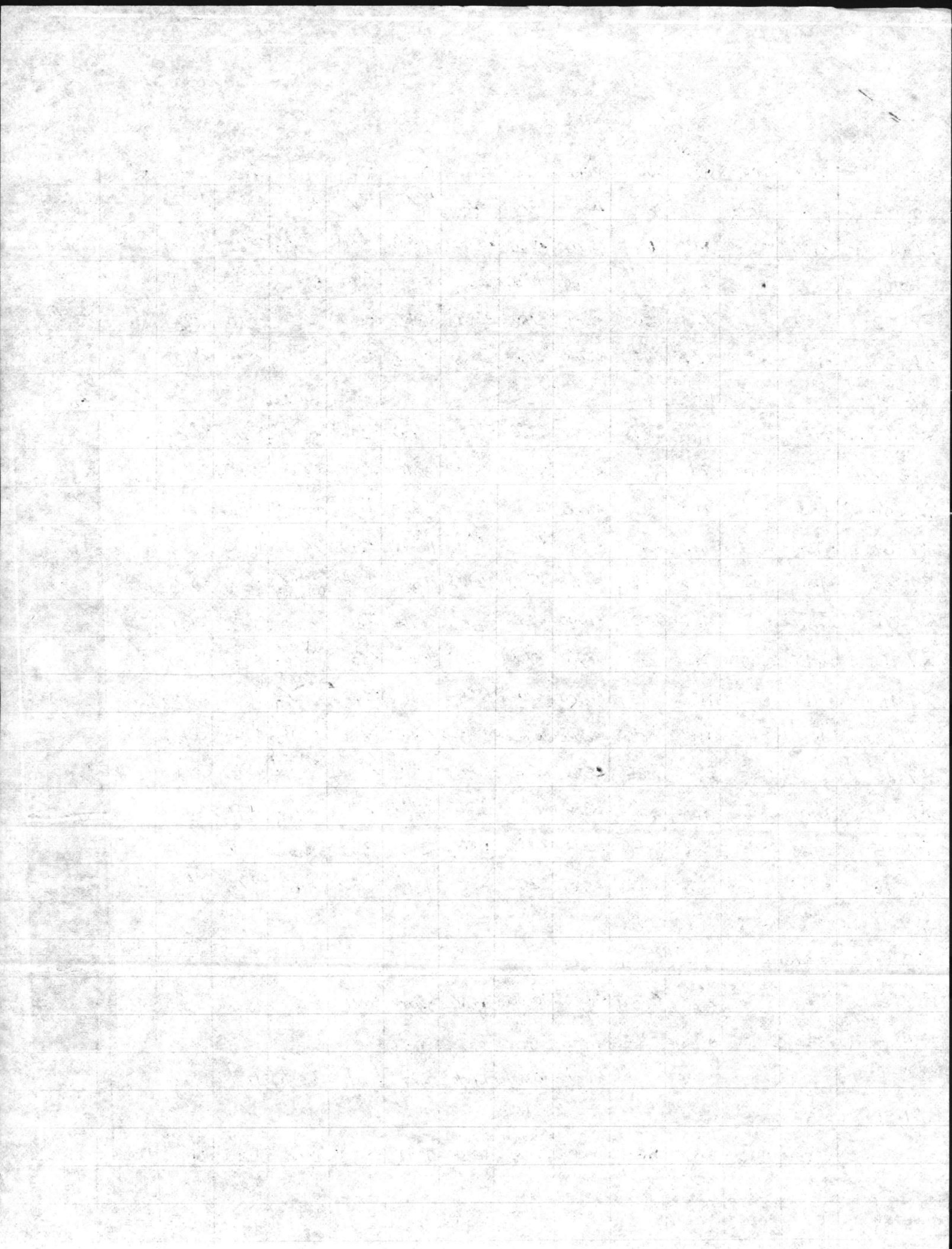


SAMPLE #	TOX	PCB	CORROSIVITY	IDENTIFIABILITY	AS	Ba	Cd	Cr	Pb	Hg	Se	Ag	REACTIVITY
					PCB								
87-01 TOP	<100	<5	NR	65	<2700	<760	<1500	<640	<2340	0.3 mg/kg	<860	<8920	D009
BOTTOM		NR			<1000	1930	260	540	990	5.3	<1000	<100	
87-02		<5	6.1	50	<2700	<760	<1500	<640	<2340	2.0	<860	<8920	D001
87-03	<100	<5	6.0	45	<2700	<760	<1500	<640	<2340	<2.0	<860	<8920	D001
87-04		<5	10.9	NR						0.14 mg/kg			BP = 70°C SOLID
87-05 TOP	200	<5	NR	70	<2700	1850	<1500	<640	<2340	<0.1 mg/kg	<860	<8920	
BOTTOM		NR	7.0		<500	750	<25	3010	<250	<2.0	3640	<50	D010
87-06	100	<5	NR	45	<1000	<500	80	7960	1750	NSL	4970	<100	D001 D007, D010
87-07	<100	<5	6.0	20	<500	<250	55	11500	1210	<2.0	6480	75	D001 D003, D010
87-08	<100	<5	NR	65	<2700	1980	12400	1080	<2340	<0.1 mg/kg	<860	<8920	D006
87-09	<100	<5	6.0	20	<1000	<250	50	<1760	720	<2.0	3620	<100	D001 D010
87-10	5,900	<5	NR	20	<2700	3740	<1500	<640	<2340	<0.1 mg/kg	<860	<8920	D001
87-11	<100	<5	NR	75	<2700	<760	<1500	<640	<2340	0.1 mg/kg	<860	<8920	
87-12	100	<5	NR	45	<2700	10,800	1810	<640	<2340	0.1 mg/kg	<860	<8920	D001, D006
87-13		<5	5.9	55	<2700	<760	<1500	<640	<2340	0.1 mg/kg	<860	<8920	D001
87-14	100	<5	NR	NR	6830	<250	<25	3940	<250	0.1 mg/kg	<570	<50	BP = 95°C D004, D007
87-15	<100	<5	NR	35	<500	2590	1110	310	355	0.1 mg/kg	<570	<50	D001 D006
87-16	<100	<5	13.0	NR	<500	<250	<25	135	<250	4.0	1120	<50	BP = 60°C D002, D010
87-17	370,000	<5	NR	20									D001
87-18	349,000	<5	NR	20									D001
			>12 <2	60%	5,000	100,000	1,000	5,000	5,000	200	1,000	5,000	
NR - NO RESULT POSSIBLE DUE TO NATURE OF SAMPLE					5 mg/L	100 mg/L	1 mg/L	5 mg/L	5 mg/L	.2 mg/L	1 mg/L	50 mg/L	
NSL = NO SAMPLE LEFT													
			D002	D001	D004	D005	D006	D007	D008	D009	D010	D011	D003



GROUP BY FLASH POINT

SAMPLE # 87-02, 87-03 + 87-13 - NEW PD680 6850-00-285-8011

FP: 45-55 PH: 5.9-6.1

SAMPLE # 87-06 + 87-12 - CONTAMINATED PD680

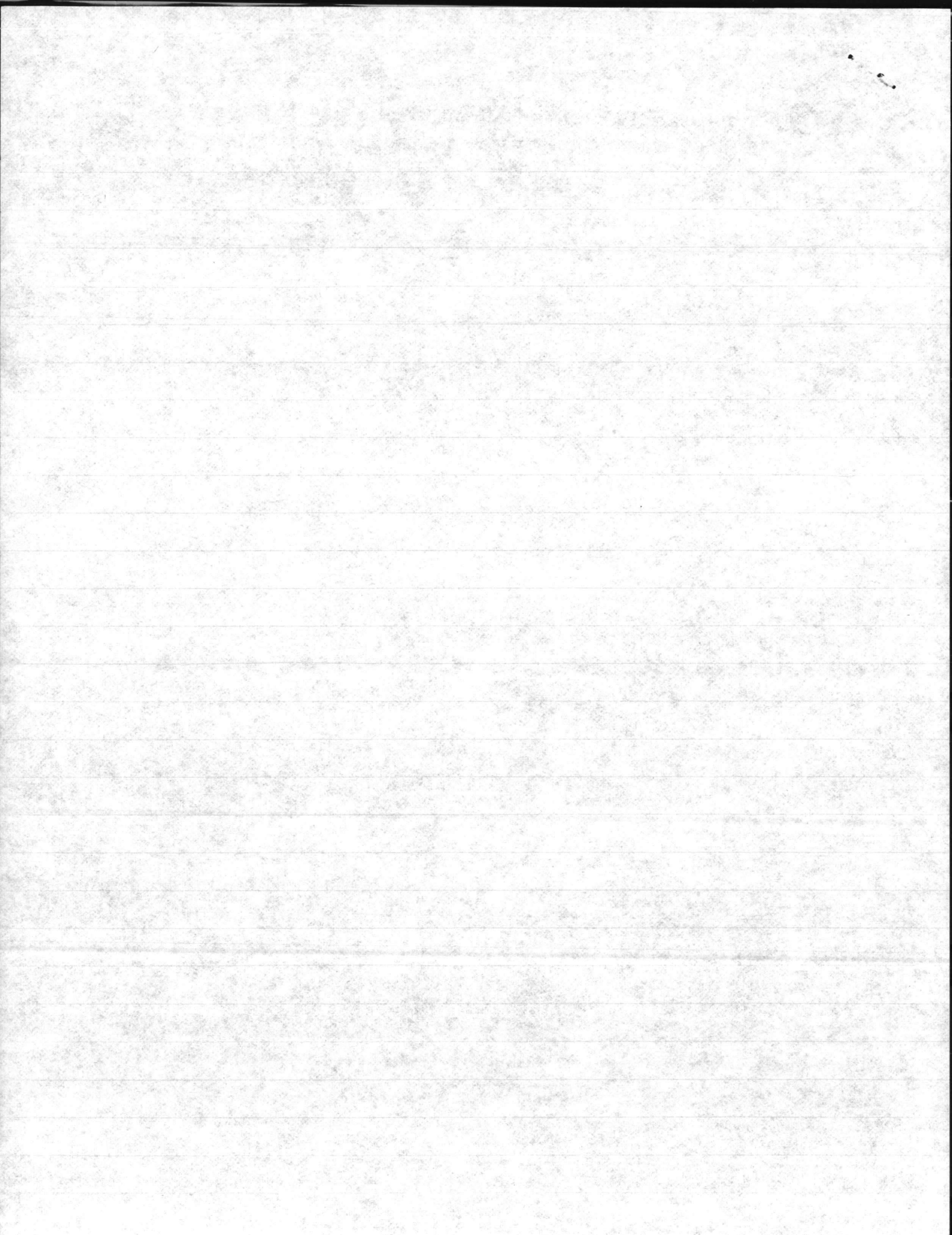
FP: 45 PH: NONE - SAMPLE MATRIX

SAMPLE # 87-07, 87-09

FP: 20 PH: 6.0

SAMPLE # 87-10, 87-17, 87-18

FP: 20 PH: NONE - SAMPLE MATRIX TOX: >1,000ppm



6850-00-285-8011

NOV 86 138

A18 - J18

DRY CLEANING SOLVENT - PD-680

KERR-MCGEE CHEMICAL CO. - KERR MAC 140 FP: 60°C

LIGHT COLORED LIQUID

MAGNAFLUX SURFACE CONDITIONERS - PD-680, TY II FP: 60°C

CLEAR, WATER-WHITE LIQUID

CHARTER CHEMICALS CHARTER INTERNATIONAL OIL CO. - CHARTERSOL 356 FP: 60°C

WHITE WATER LIQ

PHIPPS PRODUCTS CORP (DIST) UNION OIL OF CA - P-D-680 FP: 142°F

CLEAR, LOW ODOR LEVEL

SHELL CHEMICAL CO. - SHELL SOL 14 (DRY CLG SOLV, TYPE 2) FP: 40°C

COLORLESS LIQUID.

8010-01-049-2728

NOV 86 NOT LISTED

6810-00-286-2285

NOV 86

I3-C4

139

TOLUENE - MIL-T-19588 > NO HALOGENS

UNION CHEMICALS DIVISION, UNION OIL CO OF CA - TOLUENE-MIBK MIXTURE FP: 60°F
15.5°C

CLEAR, LITTLE COLOR,

CSD, INC - TOLUENE-METHYL ISOBUTYL KETONE MIXTURE FP: 52°F (11°C)

CLEAR, COLORLESS.

GEORGE SENN DIVISION OF GLOBE SOLVENTS - TOLUENE-MIBK MIXTURE FP: 52°F

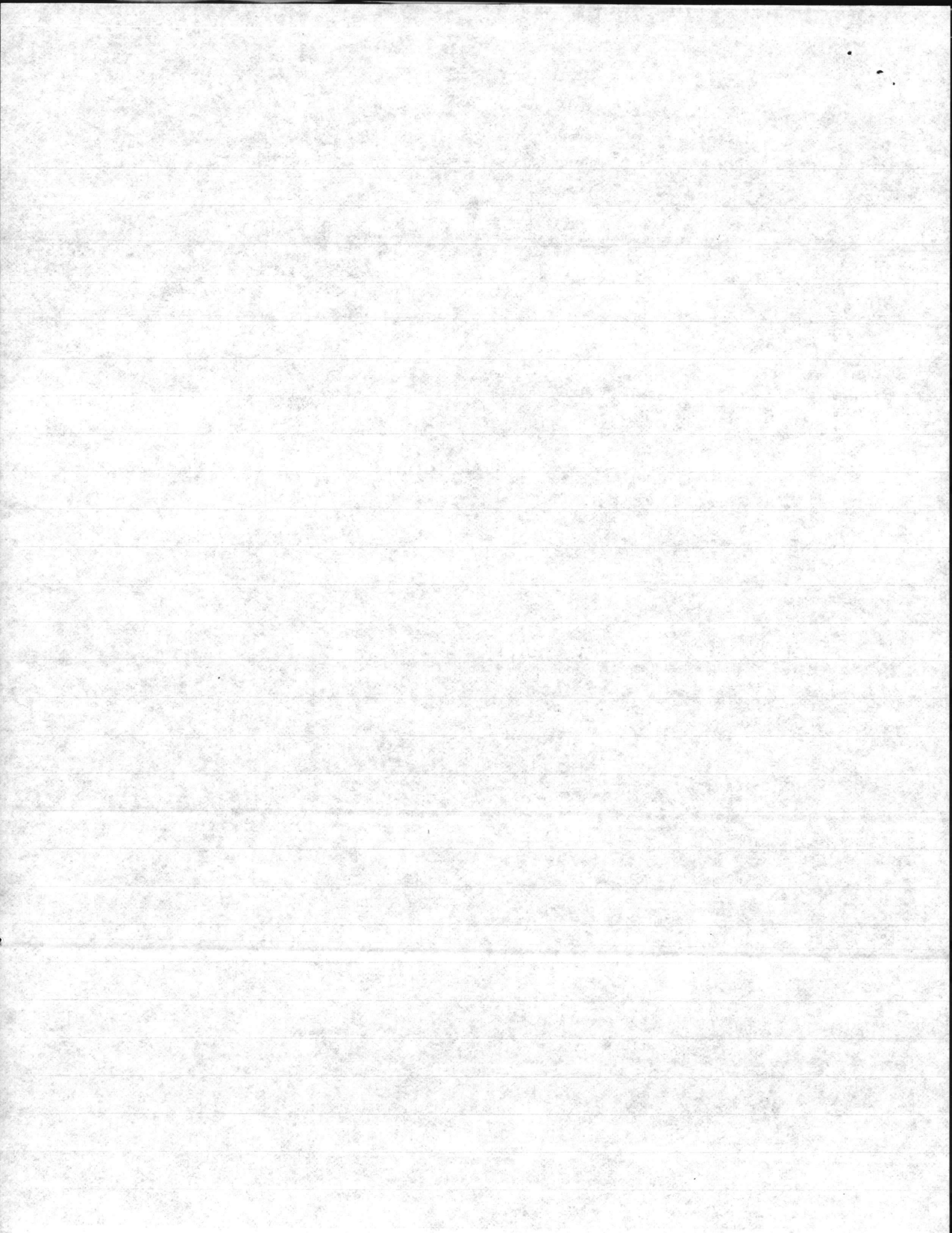
CLEAR LIQUID,

OCTAGON PROCESS - MIL-T-19588, T-MIBK MIXTURE FP: 52°F

CLEAR LIQUID

AMCO CHEMICAL CORPORATION - MIL-T-19588, T-MIBK MIXTURE FP: 41°F

WHITE WATER



6810-00-281-2762 NOV 86 136 F9-D10

5 GAL. CN

METHYL ETHYL KETONE, TECHNICAL (MEK) TT-M-261

> NO HALOGENS

ARCO CHEMICAL CO. - MEK FP: 20°F

-6.7°C

CLEAR, COLORLESS LIQUID WITH ACETONE ODOR

CELANESE CHEMICAL CO. - MEK FP: 20°F

COLORLESS LIQUID, ACETONE LIKE ODOR

ORBITAL CHEMICAL CO. - MEK FP: 23°F

COLORLESS, MOBILE LIQUID.

OCTAGON PROCESS - MEK FP: 23°F

COLORLESS, MOBILE LIQUID

SHELL CHEM. CO. - TT-M-261-MEK FP: 23°F

COLORLESS

AMSCO DIV. UNION OIL CO. OF CA - MEK FP: 22°F

CLEAR LIQUID

SHELL CHEM. CO. TT-M-261-MEK FP: 20°F

COLORLESS, MOBILE LIQUID

6810-00-855-6160 NOV 86 212 NI-132

ISOPROPYL ALCOHOL - TT-I-735 > NO HALOGENS

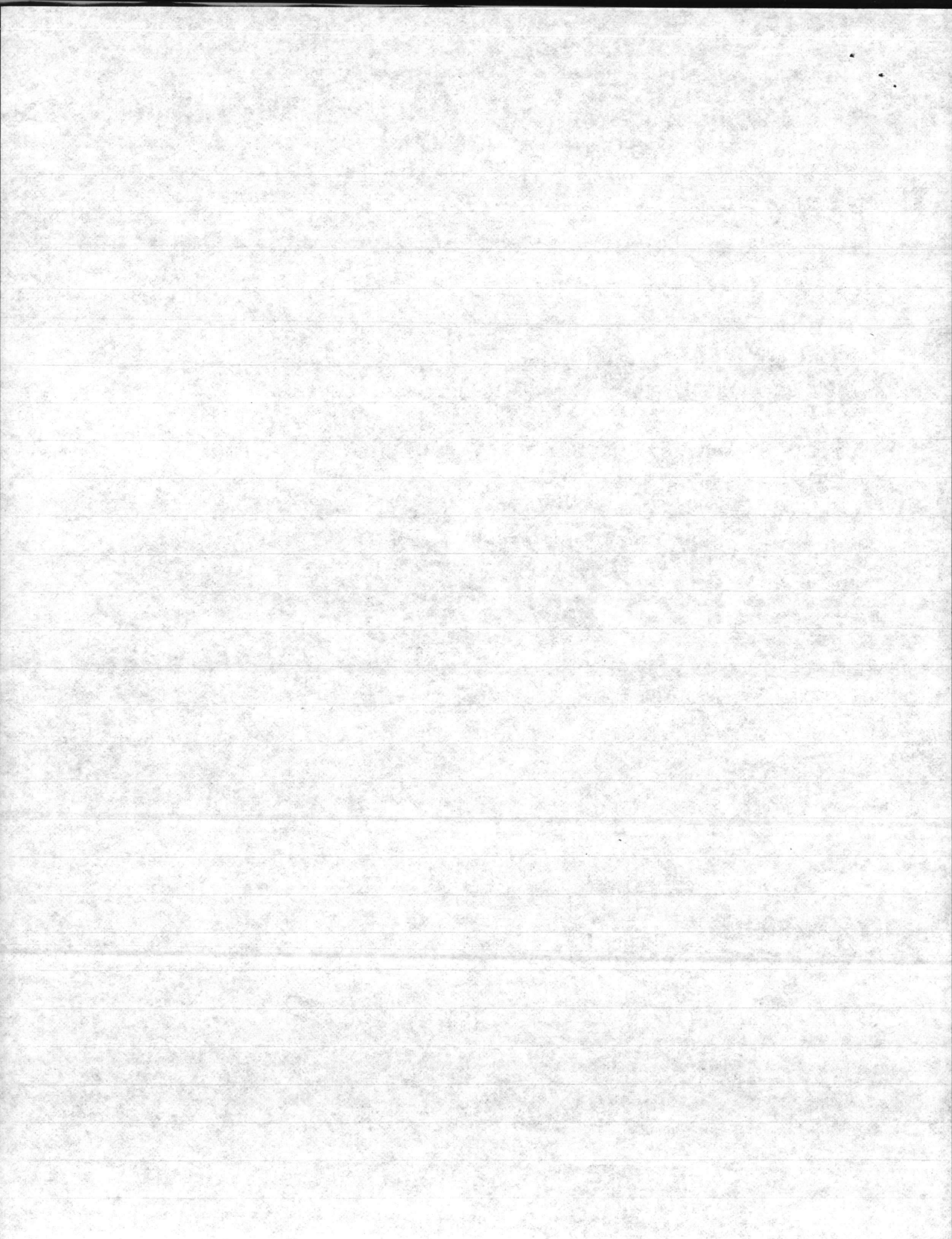
EXXON CHEMICAL AMERICAS - ISOPROPYL ALCOHOL FP: 53°F 12°C

CLEAR, COLORLESS LIQUID

OCTAGON PROCESS - TT-I-735 ISOPROPYL ALCOHOL FP: 70°F 21°C

CLEAR, COLORLESS LIQUID

8010-01-050-4882 NOV 86 NOT LISTED



LAUREL PEREK

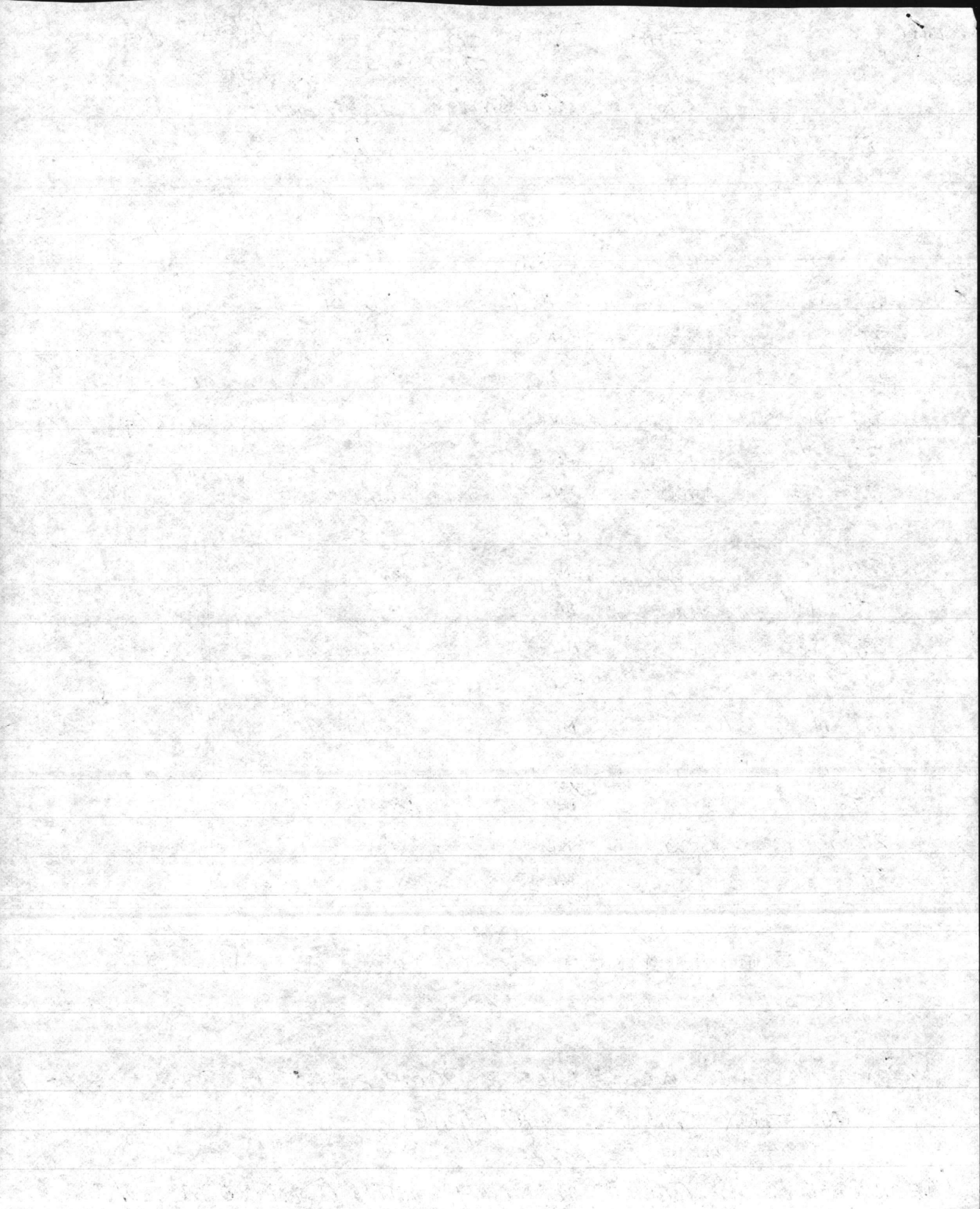
~~PEREK~~ DATA SO FAR ON MCAS-NR SAMPLES

		PPM TOX	CORROSIVITY	IGNITIBILITY °C ±5°C	PCB	
	87-01 TOP	<100	NR	65°	<5 µg/g	
	BOTTOM				NR	
	87-02		6.1	50°	<5 µg/g	
	87-03	<100	6.0	45°	↓	
SOLID	87-04		10.9	70° BP		
	87-05 TOP	200	NR	70°		
	BOTTOM		7.0			NR
	87-06	100	NR	45°		<5 µg/g
	87-07	<100	6.0	20°		
	87-08	<100	NR	65°		
	87-09	<100	6.0	20°		
	87-10	5,900	NR	20°		
	87-11	<100	NR	75°		
	87-12	100	NR	45°		
	87-13		5.9	55°		
	87-14	100	NR	95° BP		
	87-15	<100	NR	35°		
	87-16	<100	13.0	60° BP		
	87-17	370,000	NR	20°		
	87-18	349,000	NR	20°		

SHOULD FINISH UP METALS BY FRIDAY
LABORATORY HAS HAD SOME PROBLEMS.

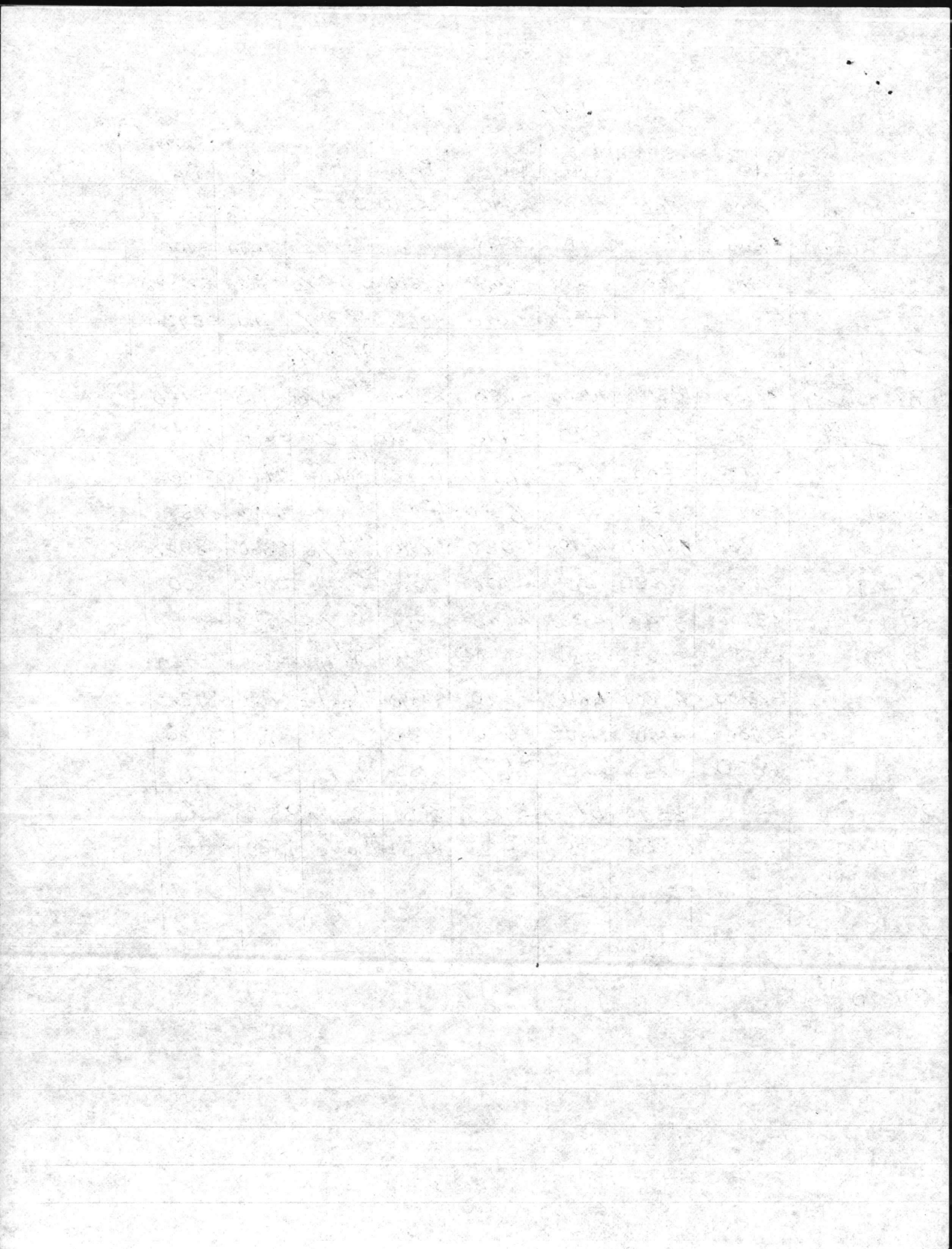
STEAM PLANT WASTE OILS SAMPLE # 87-19, 87-21 → 87-29
NO TOX ABOVE 4000ppm
- WASTE OIL

LABORATORY TO CALL MONDAY WITH ADDITIONAL DATA.



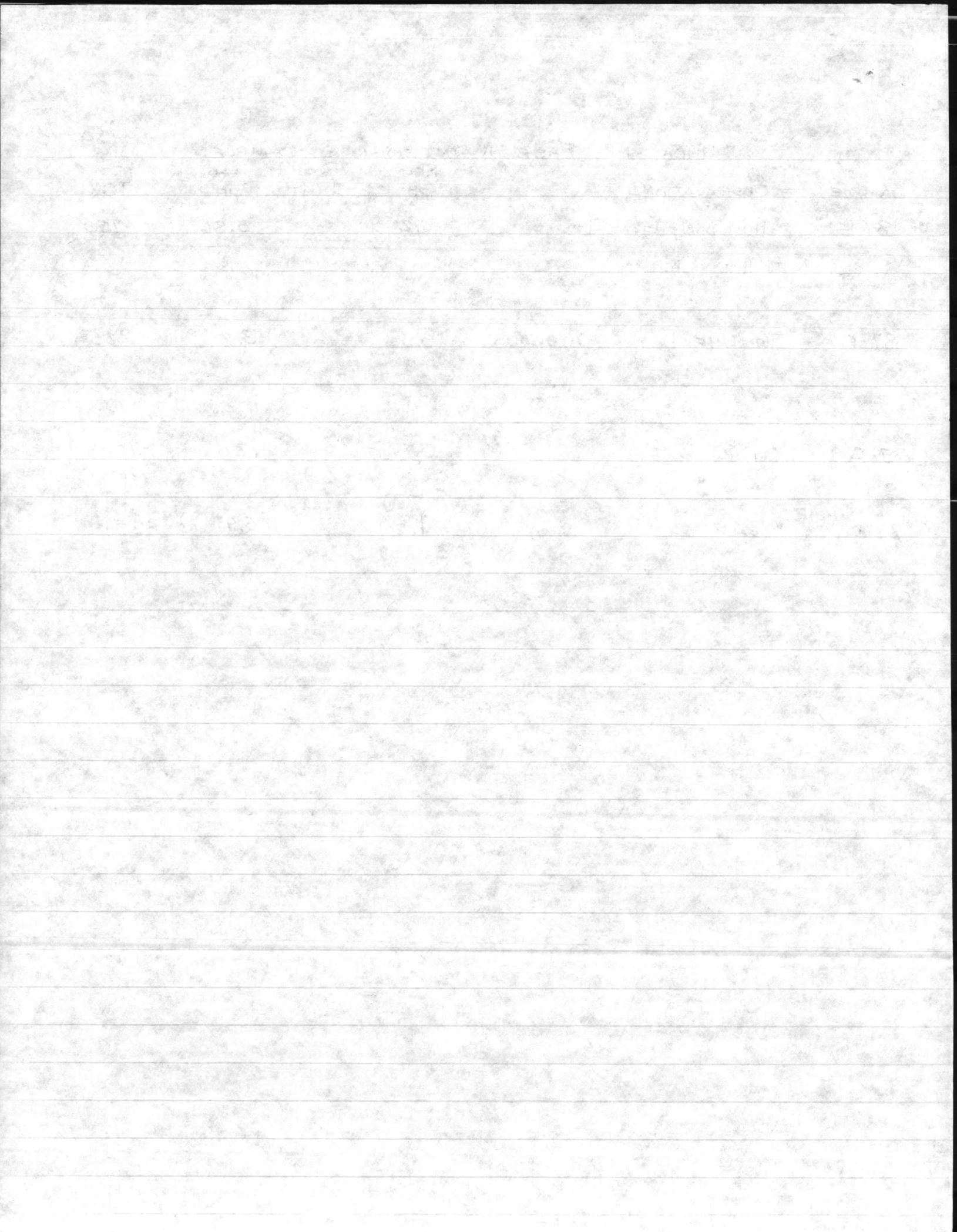
µg/L (EXCEPT Hg)

	As	Ba	Cd	Cr	Pb	Hg	Se	SILVER Ag
87-01 TOP	<2700	<760	<1500	<640	<2340	0.3 mg/kg	<8600	<8920
BOTTOM	<1000	1930	260	540	990	5.3 µg/L	<1000	<100
87-02	<2700	<760	<1500 <1500	<640	<2340	2.0 µg/L	<8600	<8920
87-03	<2700	<760	<1500	<640	<2340	<2.0 µg/L	<8600	<8920
87-04 (SOLID)						0.14 mg/kg		
87-05 BOTTOM TOP-TOP	<2700	1850	<1500	<640	<2340	<0.1 mg/kg	<860	<8920
BOTTOM BOTTOM	<500	750	<25	3,010	<250	<2.0 µg/L	3640	<50
87-06	<1000	<500	80	7,960	1750	NO SAMPLE	4970	<100
87-07	<500	<250	55	11,500	1,210	<2.0 µg/L	6480	75
87-08	<2700	1,980	12,400	1,080	<2340	<0.1 mg/kg	<860	<8920
87-09	<1000	<250	50	<1,760	720	<2.0 µg/L	3,620	<100
87-10	<2700	3740	<1500	<640	<2340	<0.1 mg/kg	<860	<8920
87-11	<2700	<760	<1500	<640	<2340	<0.1 mg/kg	<860	<8920
87-12	<2700	10,800	1,810	<640	<2340	0.1 mg/kg	<860	<8920
87-13	<2700	<760	<1500	<640	<2340	2.7 µg/L	<860	<8920
87-14	6830	<250	<25	3940 mg/L	<250	<0.1 mg/kg	<570	<50
87-15	<500	2590	1,110	310	355	<0.1 mg/kg	2570	<50
87-16	<500	<250	<25	135	<250	4.0 µg/L	1,120	<50
87-17	NO RESULTS							
87-18	YET							
87-20	NO RESULTS YET							



MCAS-NR BASE MAINTENANCE SAMPLES

SAMPLE	OBSERVATIONS	FIELD PH	FLASH POINT	LAB PH	TOX
87-A	NO ODOR, GRAY DRUM RUSTY TOP	6.2		5.86	<750
87-B	TWO LAYERS AQUEOUS	3.3		3.3	<825
87-C	CLEAR	5.7		4.56	<750
87-D	CLEAR	4.6		5.9	<825



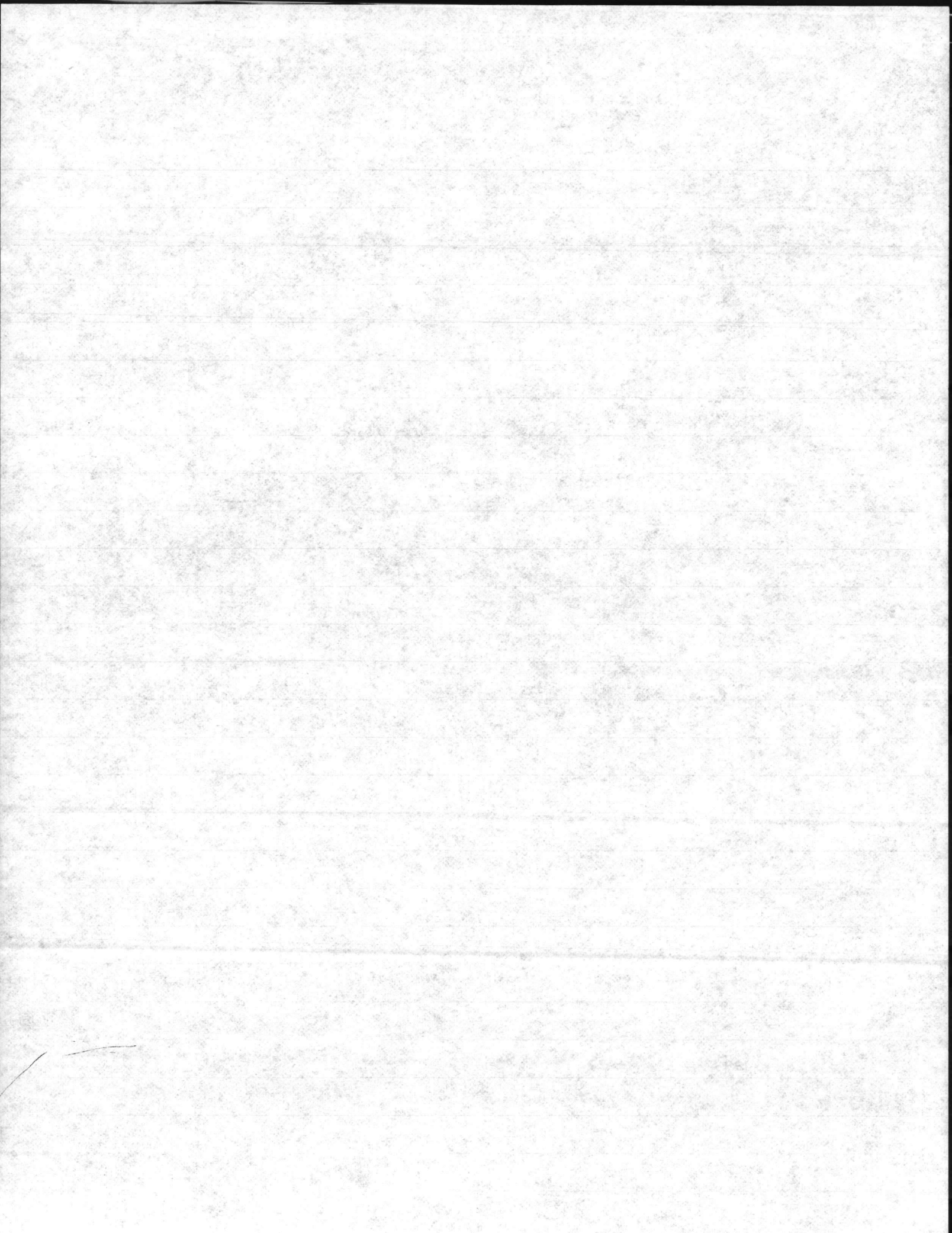
J. I. MOSE

COPY TO:

DRMO

BLIND COPY TO:

ECMS (2 COPIES)



6240/1

6240/1
NREAD

FROM: CG, MCB, CL

TO: CO, MCAS, NEW RIVER, JACKSONVILLE, NC 28545-5001

SUBJ: ANALYSIS OF HAZARDOUS MATERIALS; RESULTS OF

REF: (a) CO MCAS LTR 6280 GSO OF 17 OCT 1986

- ENCL: (1) JTC ENVIRONMENTAL CONSULTANTS, INC REPORT No. 539 TABLES 1, 2, 4 + 5
- (2) TABLE OF SAMPLE NUMBERS AND EPD HAZARDOUS WASTES NUMBERS.

1. AS REQUESTED IN REFERENCE (a), SAMPLES WERE TAKEN OF THE 18 CONTAINERS OF UNIDENTIFIED^{ed} MATERIALS FROM MARINE AIRCRAFT GROUP 26 AND MARINE AIRCRAFT GROUP 29. THE SAMPLES WERE NUMBERED 87-01 THROUGH 87-18, AND THE CONTAINERS WERE MARKED ACCORDINGLY.
2. BASED ON DATA CONTAINED IN ENCLOSURE (1), THE CORRESPONDING EPA HAZARDOUS WASTE NUMBER(S) HAVE BEEN LISTED FOR EACH SAMPLE NUMBER IN ENCLOSURE (2). IT IS RECOMMENDED THAT THE CONTAINERS BE TURNED INTO DRMO FOR DISPOSAL USING THE DESIGNATED EPA WASTE NUMBERS.
3. THE ANALYSIS OF SAMPLES 87-04, 87-17 and 87-18 IS INCOMPLETE ~~AND THEREFORE~~ ^{and} DISPOSAL RECOMMENDATIONS CANNOT BE PROVIDED AT THIS TIME. POC is E Bely

190.

190

1900

1900

JTC DATA REPORT # 87-474
LABORATORY ANALYSIS ON NAVAL SAMPLES
CONTRACT #N62470-86-C-8754
CASE # 139
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

DECEMBER 16, 1987

Ann E. Rosecrance

Ann E. Rosecrance
Laboratory Director



Location: Camp Lejeune Date of Receipt: 9-25-87 Turnaround: routine
 Date: 12-16-87 Case No. 139 to Naval Facilities Engineering Command, Norfolk, Virginia
 JTC Data Report No. 87-474 Table 1 of 2

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER						
		TOX %	Reactivity		Total Solids %	Corrosivity pH		
			Cyanide mg/kg	Sulfide mg/kg				
87-04	61-0992		<10	<10	65.3			
87-84	61-0993	<0.05	<10	<10		7		
87-37	61-0994	<0.05	<10	<10				
87-38	61-0995	<0.05	<10	<10				
87-39	61-0996	<0.05	<10	<10				
87-41	61-0997	<0.05	<10	<10				
87-44	61-0998	<0.05	<10	<10				
87-45	61-0999	<0.05	<10	<10				
87-46	61-1000	<0.05	<10	<10				
87-47	61-1001	<0.05	<10	<10				

