

FILE FOLDER

DESCRIPTION ON TAB:

PCB Analysis 1984

- Outside/inside of actual folder did not contain hand written information**
- Outside/inside of actual folder did contain hand written information**
***Scanned as next image**



Industrial & Environmental Analysts, Inc.

P.O. Box 12846 • Research Triangle Park, NC 27709 • 919-467-9919

August 18, 1986

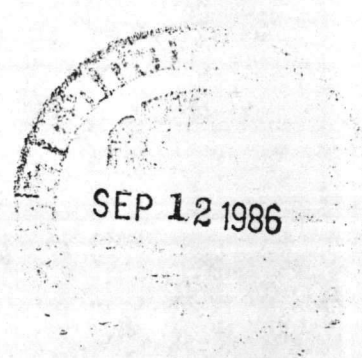
Contracting Division
P.O. Box 8368, MCB
Camp Lejeune, NC 28542-8368

Attn: Seargent Dingle

Reference: IEA Report No. 231-18

Dear Sgt. Dingle:

Transmitted herewith are the results of analyses on a single sample submitted to our laboratory on August 14, 1986.



		Bldg. MCBCL <u>1636</u>	Doorway MCBCL <u>1637</u>
Total PCB	mg/kg	< 1.0	< 1.0

Very truly yours,

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.

Joseph B. Adamovic
Joseph B. Adamovic
Senior Chemist

JBA/sme



Faint, illegible text or markings across the middle of the page.

1933
DORRIS RICHIE



Industrial & Environmental Analysts, Inc.

P.O. Box 12846 • Research Triangle Park, NC 27709 • 919-467-9919

October 1, 1986

Elizabeth Betz
Quality Control Lab
Building 1103
Camp Lejeune, NC 28542

Reference: IEA Report No. 304-11

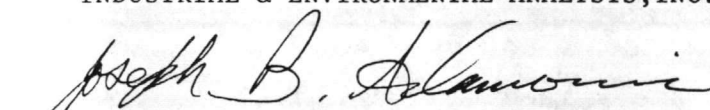
Dear Ms. Betz:

Transmitted herewith are the results of analyses on three samples submitted to our laboratory on September 25, 1986.

		1686 Oil	1685 Oil	1685 Water
Total PCB	mg/Kg	5.6	<1.0	<0.5

Very truly yours,

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.


Joseph B. Adamovic
Senior Chemist

JBA/jcl

REVISED

1951

1001

1001

110

110

110

110

110

October 3, 1986
IEA Report No. 304-9

	Aroclor 1242 µg/g	Aroclor 1254 µg/g	Aroclor 1260 µg/g	Total Aroclors µg/g
1635			480,000	480,000
1638		15		15
1639		9	8	17
1640			11	11
1641		7	11	18
1642				<1.0
1643				<1.0
1644			520	520
1645				<1.0
1646				<1.0
1647	1.9			1.9
1648			1.4	1.4
1649			1.2	1.2
1650			140	140
1651		2.8		2.8
1652		8	10	18
1653			37	37
1654				<1.0
1655				<1.0
1656				<1.0
1657				<1.0
1658			200	200
1659				<1.0
1660				<1.0
1661			6.9	6.9
1662				<1.0
1663			16	16
1664			4.6	4.6

Total Available
1981

1982

1983

1984

1985

1986

1987

1988

1989

1990

1991

1992

1993

1994

1995

1996

1997

1998

1999

2000

2001

2002

2003

2004

2005

October 3, 1986
IEA Report No. 304-9

	Aroclor 1242 µg/g	Aroclor 1254 µg/g	Aroclor 1260 µg/g	Total Aroclors µg/g
1665				<1.0
1666				<1.0
1667			30	30
1668				<1.0
1669	2200			2200
1670				<1.0
1671				<1.0
1672				<1.0
1673				<1.0
1674			2.2	2.2
1675		260		260
1676			2.6	2.6
1677				<1.0
1678			540	540
1679			1.8	1.8
1680			2.1	2.1
1681		1.1		1.1
1682				<1.0
1683			2.7	2.7
1684		15	13	28

1951

1951

1951

1951

1951

1951

1951



Industrial & Environmental Analysts, Inc.

P.O. Box 12846 • Research Triangle Park, NC 27709 • 919-467-9919

October 3, 1986

Elizabeth Betz
Quality Control Lab
Building 1103
Camp Lejeune, NC 28542

Reference: IEA Report No. 304-9

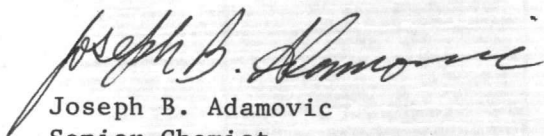
Dear Ms. Betz:

Transmitted herewith are the results of analyses on forty-eight samples submitted to our laboratory on September 18, 1986.

Please see the enclosed report for your results.

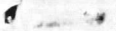
Very truly yours,

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.

A handwritten signature in cursive script that reads "Joseph B. Adamovic".

Joseph B. Adamovic
Senior Chemist

JBA/jc1



October 3, 1986
IEA Report No. 304-9

	Aroclor 1242 µg/g	Aroclor 1254 µg/g	Aroclor 1260 µg/g	Total Aroclors µg/g
1635			480,000	480,000
1638		15		15
1639		9	8	17
1640			11	11
1641		7	11	18
1642				<1.0
1643				<1.0
1644			520	520
1645				<1.0
1646				<1.0
1647	1.9			1.9
1648			1.4	1.4
1649			1.2	1.2
1650			140	140
1651		2.8		2.8
1652		8	10	18
1653			37	37
1654				<1.0
1655				<1.0
1656				<1.0
1657				<1.0
1658			200	200
1659				<1.0
1660				<1.0
1661			6.9	6.9
1662				<1.0
1663			16	16
1664			4.6	4.6



✓ . . .

10/20/19

October 3, 1986
IEA Report No. 304-9

	Aroclor 1242 µg/g	Aroclor 1254 µg/g	Aroclor 1260 µg/g	Total Aroclors µg/g
1665				<1.0
1666				<1.0
1667			30	30
1668				<1.0
1669	2200			2200
1670				<1.0
1671				<1.0
1672				<1.0
1673				<1.0
1674			2.2	2.2
1675		260		260
1676			2.6	2.6
1677				<1.0
1678			540	540
1679			1.8	1.8
1680			2.1	2.1
1681		1.1		1.1
1682				<1.0
1683			2.7	2.7
1684		15	13	28



1-1-1

SECRET

TOP SECRET





Industrial & Environmental Analysts, Inc.

P.O. Box 12846 • Research Triangle Park, NC 27709 • 919-467-9919

October 1, 1986

Elizabeth Betz
Quality Control Lab
Building 1103
Camp Lejeune, NC 28542

Reference: IEA Report No. 304-11

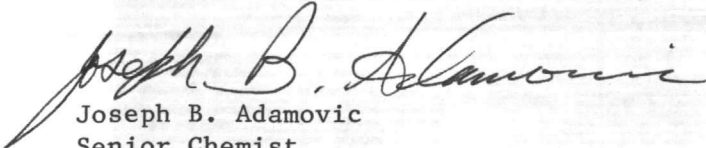
Dear Ms. Betz:

Transmitted herewith are the results of analyses on three samples submitted to our laboratory on September 25, 1986.

		1686 Oil	1685 Oil	1685 Water
Total PCB	mg/Kg	5.6	<1.0	<0.5

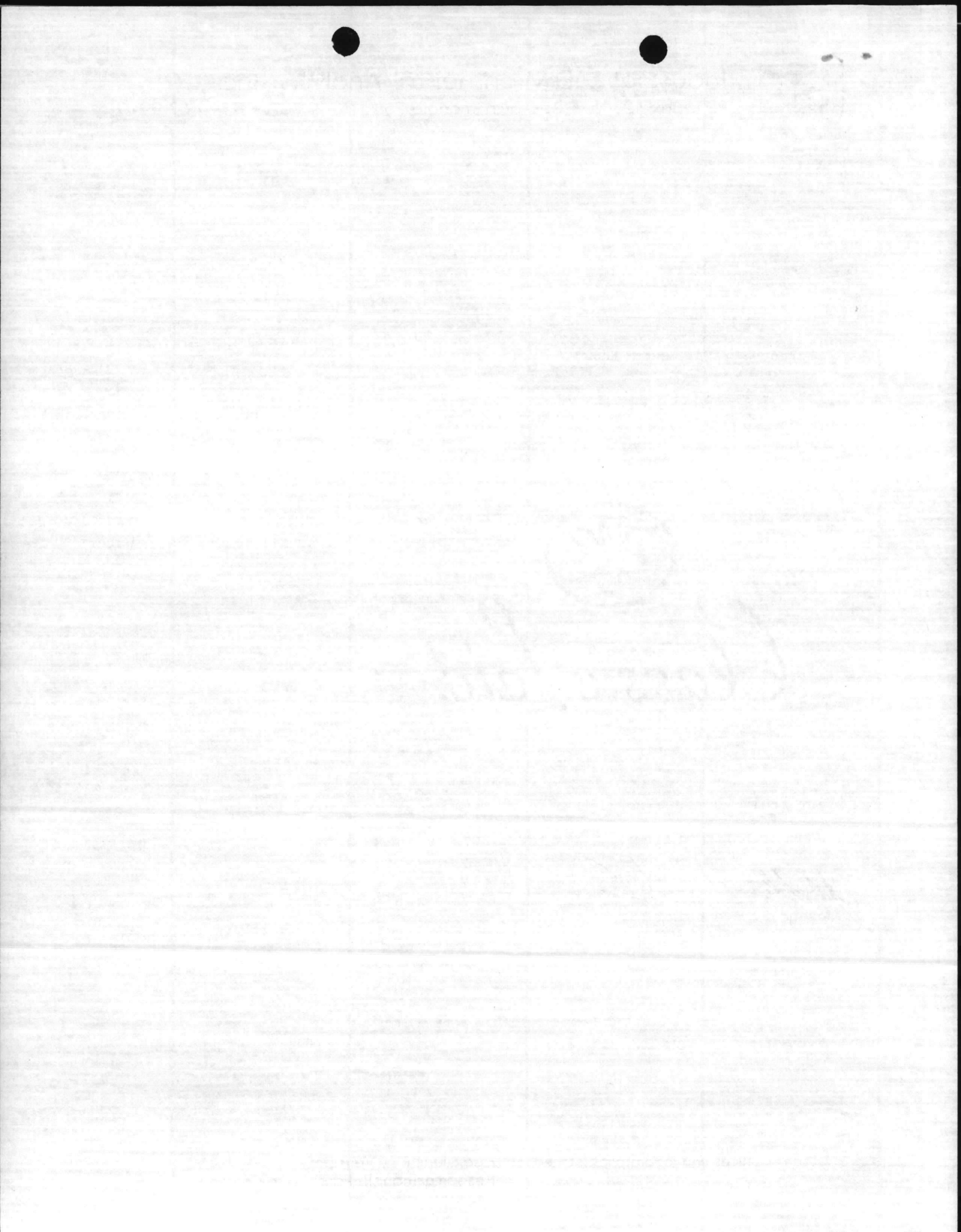
Very truly yours,

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.


Joseph B. Adamovic
Senior Chemist

JBA/jcl

Offices and laboratories located in: Essex Junction, Vermont
Research Triangle Park, North Carolina





Industrial & Environmental Analysts, Inc.

P.O. Box 12846 • Research Triangle Park, NC 27709 • 919-467-9919

August 18, 1986

Contracting Division
P.O. Box 8368, MCB
Camp Lejeune, NC 28542-8368

Attn: Seargent Dingle

Reference: IEA Report No. 231-18

Dear Sgt. Dingle:

Transmitted herewith are the results of analyses on a single sample submitted to our laboratory on August 14, 1986.



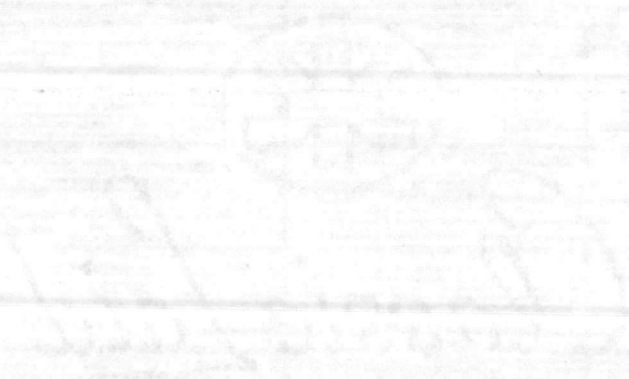
		Bldg. MCBCL <u>1636</u>	Doorway MCBCL <u>1637</u>
Total PCB	mg/kg	< 1.0	< 1.0

Very truly yours,

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.

Joseph B. Adamovic
Joseph B. Adamovic
Senior Chemist

JBA/sme



Tom.

6241/3
NREAD(L)
4 Nov 86

From: Director, Natural Resources and Environmental Affairs
Division, Marine Corps Base, Camp Lejeune
To: Base Maintenance Officer, Marine Corps Base, Camp Lejeune
Subj: TRANSFORMER OIL DISPOSAL; POLYCHLORINATED BIPHENYL (PCB)
ANALYSIS RESULTS

Ref: (a) BO6240.5

Encl: (1) IEA Report No. 304-9 dtd 3 Oct 1986
(2) Transformer Oil Sample List

1. Enclosures (1) and (2) are provided for use in turn-in of used transformer oil to Defense Reutilization and Marketing Office, (DRMO). Enclosure (2) relates the sample number to the serial number. Sample number is also on the transformer.
2. The results indicate that three of the transformers stored at Lot 140 have over 500 parts per million (ppm) PCB's and are "PCB Transformers." Three transformers had 50 to 499 ppm of PCB'S which requires management as "PCB contaminated transformers." These 6 transformers should be turned in to DRMO per the reference and stored at the TP-451 DRMO facility.
3. The remaining transformers should be turned in to DRMO and stored at Lot 203.

J. I. WOOTEN

Copy to:
DRMO (w/o Encls)

Blind copy to:
Lab (2)

1944
1945
1946

1947
1948
1949

1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960

1961
1962
1963
1964
1965
1966
1967
1968
1969
1970

1971
1972
1973
1974
1975
1976
1977
1978
1979
1980

1981
1982
1983
1984
1985
1986
1987
1988
1989
1990

7

October 3, 1986
IEA Report No. 304-9

	Aroclor 1242 µg/g	Aroclor 1254 µg/g	Aroclor 1260 µg/g	Total Aroclors µg/g
1635			480,000	480,000
1638		15		15
1639		9	8	17
1640			11	11
1641		7	11	18
1642				<1.0
1643				<1.0
1644			520	520
1645				<1.0
1646				<1.0
1647	1.9			1.9
1648			1.4	1.4
1649			1.2	1.2
1650			140	140
1651		2.8		2.8
1652		8	10	18
1653			37	37
1654				<1.0
1655				<1.0
1656				<1.0
1657				<1.0
1658			200	200
1659				<1.0
1660				<1.0
1661			6.9	6.9
1662				<1.0
1663			16	16
1664			4.6	4.6

Total Available

480.000

15

17

19

21

23

25

27

29

31

33

35

37

39

41

43

45

47

49

51

53

55

57

59

61

63

65

67

69

71

73

75

77

79

October 3, 1986
IEA Report No. 304-9

	Aroclor 1242 µg/g	Aroclor 1254 µg/g	Aroclor 1260 µg/g	Total Aroclors µg/g
1665				<1.0
1666				<1.0
1667			30	30
1668				<1.0
1669	2200			2200
1670				<1.0
1671				<1.0
1672				<1.0
1673				<1.0
1674			2.2	2.2
1675		260		260
1676			2.6	2.6
1677				<1.0
1678			540	540
1679			1.8	1.8
1680			2.1	2.1
1681		1.1		1.1
1682				<1.0
1683			2.7	2.7
1684		15	13	28

STANDARD FORM NO. 64

NAME

0.00

0.10

0.20

0.30

0.40

0.50

0.60

0.70

0.80

0.90

1.00

1.10

1.20

1.30

1.40

1.50

1.60

1.70

1.80

1.90

2.00

2.10

2.20

2.30

2.40

2.50

2.60

2.70

2.80

2.90

3.00

3.10

3.20

3.30

3.40

3.50

3.60

3.70

3.80

TRANSFORMER OIL SAMPLES

SAMPLE NUMBER	SERIAL NUMBER	BRAND	KVA	CAPACITY	SAMPLER	DATE
1635	251978	AC		11 GALLONS	ISLAND + BETZ	JULY 1986
1636	Z LEAK AT CAMP JOHNSON - LIQUID IN DOORWAY				BETZ	13 AUG 1986
1637	LIQUID IN BLDG				BARBEE	13 AUG 1986
1638	3004017	W	15		Betz	8 SEP 86
1639	3004009	W	15			
1640	1834572	AC	37.5			
1641	1834574	AC	37.5			
1642	1832558	AC	37.5			
1643	1797684	AC	37.5			
1644	6961550	GE	37.5			
1645	L727479Y74AA	GE	75			
1646	35978-4075	HOWARD	50			
1647	6917445	ESCO	25			
1648	6631972	ESCO	15			
1649	86733	MARCUS	37.5			
1650	60731	MARCUS	?			
1651	86732	MARCUS	37.5			
1652	1834573	AC	37.5			
1653	3851731	W	15			
1654	125198604	GE	15			
1655	6396899	W	15			
1134 1656	M17134	DS	10			✓
1657	M827192YERA	GE	37.5			✓

BRANDS: Westinghouse(W), General Electric(GE), Standard(S), Kuhlman(K)
Delta Star(DS), Allis-Chalmers(AC), Line Material(LM)

LABORATORY REPORT

DATE	SAMPLE NUMBER	CATEGORY	KVA	BRAND	REMARKS
1-1-1980	101	...	...	...	...
1-1-1980	102	...	...	...	...
1-1-1980	103	...	...	...	...
1-1-1980	104	...	...	...	...
1-1-1980	105	...	...	...	...
1-1-1980	106	...	...	...	...
1-1-1980	107	...	...	...	...
1-1-1980	108	...	...	...	...
1-1-1980	109	...	...	...	...
1-1-1980	110	...	...	...	...
1-1-1980	111	...	...	...	...
1-1-1980	112	...	...	...	...
1-1-1980	113	...	...	...	...
1-1-1980	114	...	...	...	...
1-1-1980	115	...	...	...	...
1-1-1980	116	...	...	...	...
1-1-1980	117	...	...	...	...
1-1-1980	118	...	...	...	...
1-1-1980	119	...	...	...	...
1-1-1980	120	...	...	...	...
1-1-1980	121	...	...	...	...
1-1-1980	122	...	...	...	...
1-1-1980	123	...	...	...	...
1-1-1980	124	...	...	...	...
1-1-1980	125	...	...	...	...
1-1-1980	126	...	...	...	...
1-1-1980	127	...	...	...	...
1-1-1980	128	...	...	...	...
1-1-1980	129	...	...	...	...
1-1-1980	130	...	...	...	...
1-1-1980	131	...	...	...	...
1-1-1980	132	...	...	...	...
1-1-1980	133	...	...	...	...
1-1-1980	134	...	...	...	...
1-1-1980	135	...	...	...	...
1-1-1980	136	...	...	...	...
1-1-1980	137	...	...	...	...
1-1-1980	138	...	...	...	...
1-1-1980	139	...	...	...	...
1-1-1980	140	...	...	...	...
1-1-1980	141	...	...	...	...
1-1-1980	142	...	...	...	...
1-1-1980	143	...	...	...	...
1-1-1980	144	...	...	...	...
1-1-1980	145	...	...	...	...
1-1-1980	146	...	...	...	...
1-1-1980	147	...	...	...	...
1-1-1980	148	...	...	...	...
1-1-1980	149	...	...	...	...
1-1-1980	150	...	...	...	...

Checked by: [Name] (K) Date: [Date] (K)
 Approved by: [Name] (K) Date: [Date] (K)

TRANSFORMER OIL SAMPLES

SAMPLE NUMBER	SERIAL NUMBER	BRAND	KVA	CAPACITY	SAMPLER	DATE
1658	6398907 2413498	W	15		Beal	3 SEP 86
1659	D904108-59Y	GE	50			
1660	R100710	DS	50			
1661	4811363	ESCO	25			
1662	4811362	ESCO	25			
1663	6607475	GE	45			
1664	3370214	AC	75 84			
1665 1665	66AA1873	W	75			
1666	83A250243	W	37.5			
1667	57F22694	W	10			
1668	81A342336	W	50			
1669	77V8060	VANTRAM	15			
1670	N14861	DS	15			
1671	1341769	LM	25			
1672	1349266	LM	25			
1673	1349289	LM	25			
1674	6424527	W	10			
1675	65K9202	W	5			
1676	D-1242-A	FISLER ENC CO	15			
1677	M827188YERA	GE	37.5			
1678	6968586	GE	5			
1679	6424534	W	10			
1680	6424531	W	10		V	V

BRANDS: Westinghouse(W), General Electric(GE), Standard(S), Kuhlman(K)
Delta Star(DS), Allis-Chalmers(AC), Line Material(LM)

DATE	SAMPLER	CAPACITY	DEPTH - KVA	DEPTH - FEET
2 Sep 51			10	10
			20	20
			30	30
			40	40
			50	50
			60	60
			70	70
			80	80
			90	90
			100	100
			110	110
			120	120
			130	130
			140	140
			150	150
			160	160
			170	170
			180	180
			190	190
			200	200
			210	210
			220	220
			230	230
			240	240
			250	250
			260	260
			270	270
			280	280
			290	290
			300	300
			310	310
			320	320
			330	330
			340	340
			350	350
			360	360
			370	370
			380	380
			390	390
			400	400
			410	410
			420	420
			430	430
			440	440
			450	450
			460	460
			470	470
			480	480
			490	490
			500	500

U.S. Geological Survey, Washington, D.C. (10-5886) (Rev. 1-25-50)



Industrial & Environmental Analysts, Inc.

P.O. Box 12846 • Research Triangle Park, NC 27709 • 919-467-9919

August 18, 1986

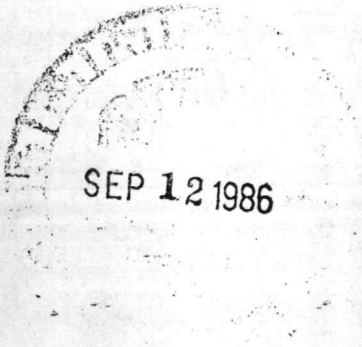
Contracting Division
P.O. Box 8368, MCB
Camp Lejeune, NC 28542-8368

Attn: Seargent Dingle

Reference: IEA Report No. 231-18

Dear Sgt. Dingle:

Transmitted herewith are the results of analyses on a single sample submitted to our laboratory on August 14, 1986.



PCB
FILES

	MCBCL <u>36</u>	Doorway MCBCL <u>1637</u>
Total PCB	< 1.0	< 1.0

Very truly yours,

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.

Joseph B. Adamovic
Joseph B. Adamovic
Senior Chemist

JBA/sme

Handwritten marks or scribbles in the top right corner.

Blde. NCBCI
1987

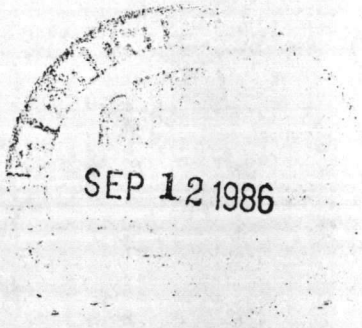


Industrial & Environmental Analysts, Inc.

P.O. Box 12846 • Research Triangle Park, NC 27709 • 919-467-9919

August 18, 1986

Contracting Division
P.O. Box 8368, MCB
Camp Lejeune, NC 28542-8368



Attn: Seargent Dingle

Reference: IEA Report No. 231-18

Dear Sgt. Dingle:

Transmitted herewith are the results of analyses on a single sample submitted to our laboratory on August 14, 1986.

		Bldg. MCBCL <u>1636</u>	Doorway MCBCL <u>1637</u>
Total PCB	mg/kg	< 1.0	< 1.0

Very truly yours,

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.

Joseph B. Adamovic
Joseph B. Adamovic
Senior Chemist

JBA/sme

CONFIDENTIAL

SECRET

CONFIDENTIAL

SECRET

CONFIDENTIAL

CONFIDENTIAL



Industrial & Environmental Analysts, Inc.

P.O. Box 12846 • Research Triangle Park, NC 27709 • 919-467-9919

October 1, 1986

Elizabeth Betz
Quality Control Lab
Building 1103
Camp Lejeune, NC 28542

Reference: IEA Report No. 304-11

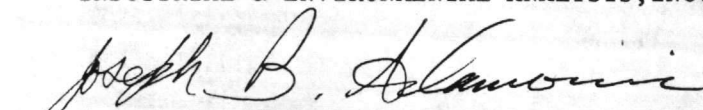
Dear Ms. Betz:

Transmitted herewith are the results of analyses on three samples submitted to our laboratory on September 25, 1986.

		1686	1685	1685
		Oil	Oil	Water
Total PCB	mg/Kg	5.6	<1.0	<0.5

Very truly yours,

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.


Joseph B. Adamovic
Senior Chemist

JBA/jcl

DATE: 25/10/2010
PAGE: 10

18/11
19/11
20/11

18/11
19/11
20/11

October 3, 1986
IEA Report No. 304-9

	Aroclor 1242 µg/g	Aroclor 1254 µg/g	Aroclor 1260 µg/g	Total Aroclors µg/g
1635			480,000	480,000
1638		15		15
1639		9	8	17
1640			11	11
1641		7	11	18
1642				<1.0
1643				<1.0
1644			520	520
1645				<1.0
1646				<1.0
1647	1.9			1.9
1648			1.4	1.4
1649			1.2	1.2
1650			140	140
1651		2.8		2.8
1652		8	10	18
1653			37	37
1654				<1.0
1655				<1.0
1656				<1.0
1657				<1.0
1658			200	200
1659				<1.0
1660				<1.0
1661			6.9	6.9
1662				<1.0
1663			16	16
1664			4.6	4.6

1941
1942

1943

1944

1945

1946

1947

1948

1949

1950

1951

1952

1953

1954

1955

1956

1957

1958

1959

1960

1961

1962

1963

1964

1965

1966

1967

1968

October 3, 1986
IEA Report No. 304-9

	Aroclor 1242 µg/g	Aroclor 1254 µg/g	Aroclor 1260 µg/g	Total Aroclors µg/g
1665				<1.0
1666				<1.0
1667			30	30
1668				<1.0
1669	2200			2200
1670				<1.0
1671				<1.0
1672				<1.0
1673				<1.0
1674			2.2	2.2
1675		260		260
1676			2.6	2.6
1677				<1.0
1678			540	540
1679			1.8	1.8
1680			2.1	2.1
1681		1.1		1.1
1682				<1.0
1683			2.7	2.7
1684		15	13	28



1967

1968

1969

1970

1971

1972

1973

1974

1975

1976

1977

1978

1979

1980

1981

1982

1983

1984

1985

1986

1987

1988

1989

1990

1991

1992

1993

1994

TRANSFORMER OIL SAMPLES

SAMPLE NUMBER	SERIAL NUMBER	BRAND	KVA	CAPACITY	SAMPLER	DATE
1635	251978	AC		11 GALLONS	IRELAND + BETZ	JULY 1986
1636	2 LEAK AT CAMP	JOHNSON			BETZ	13 AUG 1986
1637	LIQUID IN BLDG				BARBEE	13 AUG 1986
1638	3004017	W	15		BETZ-IRELAND	8 SEP 86
1639	3004009	W	15			
1640	1834572	AC	37.5			
1641	1834574	AC	37.5			
1642	1832558	AC	37.5			
1643	1797684	AC	37.5			
1644	6961550	GE	37.5			
1645	L727479Y74AA	GE	75			
1646	35978-4075	HOWARD	50			
1647	6917445	ESCO	25			
1648	6231972	ESCO	15			
1649	86733	MARCUS	37.5			
1650	60731	MARCUS	?			
1651	86732	MARCUS	37.5			
1652	1834573	AC	37.5			
1653	3851731	W	15			
1654	125198604	GE	15			
1655	6396899	W	15			
7134 1656	107134	DS	10			
1657	M827192YERA	GE	37.5			

BRANDS: Westinghouse(W), General Electric(GE), Standard(S), Kuhlman(K)
Delta Star(DS), Allis-Chalmers(AC), Line Material(LM)

CIVIL ENGINEERING

DATE	SAMPLER	DEPTH	NO. OF SAMPLES	TESTS	REMARKS
12/15/83
12/16/83
12/17/83
12/18/83

Prepared by: ...
 Checked by: ...
 Date: ...

TRANSFORMER OIL SAMPLES

SAMPLE NUMBER	SERIAL NUMBER	BRAND	KVA	CAPACITY	SAMPLER	DATE
1658	6398907 2403498	W	15		Boz	3 SEP 86
1659	D904108-59Y	GE	50			
1660	R100710	DS	50			
1661	4811363	ESCO	25			
1662	4811362	ESCO	25			
1663	6607475	GE	45			
1664	3370214	AC	75 84			
1665 1665	66AA1873	W	75			
1666	83A050243	W	37.5			
1667	57F22696	W	10			
1668	81A342336	W	50			
1669	77V8060	VANTRAN	15			
1670	N14861	DS	15			
1671	1341169	LM	25			
1672	1349266	LM	25			
1673	1349289	LM	25			
1674	6424527	W	10			
1675	65K9202	W	5			
1676	D-1242-A	FISLER ENG CO	15			
1677	M827188YERA	GE	37.5			
1678	6968586	GE	5			
1679	6424534	W	10			
1680	6424531	W	10			

BRANDS: Westinghouse(W), General Electric(GE), Standard(S), Kuhlman(K)
Delta Star(DS), Allis-Chalmers(AC), Line Material(LM)

TRANSFORMER OIL SAMPLES

SAMPLE NUMBER	SERIAL NUMBER	BRAND	KVA	CAPACITY	SAMPLER	DATE
1681	101278	S	5		Betz	3 SEP 86
1682	125098-604	GE	10			↓
1683	101267	S	5			↓
1684	1833734	AC	10			↓
168 5	POND @ BLDG	45			Betz + BARBEE	23 SEP 86
^{TOP} → 1686	442 7912	WESTHOUSE	25		↓	↓
1687						

BRANDS: Westinghouse(W), General Electric(GE), Standard(S), Kuhlman(K)
 Delta Star(DS), Allis-Chalmers(AC), Line Material(LM)

1111

DATE	SAMPLE	TEST	RESULT	REMARKS	

TRANSFORMER OIL SAMPLES

SAMPLE NUMBER	SERIAL NUMBER	BRAND	KVA	CAPACITY	SAMPLER	DATE
1681	101278	S	5		Betz	3 SEP 86
1682	125098-604	GE	10			↓
1683	101267	S	5			↓
1684	1833734	AC	10			↓
1685	POND @ BLDG	45			Betz + BARBEE	23 SEP 86
STOP → 1686	442 7912 PANT ACCT 67001-	WESTHOUSE	25		↓	↓
1687	179507	LATH				5 JAN 87

BRANDS: Westinghouse(W), General Electric(GE), Standard(S), Kuhlman(K)
Delta Star(DS), Allis-Chalmers(AC), Line Material(LM)

11



Tom

6241/3
NREAD(L)
4 Nov 86

From: Director, Natural Resources and Environmental Affairs
Division, Marine Corps Base, Camp Lejeune
To: Base Maintenance Officer, Marine Corps Base, Camp Lejeune
Subj: TRANSFORMER OIL DISPOSAL; POLYCHLORINATED BIPHENYL (PCB)
ANALYSIS RESULTS


Ref: (a) BO6240.5

- Encl: (1) IEA Report No. 231-18 dtd 18 Aug 1986
- (2) IEA Report No. 304-11 dtd 1 Oct 1986
- (3) IEA Report No. 304-9 dtd 3 Oct 1986
- (4) Transformer Oil Sample List

1. Enclosure (1) provides the PCB analysis of the liquid on the floor of the transformer vault at Camp Johnson. Enclosure (2) provides the PCB analysis of the oil and water in the pond located behind Bldg. 45. Enclosure (2) also provides the PCB analysis of the transformer that was leaking on 23 Sep 1986 behind Bldg. 905. Enclosure (3) also contains the PCB analysis of the Transformer located in the transformer vault at the High School. Enclosure (4) relates the sample number to the serial number or sample point.

2. Point of contact in this matter is Elizabeth Betz, extension 5977.

J. I. WOOTEN

Blind copy to:
 Lab (2)

1947
1948
1949

Director, Bureau of Reclamation
Washington, D.C.
Dear Sir:

Reference is made to your letter of 1/15/49, and the
enclosed report of the Colorado River Commission
dated 1/15/49.

The Colorado River Commission report is being
forwarded to the Bureau of Reclamation for
information and for the Bureau's consideration
of the report.

Very truly yours,
Director

U.S. GOVERNMENT PRINTING OFFICE

100
↑



Industrial & Environmental Analysts, Inc.

P.O. Box 12846 • Research Triangle Park, NC 27709 • 919-467-9919

August 18, 1986

Contracting Division
P.O. Box 8368, MCB
Camp Lejeune, NC 28542-8368

SEP 12 1986

Attn: Seargent Dingle

Reference: IEA Report No. 231-18

Dear Sgt. Dingle:

Transmitted herewith are the results of analyses on a single sample submitted to our laboratory on August 14, 1986.

		Bldg. MCBCL <u>1636</u>	Doorway MCBCL <u>1637</u>
Total PCB	mg/kg	< 1.0	< 1.0

Very truly yours,

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.

Joseph B. Adamovic
Joseph B. Adamovic
Senior Chemist

JBA/sme

Environmental Analysis, Inc.
10000 ...

SEP 15 1988

10000 ...
10000 ...

Environmental Analysis, Inc.

Environmental Analysis, Inc.
10000 ...



Industrial & Environmental Analysts, Inc.
 P.O. Box 12846 • Research Triangle Park, NC 27709 • 919-467-9919

October 1, 1986

Elizabeth Betz
 Quality Control Lab
 Building 1103
 Camp Lejeune, NC 28542

Reference: IEA Report No. 304-11

Dear Ms. Betz:

Transmitted herewith are the results of analyses on three samples submitted to our laboratory on September 25, 1986.

		1686 Oil	1685 Oil	1685 Water
Total PCB	mg/Kg	5.6	<1.0	<0.5

Very truly yours,

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.

Joseph B. Adamovic
 Joseph B. Adamovic
 Senior Chemist

JBA/jcl

basalindue

1983	1983	1983
Water	Oil	Oil
0.0	0.1	0.1

Environmental Analysis, Inc.

October 3, 1986
IEA Report No. 304-9

	Aroclor 1242 µg/g	Aroclor 1254 µg/g	Aroclor 1260 µg/g	Total Aroclors µg/g
1635			480,000	480,000
1638		15		15
1639		9	8	17
1640			11	11
1641		7	11	18
1642				<1.0
1643				<1.0
1644			520	520
1645				<1.0
1646				<1.0
1647	1.9			1.9
1648			1.4	1.4
1649			1.2	1.2
1650			140	140
1651		2.8		2.8
1652		8	10	18
1653			37	37
1654				<1.0
1655				<1.0
1656				<1.0
1657				<1.0
1658			200	200
1659				<1.0
1660				<1.0
1661			6.9	6.9
1662				<1.0
1663			16	16
1664			4.6	4.6

Local Avocados 1950

1950

1950

1950

1950

1950

1950

1950

1950

1950

1950

1950

1950

1950

1950

1950

1950

1950

1950

1950

1950

1950

1950

1950

1950

1950

1950

1950

October 3, 1986
IEA Report No. 304-9

	Aroclor 1242 µg/g	Aroclor 1254 µg/g	Aroclor 1260 µg/g	Total Aroclors µg/g
1665				<1.0
1666				<1.0
1667			30	30
1668				<1.0
1669	2200			2200
1670				<1.0
1671				<1.0
1672				<1.0
1673				<1.0
1674			2.2	2.2
1675		260		260
1676			2.6	2.6
1677				<1.0
1678			540	540
1679			1.8	1.8
1680			2.1	2.1
1681		1.1		1.1
1682				<1.0
1683			2.7	2.7
1684		15	13	28

APPROXIMATE PERCENTAGE OF ...

0.2

0.1

0.1

0.1

0.1

0.1

0.1

0.1

0.1

0.1

0.1

0.1

0.1

0.1

0.1

0.1

0.1

0.1

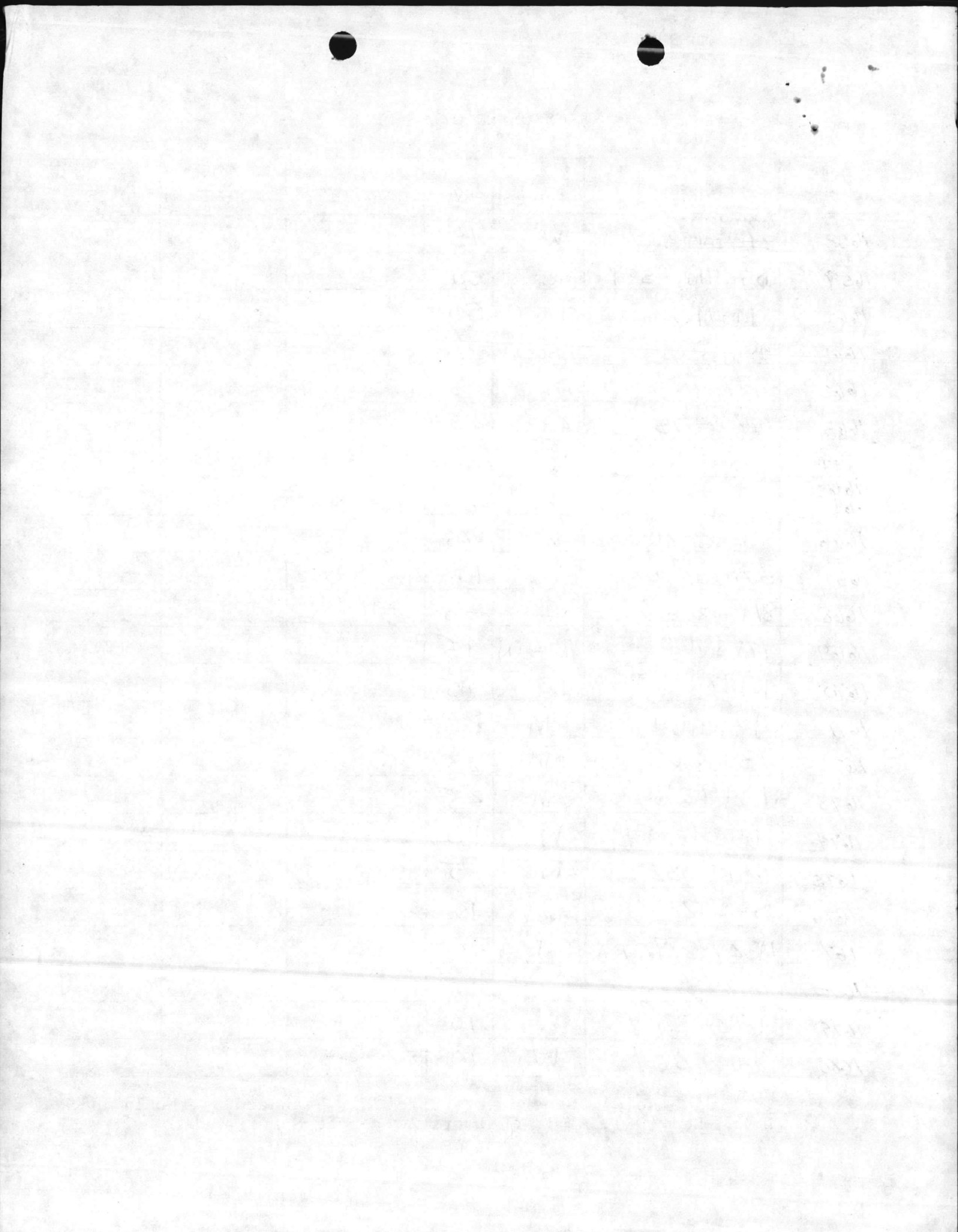
0.1

0.1

TRANSFORMER OIL SAMPLES

SAMPLE NUMBER	SERIAL NUMBER	BRAND	KVA	CAPACITY	SAMPLER	DATE
1658	6398907 2403498	W	15		Best II	3 SEP 86
1659	D904108-59Y	GE	50			
1660	R100710	DS	50			
1661	4811363	ESCO	25			
1662	4811362	ESCO	25			
1663	6607475	GE	45			
1664	3370214	AC	75/84			
1665 1665	66AA1873	W	75			
1666	83A050243	W	37.5			
1667	57F22696	W	10			
1668	81A342336	W	50			
1669	77V8060	VANTRAN	15			
1670	N14861	DS	15			
1671	1341169	LM	25			
1672	1349266	LM	25			
1673	1349289	LM	25			
1674	6424527	W	10			
1675	65K9202	W	5			
1676	D-1242-A	FISLER ENG CO	15			
1677	M827188YERA	GE	37.5			
1678	6968586	GE	5			
1679	6424534	W	10			
1680	6424531	W	10			

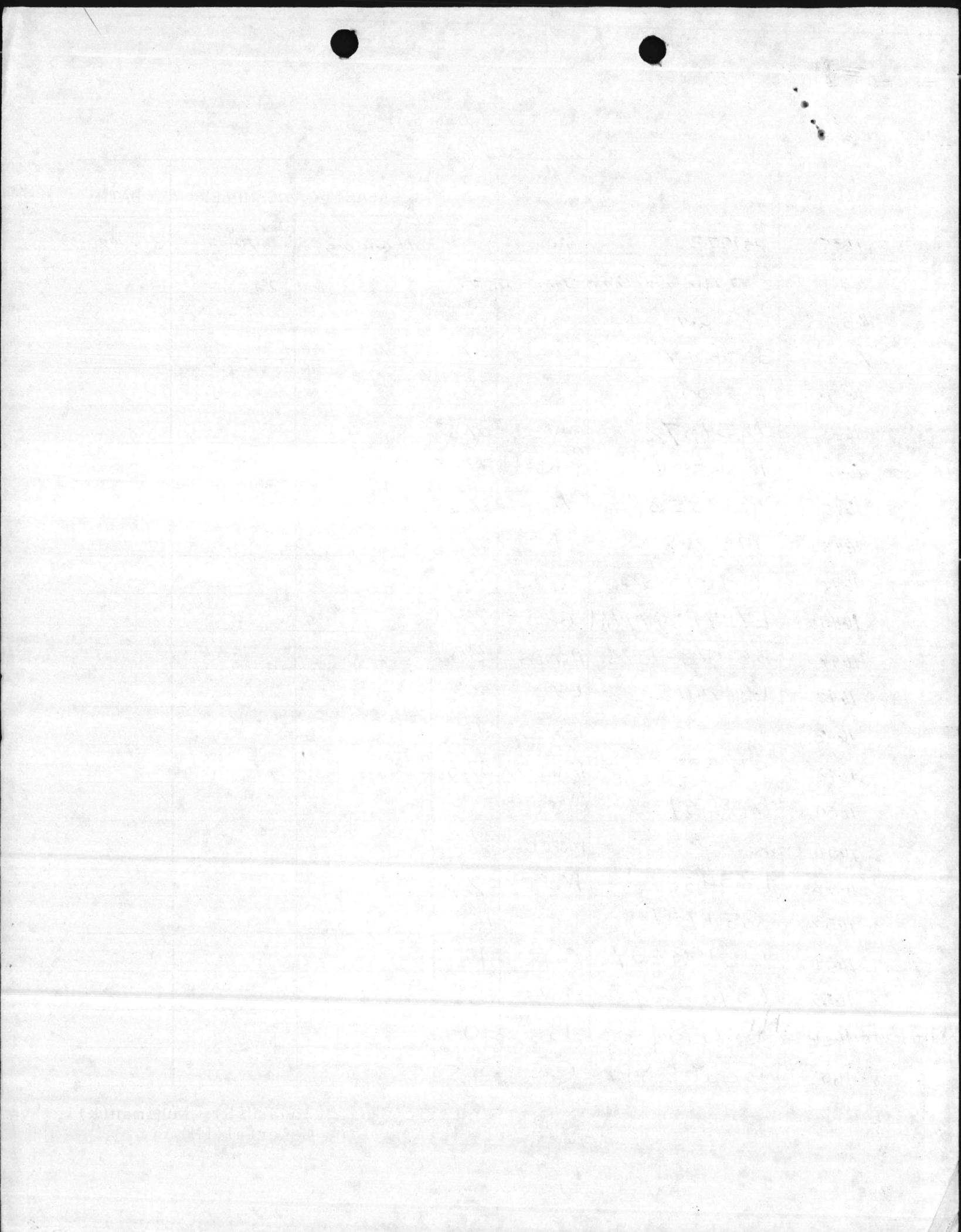
BRANDS: Westinghouse(W), General Electric(GE), Standard(S), Kuhlman(K)
Delta Star(DS), Allis-Chalmers(AC), Line Material(LM)



TRANSFORMER OIL SAMPLES

SAMPLE NUMBER	SERIAL NUMBER	BRAND	KVA	CAPACITY	SAMPLER	DATE
1635	251978	AC		11 GALLONS	IRELAND + BETZ	JULY 1986
1636	Z LEAK AT CAMP	JOHNSON		- LIQUID IN DOORWAY	BETZ	13 AUG 1986
1637	LIQUID IN BLDG				BARBEE	13 AUG 1986
1638	3004017	W	15		BETZ-IRELAND	8 SEP 86
1639	3004009	W	15			
1640	1834572	AC	37.5			
1641	1834574	AC	37.5			
1642	1832558	AC	37.5			
1643	1797684	AC	37.5			
1644	6961550	GE	37.5			
1645	L727479Y74AA	GE	75			
1646	35978-4075	HOWARD	50			
1647	6917445	ESCO	25			
1648	6231972	ESCO	15			
1649	86733	MARCUS	37.5			
1650	60731	MARCUS	?			
1651	86732	MARCUS	37.5			
1652	1834573	AC	37.5			
1653	3851731	W	15			
1654	125198-604	GE	15			
1655	6396899	W	15			
N17134 1656	1071.34	DS	10			
1657	M827192YERA	GE	37.5			

BRANDS: Westinghouse(W), General Electric(GE), Standard(S), Kuhlman(K)
Delta Star(DS), Allis-Chalmers(AC), Line Material(LM)



6241/3
NREAD
27 Mar 86

From: Director, Natural Resources and Environmental Affairs
Division, Marine Corps Base, Camp Lejeune
To: Base Maintenance Officer, Marine Corps Base, Camp Lejeune
Subj: TRANSFORMER OIL DISPOSAL; POLYCHLORINATED BIPHENYL (PCB)
ANALYSIS RESULTS

Ref: (a) BO 6240.5

Encl: (1) JTC Environmental Consultants, Inc. Report No. 306-3
dtd 19 Mar 86
(2) Transformer Oil Sample List

1. Enclosures (1) and (2) are provided for use in turn-in of used transformer oil to Defense Reutilization and Marketing Office (DRMO). Enclosure (2) relates the sample number to the serial number. Sample number is also on the transformer.

2. The results indicate that six of the transformers have over 500 parts per million (ppm) PCBs and are "PCB Transformers." Four transformers had 50 to 499 ppm of PCBs, which requires management as "PCB contaminated transformers." These 10 transformers should be turned in to DRMO per the reference and stored at the TP-451 DRMO facility.

3. The sample from Buffalo Transformer, Serial No. 15094 was broken. This transformer should be retained for resampling. The Supervisory Chemist, NREAD, will be contacting Base Maintenance Officer's representative to resample this transformer. Point of contact in this matter is Ms. Elizabeth Betz, extension 5977.

4. The remaining transformers, including the empty Westinghouse transformers, serial nos. 1193021A and 74AK18680 and the empty transformer in the barrel should be turned in to DRMO and stored at Lot 203.

P. E. BLACK
Acting

Copy to:
DRMO (w/o encls)

Blind copy to:
OCL (2-1 w/encl 1 w/o encl)

Writer: E. Betz, NREAD, 5977
Typist: T. Hardison, 27 Mar 86

[Faint, illegible text covering the majority of the page, possibly bleed-through from the reverse side.]

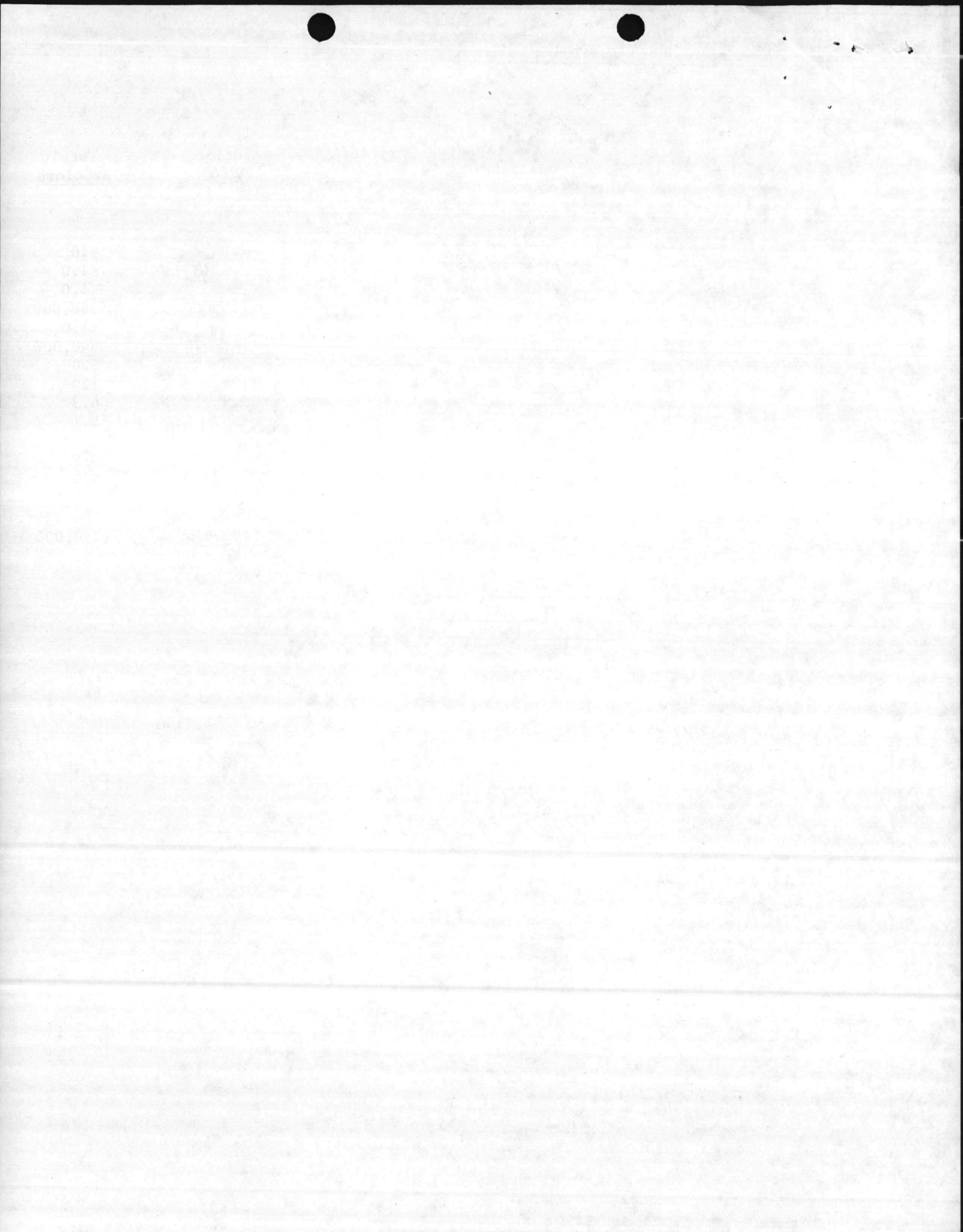
THE UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637
1970

<u>Sample No.</u>	<u>Aroclor 1242</u>	<u>Aroclor 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
1570				200	200
1571					<1.0
1572			3.1		3.1
1573					<1.0
1574				8.1	8.1
1575					<1.0
1576					<1.0
1577					<1.0
1578			1.4		1.4
1579					<1.0
1580					<1.0
1581		31			31
1582					<1.0
1583					<1.0
1584					<1.0
1585				11	11
1586				13	13
1587					<1.0
1588					<1.0
1589					<1.0
1590					<1.0
1591					N/S
1592					<1.0
1593					<1.0
1594					<1.0
1595				6.9	6.9
1596					<1.0
1597					<1.0
1598					<1.0
1599					<1.0
1600					<1.0
1601					<1.0
1602				1250	1250
1603					<1.0
1604					<1.0
1605				31	31
1606				2.7	2.7
1607				1.4	1.4
1608					<1.0
1609			48	30	78
1610				2.3	2.3
1611				1.9	1.9
1612					<1.0
1613				21	21
1614				20	20
1615				14	14
1616				4.9	4.9
1617				1800	1800
1618					N/S
1619					<1.0

<u>Sample No.</u>	<u>Aroclor 1242</u>	<u>Aroclor 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
1620				2.0	2.0
1621					<1.0
1622					<1.0
1623				260,000	260,000
1624					<1.0
1625				540,000	540,000
1626				520	520
1627				120	120
1628	4.4			1.9	6.3
1629	3.5			1.6	5.1
1630					N/S
1631					N/S
1632				94	94
1633				30	30
1634				190,000	190,000

N/S: No Sample Sent

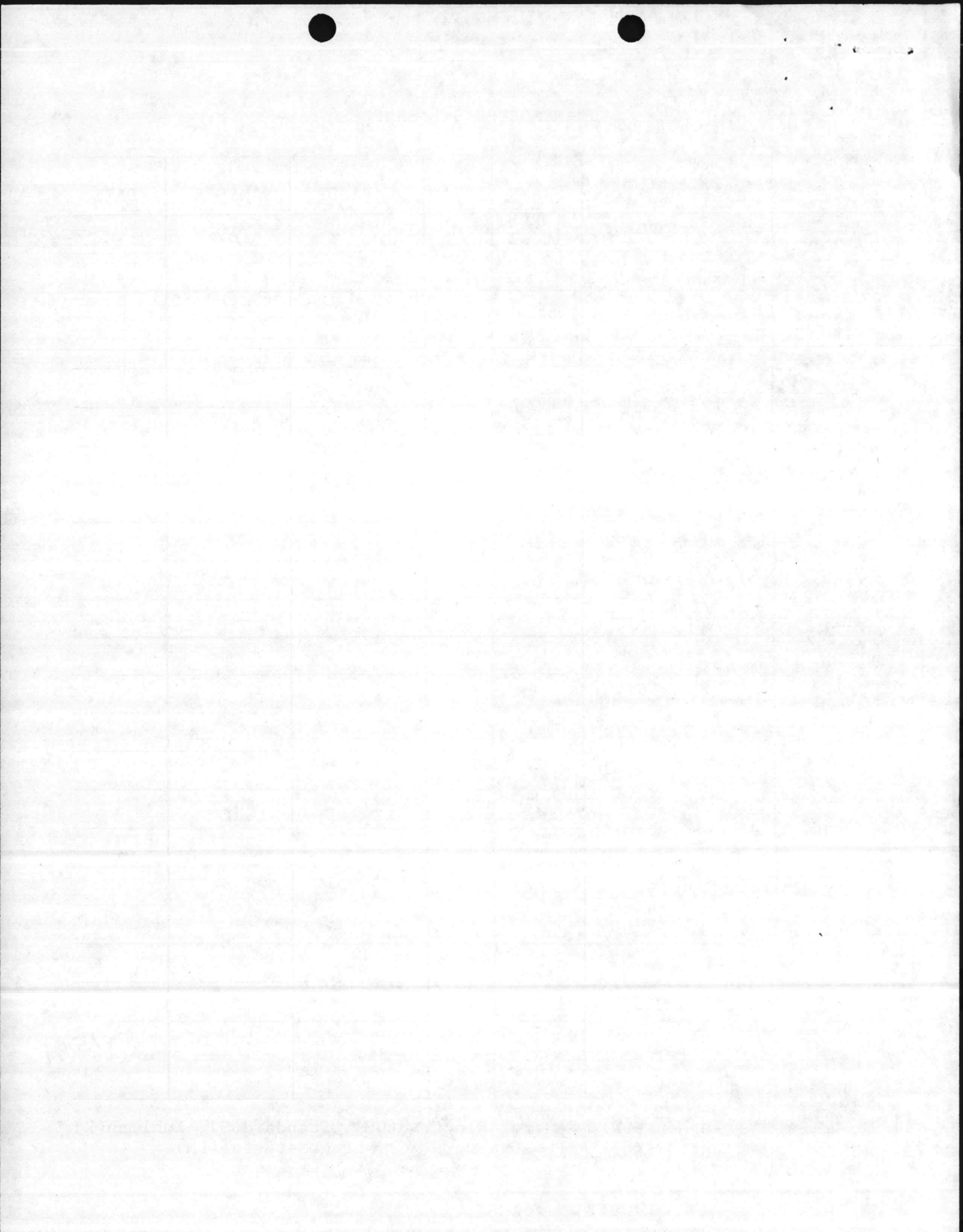
ALL RESULTS GIVEN IN TERMS OF $\mu\text{g/g}$.



TRANSFORMER OIL SAMPLES

SAMPLE NUMBER	SERIAL NUMBER	BRAND	KVA	CAPACITY	SAMPLER	DATE
1570	57J2754	W	15		BB	2-27-86
1571	-R100693	DS	50			
1572	5350590	AC	75			
1573	-A769738	AC	15			
1574	no number	-	-			
1575	83A 491646	W	25			
1576	U 200151	DS	50			
1577	L 817200YCLA	GE	75			
1578	8918437	ESCO	10			
1579	S10221	S	25			
1580	53A 491645	W	25			
1581	2-D472-69	W	5			
1582	63A F6607	W	50			
1583	N35 2372YHTA	GE	25			
1584	M57765	DS	25			
1585	3814325	AC	5			
1586	4067131	AC	5			
1587	J33 660	DS	15			
1588	N35 2373YHTA	GE	25			
1589	63A C1057	W	50			
1590	60A 4918	W	37.5			
1591	1193021 A	W	5	no oil		1591
1592	78A 111034	W	50			

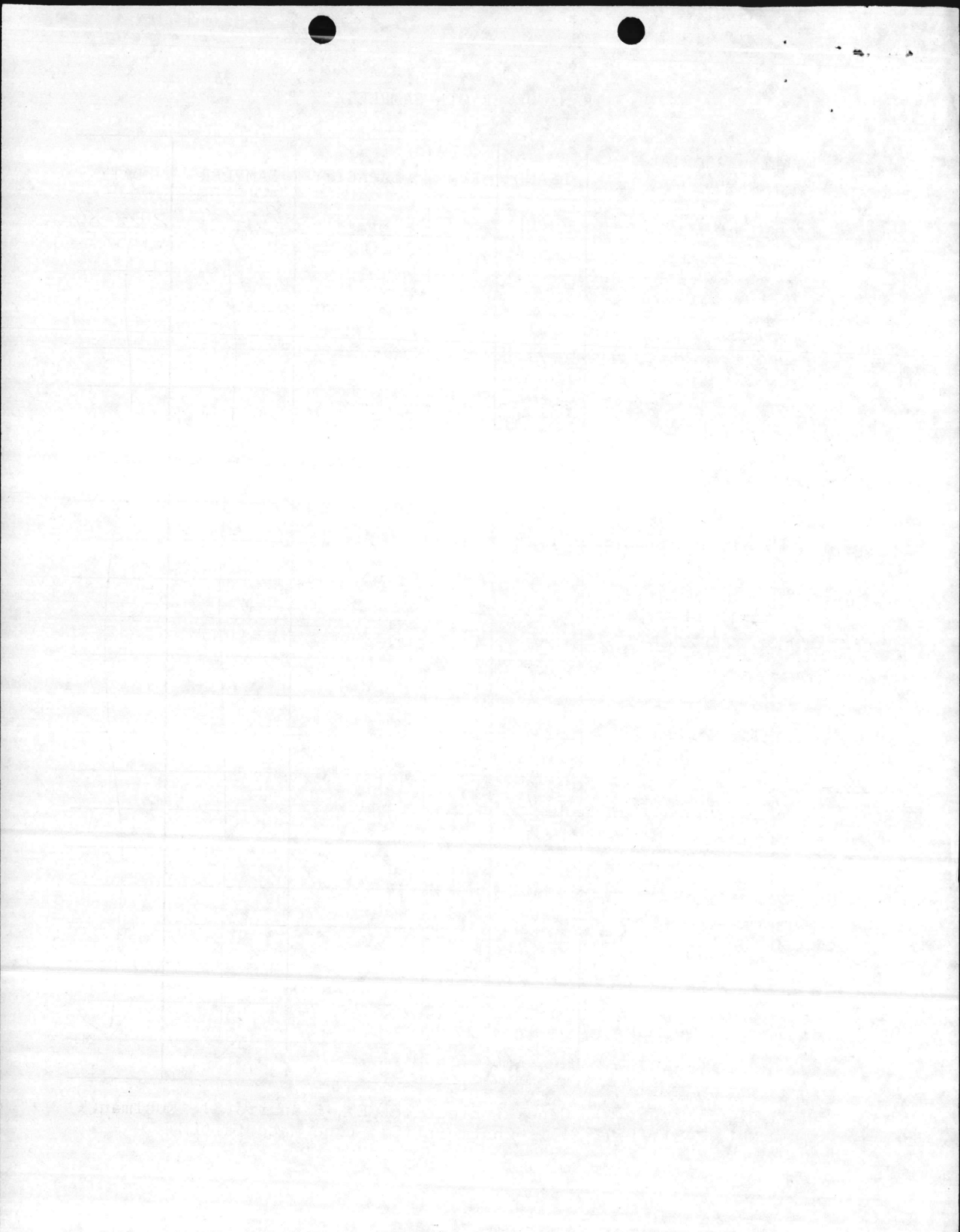
BRANDS: Westinghouse(W), General Electric(GE), Standard(S), Kuhlman(K)
Delta Star(DS), Allis-Chalmers(AC), Line Material(LM)



TRANSFORMER OIL SAMPLES

SAMPLE NUMBER	SERIAL NUMBER	BRAND	KVA	CAPACITY	SAMPLER	DATE
1593	116-77 58	LM	25		Beth	2-27-84
1594	77A394 912	W	75			
1595	183 97168	AC	37.5			
1596	N16 324	DS	25			
1597	S/NR128-162	WCP Edison	10			
1598	502 11-02	Carling Trans	15			
1599	R500292	DS	25			
1600 15	151 443	DS	15			
1601	118 5081	LM	25			
1602	642 4530	W	10			
1603	M 177454 YC NA	GE	75			
1604	15 21255470A	GE	15			
1605	1833738	AC	10			
1606	F3096503	LM	50			
1607	6690580	W	37.5			
1608	N16 028	DS	37.5			
1609	891 8410	ESCO	25			
1610	62558	?	50			
1611	6690583	W	37.5			
1612	1407111	AC	37.5			
1613	1833001	AC	37.5			
1614	183 2667	AC	37.5			
1615	62657	? AC subbrand	50			

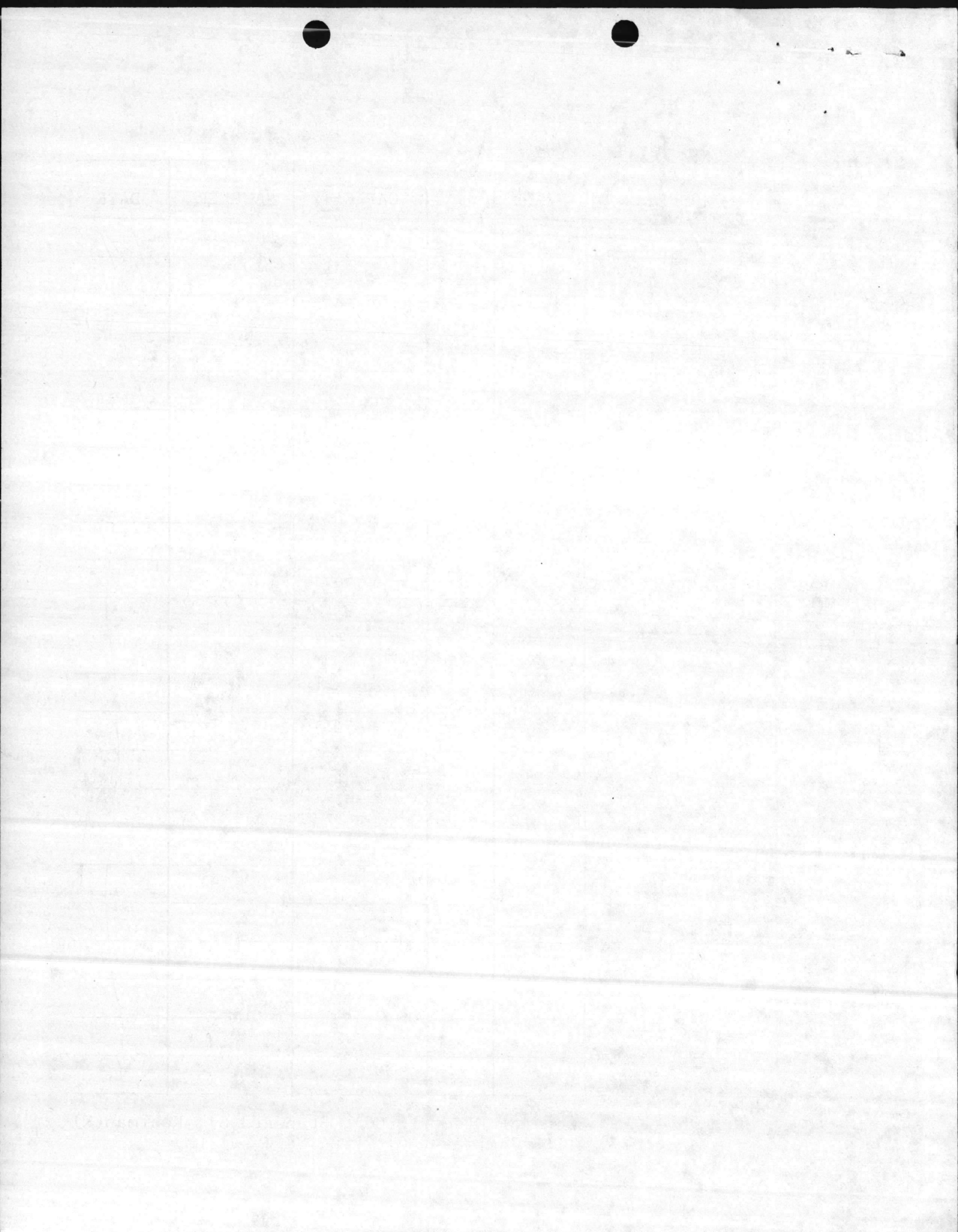
BRANDS: Westinghouse(W), General Electric(GE), Standard(S), Kuhlman(K)
Delta Star(DS), Allis-Chalmers(AC), Line Material(LM)



TRANSFORMER OIL SAMPLES

SAMPLE NUMBER	SERIAL NUMBER	BRAND	KVA	CAPACITY	SAMPLER	DATE
1616	61J13602	W	15		Beth	2/27/86
1617	6607479	GE	45			
1618	74AK18680	W	37.5	EMPTY		1618
1619	64AL2249	W	15			
1620	958	LM	15.5			2/28/86
1621	1162332	LM	100			
1622	M167692YCNA	GE	167			
1623	H223531-68P	GE	225			
1624	042A3885-201	GE	600AMP	60 GALL		
1625	31 72725	W	50			
1626	6958363	GE	25			
1627	9345729	GE	50			
1628	BARREL					
1629	BARREL					
1630	TRANSFORMER IN BARREL			EMPTY		
1631	1950 15094	BUFFALO	1000	BROKEN IN TRANSIT		
1632	C-861938	GE				
1633	3149380	W				
1634	3161516	W				
1635						
1636						
1637						
1638						

BRANDS: Westinghouse(W), General Electric(GE), Standard(S), Kuhlman(K)
Delta Star(DS), Allis-Chalmers(AC), Line Material(LM)





Industrial & Environmental Analysts, Inc.

P.O. Box 12542 • Research Triangle Park, NC 27709 • 919-467-9919

March 19, 1986

Elizabeth Betz
Quality Control Lab
Building 1103
Camp Lejeune, NC 28542

REFERENCE: IEA Report No. 306-3

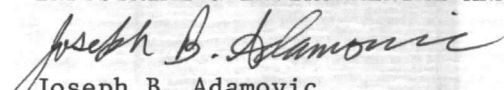
Dear Ms. Betz:

Transmitted herewith are the results of analyses on sixty-one samples submitted to our laboratory on March 7, 1986.

Please see the attached report for your results.

Very truly yours,

INDUSTRIAL & ENVIRONMENTAL ANALYSTS, INC.


Joseph B. Adamovic
Senior Chemist

JBA/sbm

Enclosures



<u>Sample No.</u>	<u>Aroclor 1242</u>	<u>Aroclor 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
1570				200	200
1571					<1.0
1572			3.1		3.1
1573					<1.0
1574				8.1	8.1
1575					<1.0
1576					<1.0
1577					<1.0
1578			1.4		1.4
1579					<1.0
1580					<1.0
1581		31			31
1582					<1.0
1583					<1.0
1584					<1.0
1585				11	11
1586				13	13
1587					<1.0
1588					<1.0
1589					<1.0
1590					<1.0
1591					N/S
1592					<1.0
1593					<1.0
1594					<1.0
1595				6.9	6.9
1596					<1.0
1597					<1.0
1598					<1.0
1599					<1.0
1600					<1.0
1601					<1.0
1602				1250	1250
1603					<1.0
1604					<1.0
1605				31	31
1606				2.7	2.7
1607				1.4	1.4
1608					<1.0
1609			48	30	78
1610				2.3	2.3
1611				1.9	1.9
1612					<1.0
1613				21	21
1614				20	20
1615				14	14
1616				4.9	4.9
1617				1800	1800
1618					N/S
1619					<1.0



10/13

10/13

March 19, 1986

IEA Report No. 306-3

Page 3

<u>Sample No.</u>	<u>Aroclor 1242</u>	<u>Aroclor 1248</u>	<u>Aroclor 1254</u>	<u>Aroclor 1260</u>	<u>Total Aroclors</u>
1620				2.0	2.0
1621					<1.0
1622					<1.0
1623				260,000	260,000
1624					<1.0
1625				540,000	540,000
1626				520	520
1627				120	120
1628	4.4			1.9	6.3
1629	3.5			1.6	5.1
1630					N/S
1631					N/S
1632				94	94
1633				30	30
1634				190,000	190,000

N/S: No Sample Sent

ALL RESULTS GIVEN IN TERMS OF $\mu\text{g/g}$.

23

Russell

TRANSFORMER OIL SAMPLES

SAMPLE NUMBER	SERIAL NUMBER	BRAND	KVA	CAPACITY	SAMPLER	DATE
1570	57J2754	W	15		BB	2-27-86
1571	-R100693	DS	50			
1572	5350590	AC	75			
1573	-A769738	AC	15			
1574	no number	-	-			
1575	83A 491646	W	25			
1576	U 200151	DS	50			
1577	L 817200YCLA	GE	75			
1578	8918437	ESCO	10			
1579	S10221	S	25			
1580	83A 491645	W	25			
1581	2-D472-69	W	5			
1582	63A F6607	W	50			
1583	N35 2372YHTA	GE	25			
1584	M57765	DS	25			
1585	-3814325	AC	5			
1586	4067131	AC	5			
1587	J33 660	DS	15			
1588	N35 2373YHTA	GE	25			
1589	63A C1051	W	50			
1590	60A 4918	W	37.5			
1591	1193021A	W	5	no oil		
1592	78A 111034	W	50			

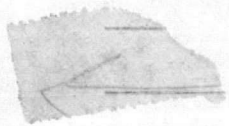
BRANDS: Westinghouse(W), General Electric(GE), Standard(S), Kuhlman(K)
Delta Star(DS), Allis-Chalmers(AC), Line Material(LM)

1591

1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960

1961
1962
1963
1964
1965
1966
1967
1968
1969
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980

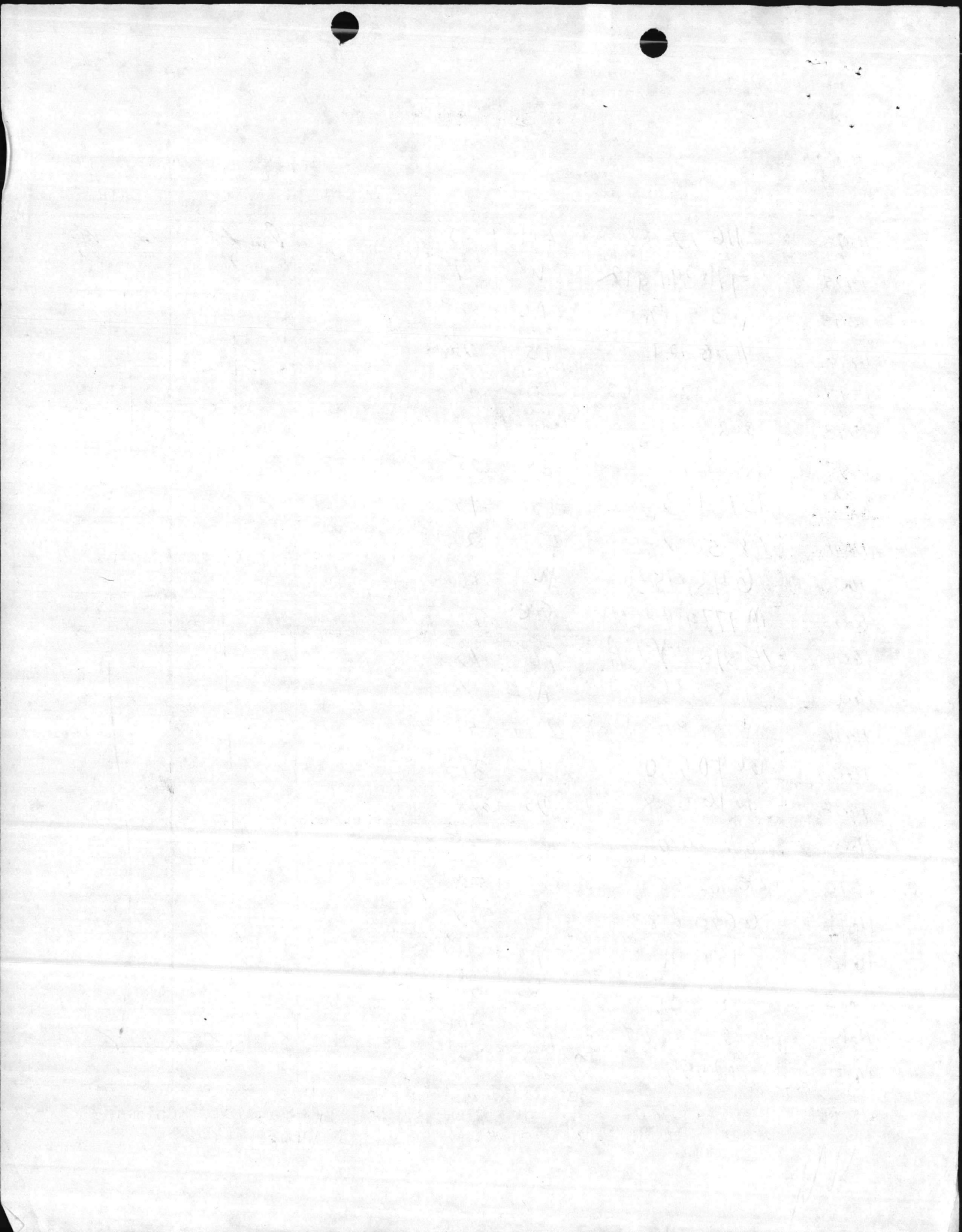
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000



TRANSFORMER OIL SAMPLES

SAMPLE NUMBER	SERIAL NUMBER	BRAND	KVA	CAPACITY	SAMPLER	DATE
1593	1167758	LM	25		Betsy	2-27-84
1594	77A394912	W	75			
1595	18397168	AC	37.5			
1596	N16 ⁶ 224	DS	25			
1597	81NR128-162	McBraw Edition	10			
1598	802 11-02	Cauling Trans	15			
1599	R500292	DS	25			
1600 1600	151443	DS	15			
1601	1185081	LM	25			
1602	6424530	W	10			
1603	M177454YCNA	GE	75			
1604	1521255470A	GE	15			
1605	1833738	AC	10			
1606	F3096503	LM	50			
1607	6690580	W	37.5			
1608	N16028	DS	37.5			
1609	8918410	ESCO	25			
1610 1610	62558 62558	?	50			
1611	6690583	W	37.5			
1612	1807111	AC	37.5			
1613	1833001	AC	37.5			
1614	1832667	AC	37.5			
1615	62657	? W no brand	50			

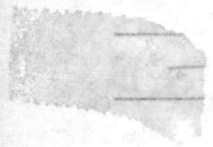
BRANDS: Westinghouse(W), General Electric(GE), Standard(S), Kuhlman(K)
Delta Star(DS), Allis-Chalmers(AC), Line Material(LM)



TRANSFORMER OIL SAMPLES

SAMPLE NUMBER	SERIAL NUMBER	BRAND	KVA	CAPACITY	SAMPLER	DATE
1616	61J13602	W	15		Beth	2/27/86
1617	6607479	GE	45			
1618	74AK18680	W	37.5	EMPTY		1618
1619	64AL2249	W	15			
1620	958	LM	15.5			2/28/86
1621						
1622	1162332	LM	100			
1623						
1624	M167692YCNA	GE	167			
1625						
1626	H223531-68P	GE	225			
1627						
1628	0442A3885-201	GE	400AMP	60 GALL		
1629	31 72725	W	50			
1630	6958363	GE	25			
1631	9345729	GE	50			
1632	BARREL					
1633	BARREL					
1634	TRANSFORMER IN BARREL			EMPTY		
1635	95094 15094	BUFFALO	1000	BROKEN IN TRANSIT		
1636	C-861938	GE				
1637	3149320	W				
1638	3161516	W				
1639						
1640						
1641						
1642						
1643						
1644						
1645						
1646						
1647						
1648						

BRANDS: Westinghouse(W), General Electric(GE), Standard(S), Kuhlman(K)
Delta Star(DS), Allis-Chalmers(AC), Line Material(LM)



1911
 1912
 1913
 1914
 1915
 1916
 1917
 1918
 1919
 1920
 1921
 1922
 1923
 1924
 1925
 1926
 1927
 1928
 1929
 1930
 1931
 1932
 1933
 1934
 1935
 1936
 1937
 1938
 1939
 1940
 1941
 1942
 1943
 1944
 1945
 1946
 1947
 1948
 1949
 1950
 1951
 1952
 1953
 1954
 1955
 1956
 1957
 1958
 1959
 1960
 1961
 1962
 1963
 1964
 1965
 1966
 1967
 1968
 1969
 1970
 1971
 1972
 1973
 1974
 1975
 1976
 1977
 1978
 1979
 1980
 1981
 1982
 1983
 1984
 1985
 1986
 1987
 1988
 1989
 1990
 1991
 1992
 1993
 1994
 1995
 1996
 1997
 1998
 1999
 2000

6241/3
NREAD
29 Jan 86

From: Director, Natural Resources and Environmental Affairs
Division, Marine Corps Base, Camp Lejeune
To: Base Maintenance Officer, Marine Corps Base, Camp Lejeune
Subj: TRANSFORMER OIL DISPOSAL; POLYCHLORINATED BIPHENYL (PCB)
ANALYSIS RESULTS

Ref: (a) BO 6240.5

Encl: (1) JTC Environmental Consultants, Inc. Report No. 194
dtd 17 Dec 85
(2) JTC Environmental Consultants, Inc. Report No. 194
addendum dtd 2 Jan 86

1. Enclosures (1) and (2) are provided for use in turn-in of used transformer oil to Defense Reutilization and Marketing Office (DRMO). The transformer oil, contained in 55-gallon drums, are labelled with the Navy Sample ID number. The results of one drum, labeled 1515, indicates that the oil has over 500 parts per million (ppm) PCBs and is "PCB Oil". This drum should be turned in to DRMO per the reference and stored at the TP-451 DRMO facility.

2. The other 60 drums contain less than 50 ppm of PCBs and may be either disposed of as waste oil or treated as a hazardous material and be turned in to DRMO. The point of contact in this matter is Mr. D. Sharpe, extension 2083.

J. I. WOOTEN

Copy to:
DRMO (w/o encl)

Blind copy to:

LAB



1943
April 24

Dear Mr. [Name obscured]

I have your letter of April 22, 1943, regarding [Subject obscured]

The information you have provided is being reviewed by the [Agency obscured]

and we will contact you again as soon as a decision has been reached.

I am sure you will understand the need for thoroughness in this process.

Very truly yours,
[Signature obscured]

[Address obscured]

cc: [Name obscured]
[Signature obscured]

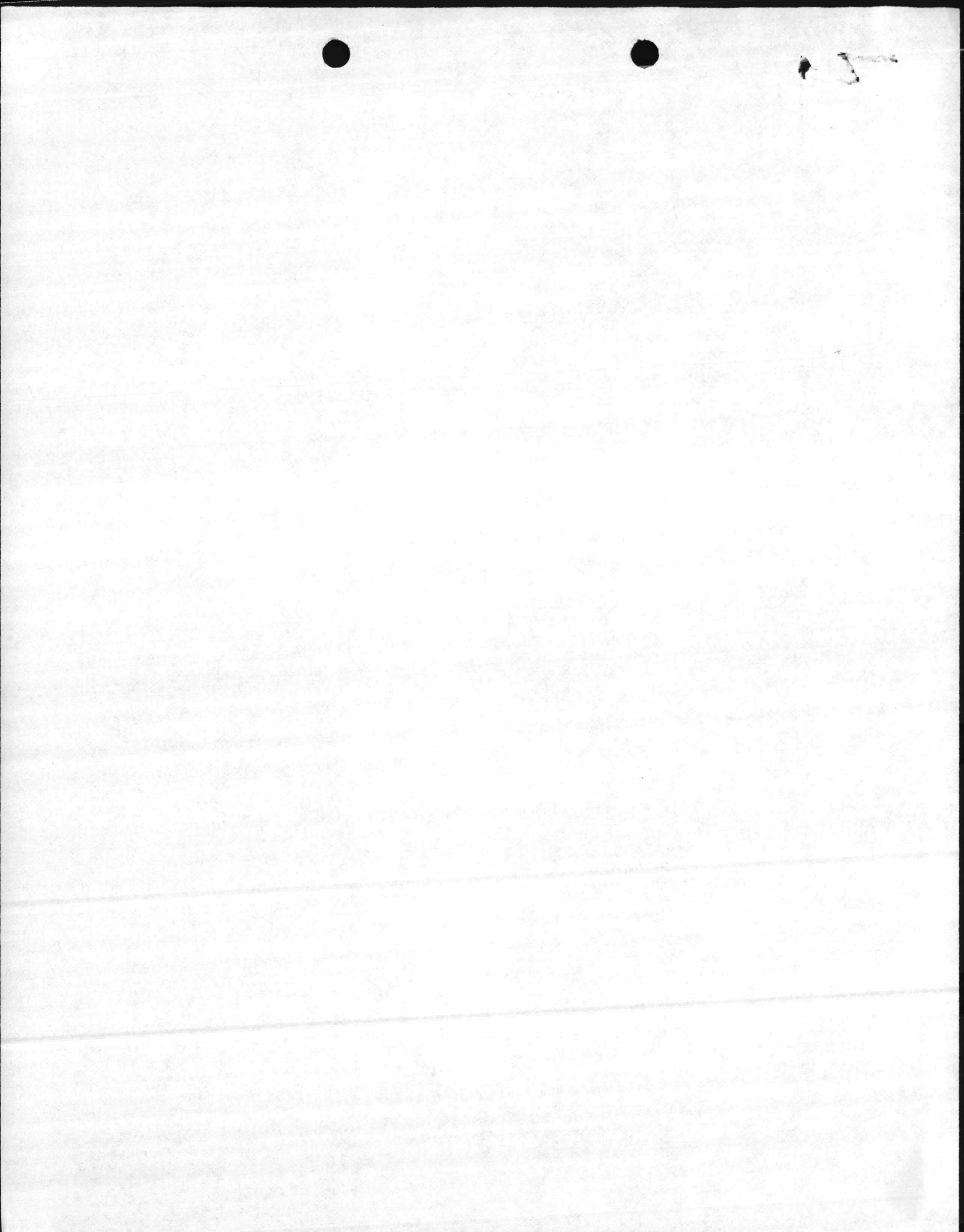
REPORT #194
LABORATORY ANALYSIS ON
NAVAL SAMPLES
(A/E CONTRACT N62470-84-B-6932)
JTC REPORT # 85-543

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 17, 1985

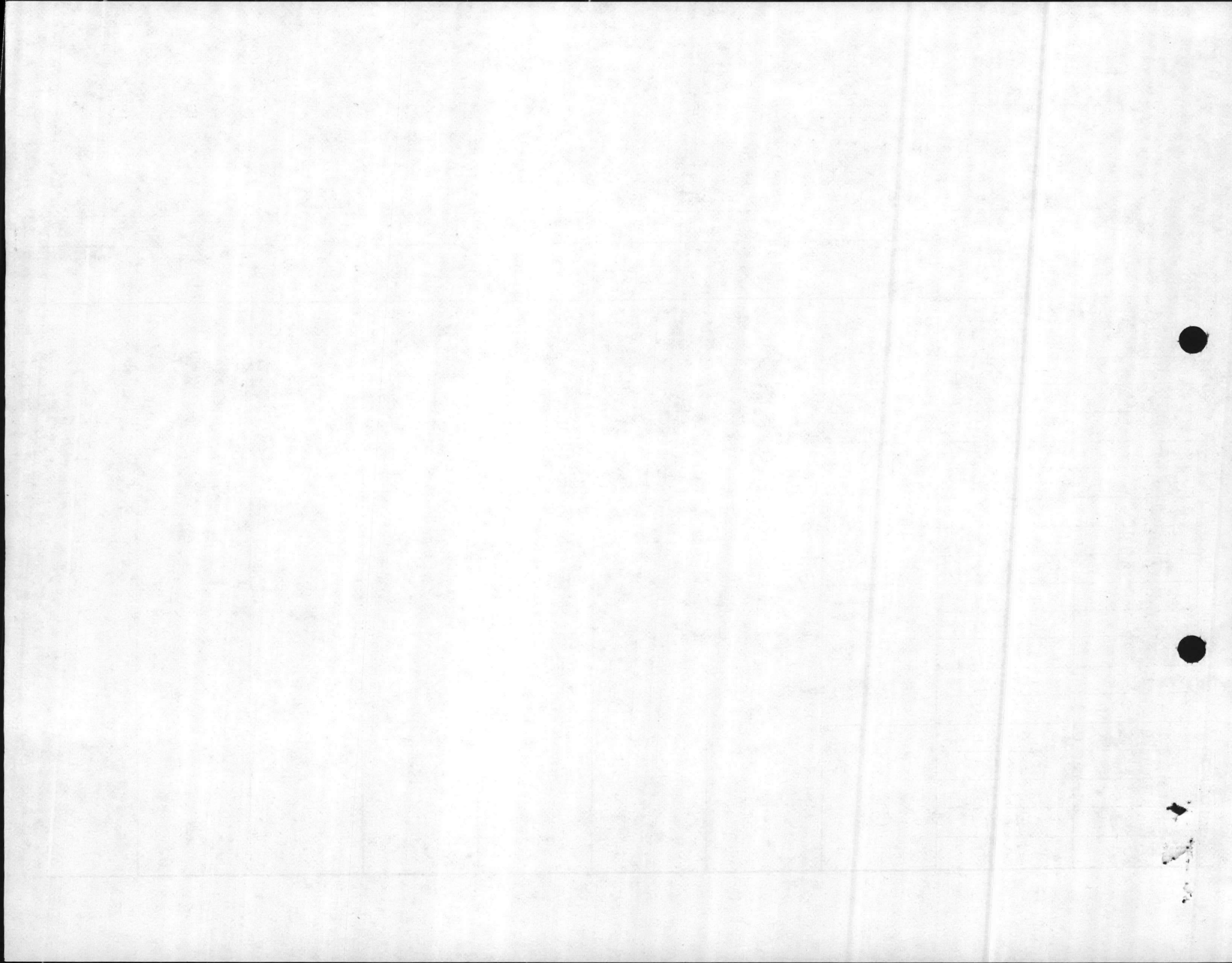
Ann E Rosecrance
Ann E. Rosecrance
Laboratory Director



Location: Camp Lejeune Date of Receipt: 12-3-85 Turnaround: 2 weeks
 Date: 12-17-85 Report No. 194 to Naval Facilities Engineering Command, Norfolk, Virginia
 JTC Data Report No. 85-543 Table 1

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER							
		PCB ug/g							
1508	12-1829								
1510	-1830								
1511	-1831	< 5							
1512	-1832								
1513	-1833								
1514	-1834								
1515	-1835								
1516	-1836	198							
1517	-1837								
1518	-1838								
1519	-1839								
1520	-1840								
1521	-1841	< 5							
1522	-1842								
1523	-1843								
1524	-1844								
1525	-1845								
1526	-1846								
1527	-1847	< 5							
1528	-1848								

See JTC ENVIRONMENTAL
 Consultants Report NO 194
 ADDendum dated 2 JANUARY 1986.



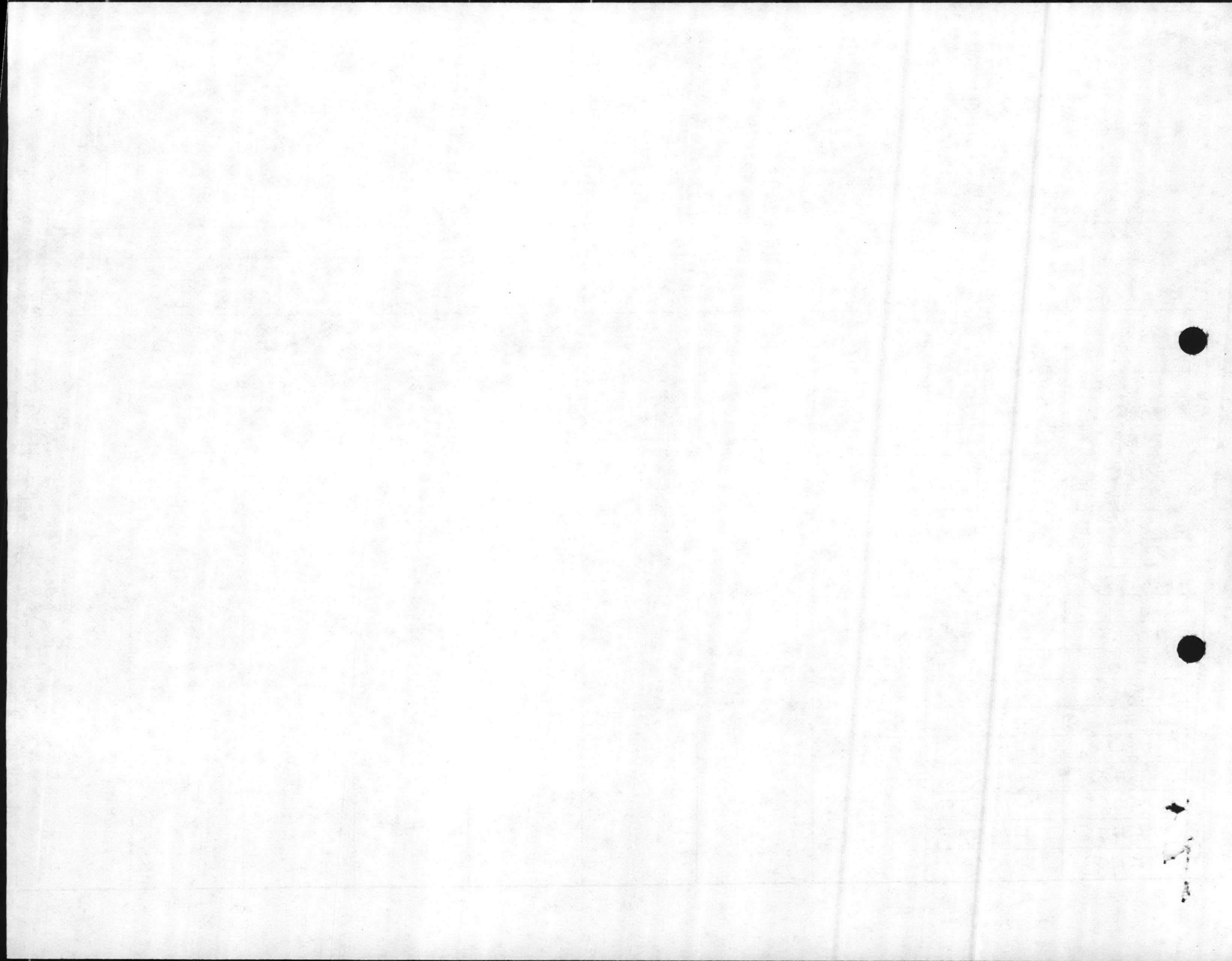
JTC Environmental Consultants, Inc.

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

Date: 12-17-85 Report No. 194 to Naval Facilities Engineering Command, Norfolk, Virginia

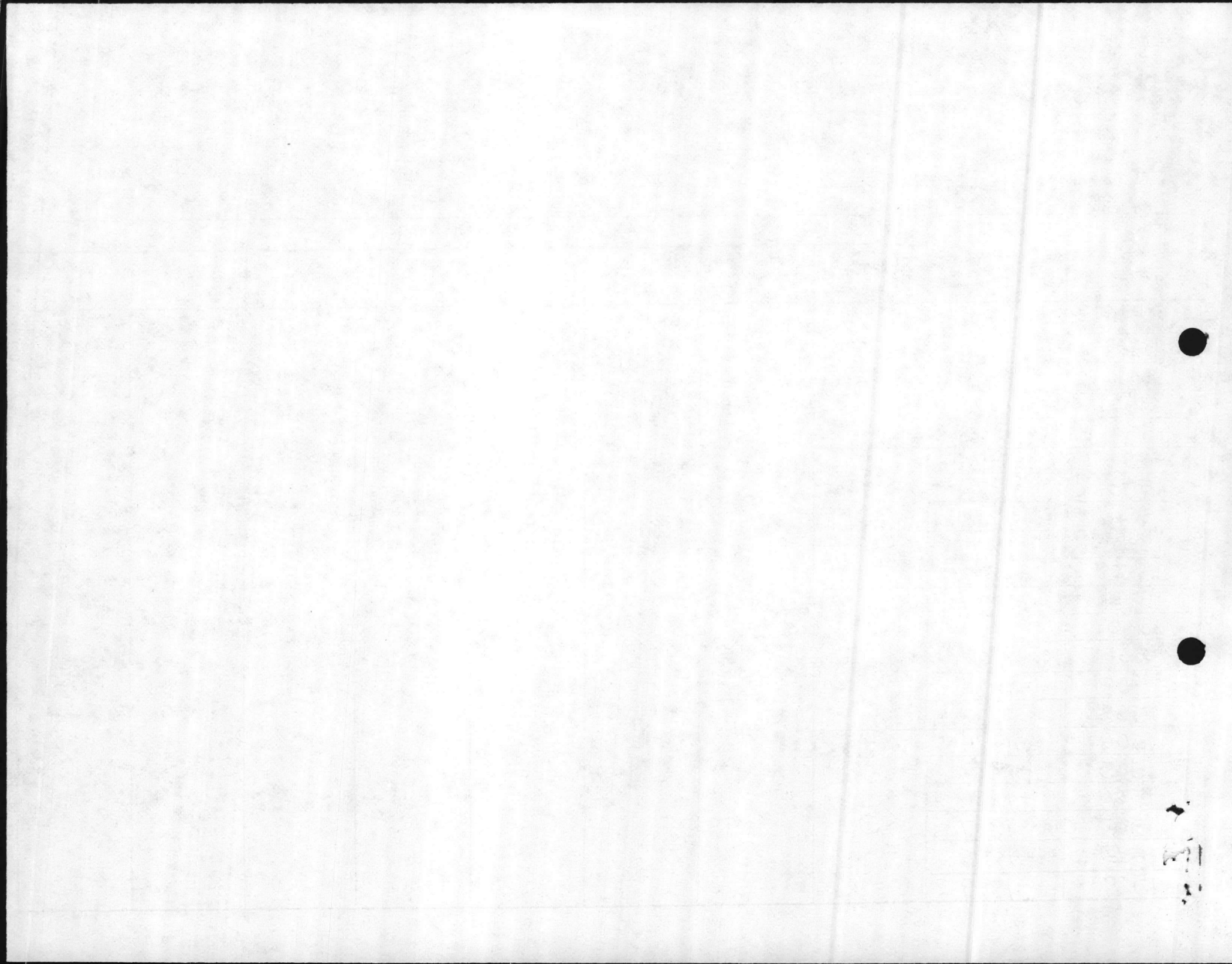
JTC Data Report No. 85-543 Table 2

NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER						
		PCB ug/g						
1529	12-1849							
1530	-1850							
1531	-1851	<5						
1532	-1852							
1533	-1853							
1534	-1854							
1535	-1855	<5						
1536	-1856							
1537	-1857							
1538	-1858							
1539	-1859	<5						
1540	-1860							
1541	-1861							
1542	-1862							
1543	-1863	<5						
1544	-1864							
1545	-1865							
1546	-1866							
1547	-1867							
1548	-1868							



Location: Camp Lejeune Date of Receipt: 12-3-85 Turnaround: 2 weeks
 Date: 12-17-85 Report No. 194 to Naval Facilities Engineering Command, Norfolk, Virginia
 JTC Data Report No. 85-543 Table 3

	NAVY SAMPLE ID	JTC SAMPLE ID	ANALYSIS PARAMETER					
			PCB ug/g					
COMPOSITE	1549	12-1869	<5					
	1550	-1870						
	1551	-1871						
	1552	-1872						
	1553	"-1873						
COMPOSITE	1554	-1874	<5					
	1555	-1875						
	1556	-1876						
	1557	-1877						
	1558	-1878						
COMPOSITE	1559	-1879	<5					
	1560	-1880						
	1561	-1881						
	1562	-1882						
	1563	-1883						
COMPOSITE	1564	-1884	<5					
	1565	-1885						
	1566	-1886						
	1567	-1887						
	1568	-1888						
	1569	-1889						



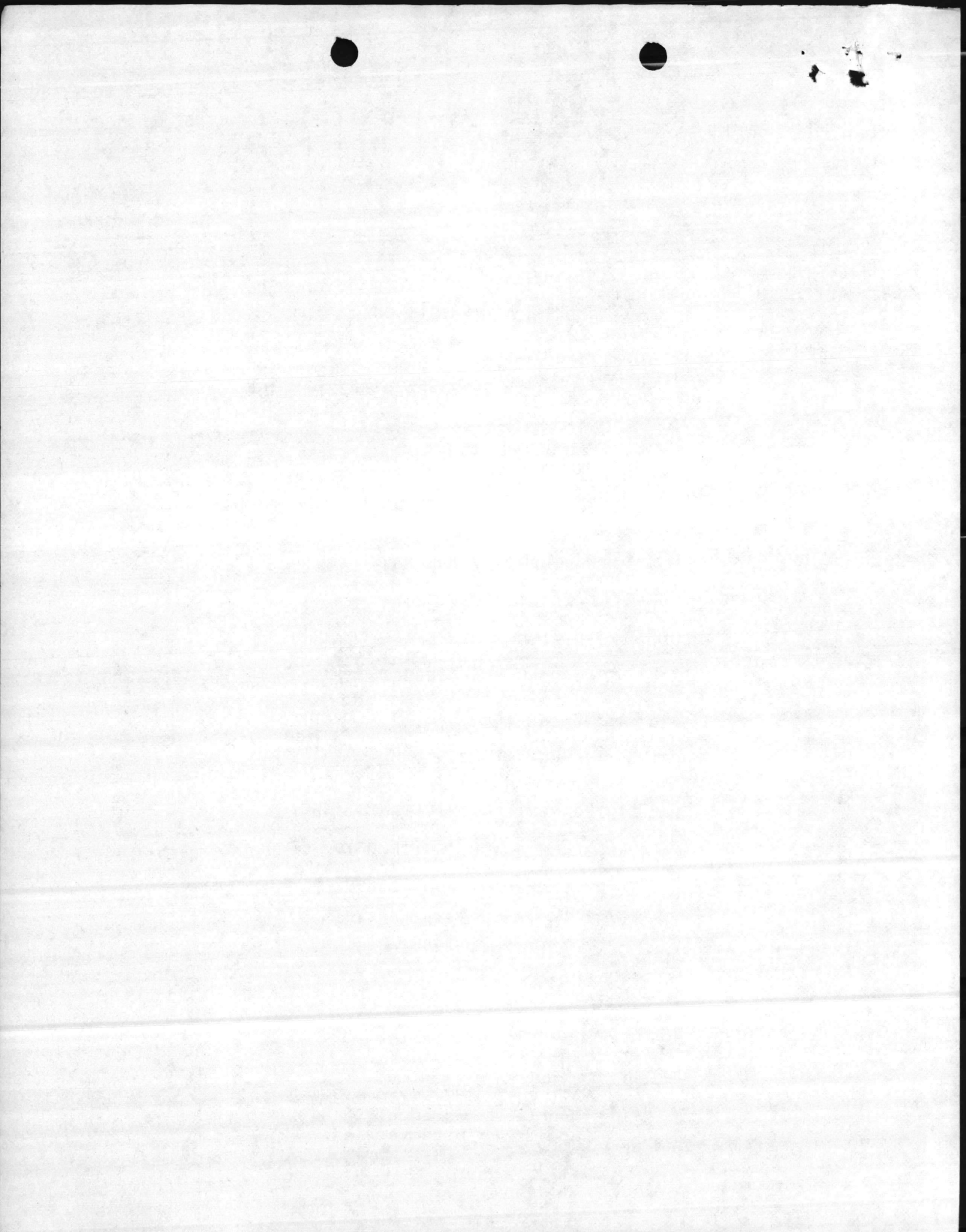
REPORT # 194 Addendum
LABORATORY ANALYSIS ON
NAVAL SAMPLES
(A/E CONTRACT N62470-84-B-6932)
JTC REPORT # 85-543

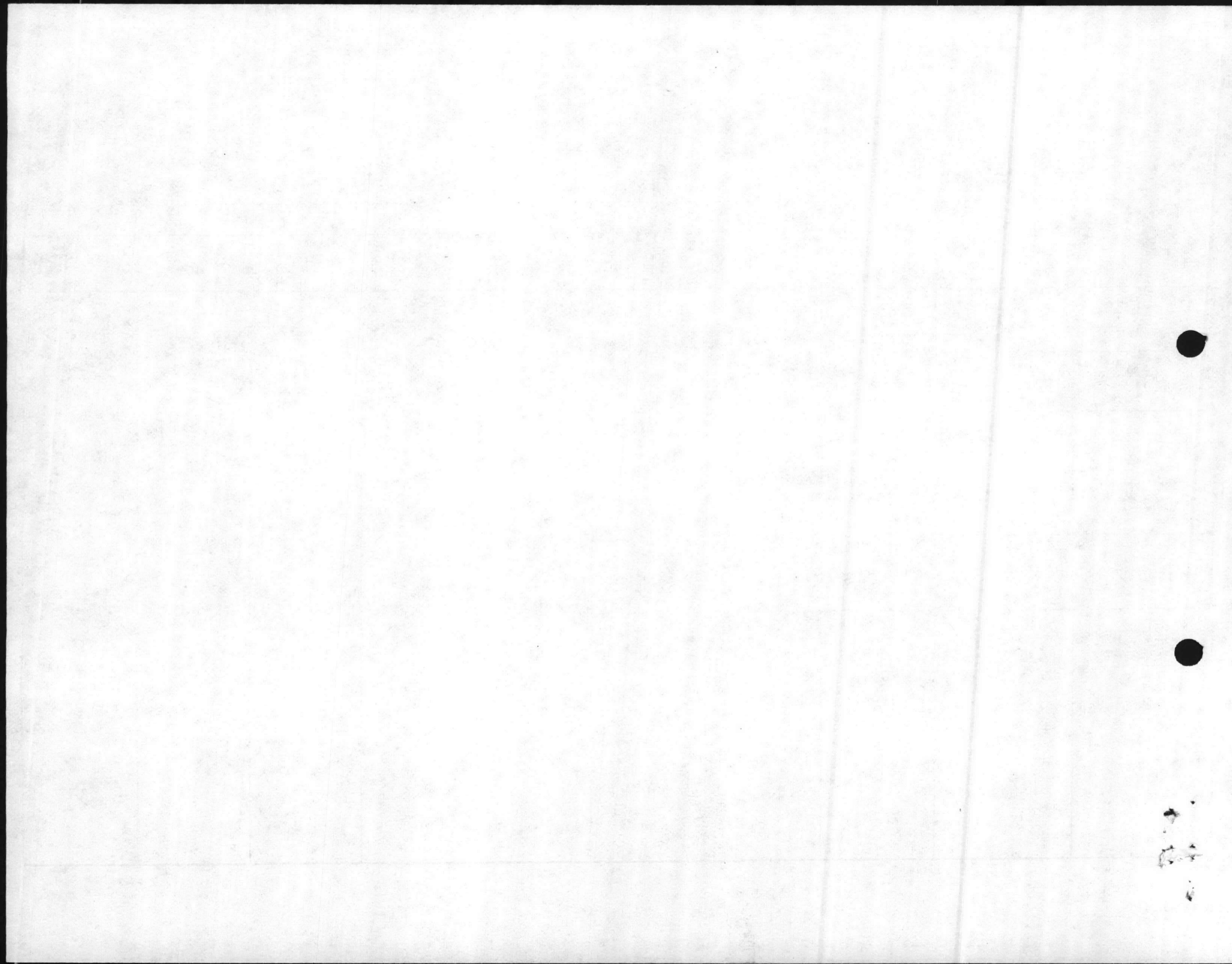
PREPARED FOR:
DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VA 23511

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

JANUARY 2, 1986

Ann E. Rosecrance
Ann E. Rosecrance
Laboratory Director





PCB REPORT SUMMARY

20 NOVEMBER 1985 SAMPLING AT TRANSFORMER LOT

61 BARRELS WERE SAMPLED

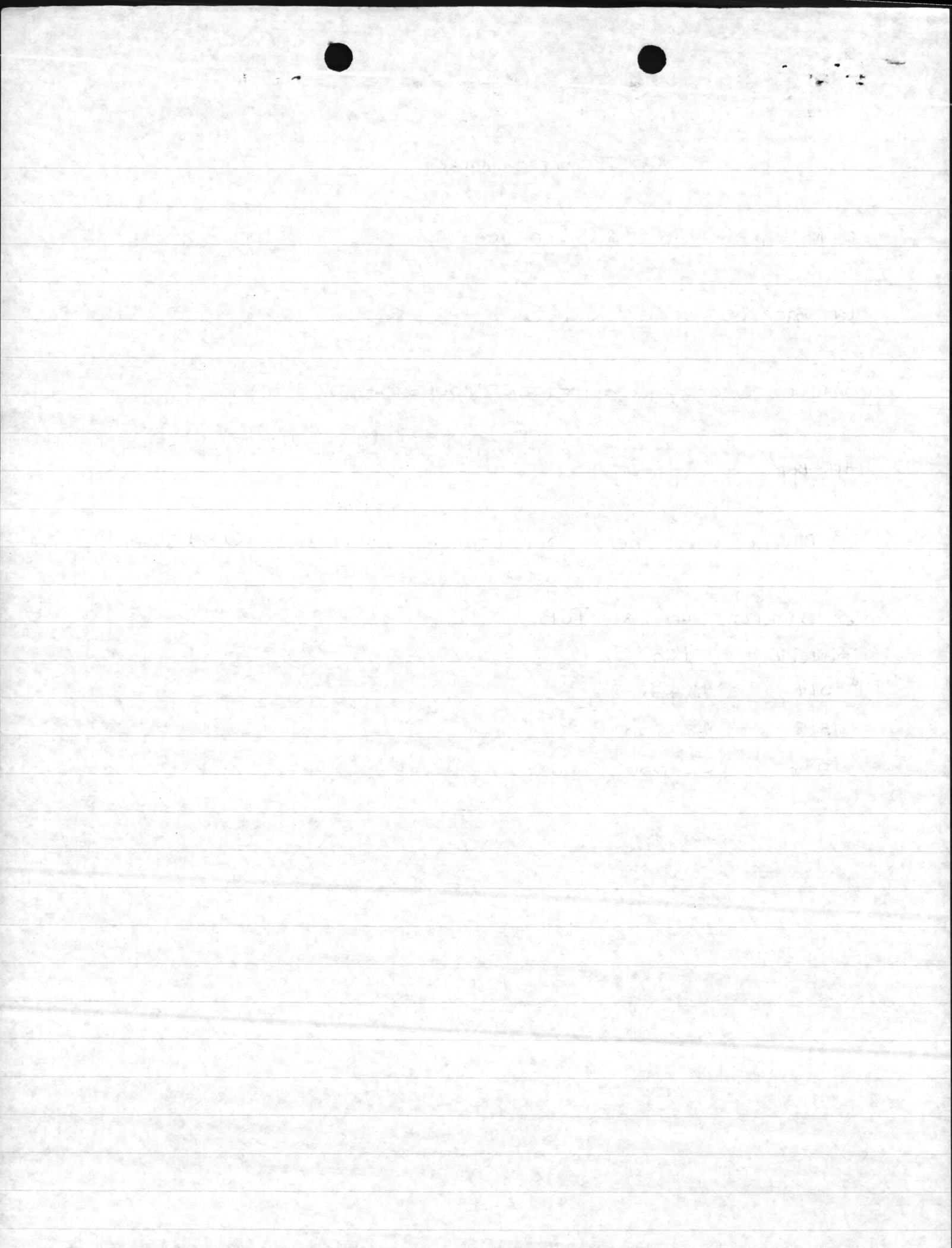
SAMPLES WERE COMPOSITED IN GROUPS OF 5

~~ALL BUT~~

58 BARRELS WERE BELOW DETECTABLE LIMIT OF 5 ppb.

3 BARRELS SHOWED PCB.

BARREL	PCB
# 1514	13 ppb
1515	1670 ppb
1516	22 ppb



T-6241/3

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)

LANTDIV C007/142

DATE

8 JAN 86

SUBJECT

TEST RESULTS

SERIAL OR FILE NO.

6280 1142096

TO:

MCB CAMP LEJUNE
BASE MAINTENANCE
ENVIRONMENTAL AFFAIRS
DIVISION

REFERENCE

ENCLOSURE

(1) JTC REPORT #194
(2) JTC REPORTS # 208
AND 209

TI+HP TREATED
WATER VOL

VIA:

ENDORSEMENT ON

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

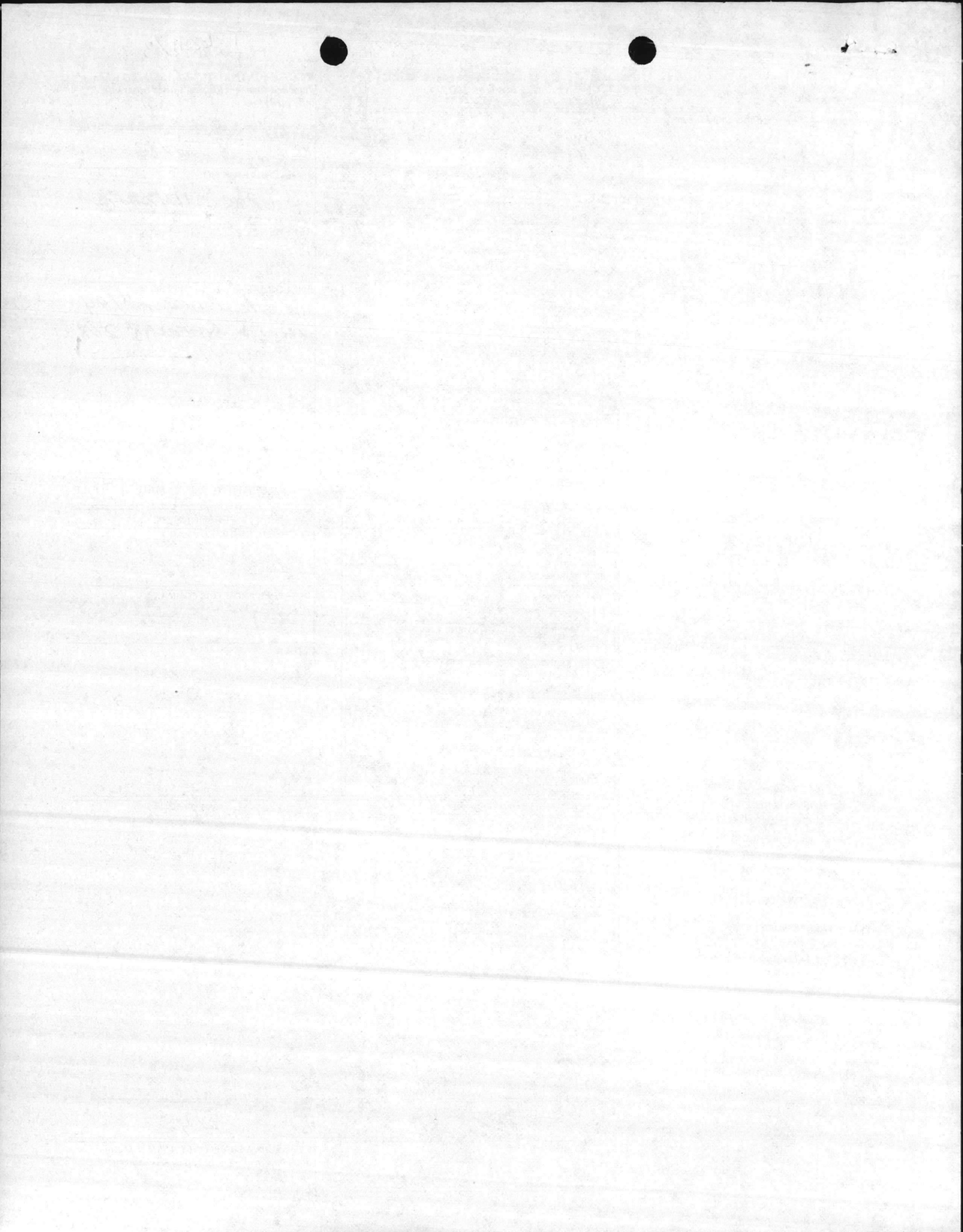
GENERAL ADMINISTRATION	CONTRACT ADMINISTRATION	PERSONNEL
<input checked="" type="checkbox"/> FOR APPROPRIATE ACTION UNDER YOUR COGNIZANCE INFORMATION	NAME & LOCATION OF SUPPLIER OF SUBJECT ITEMS	REPORTED TO THIS COMMAND:
APPROVAL RECOMMENDED <input type="checkbox"/> YES <input type="checkbox"/> NO	SUBCONTRACT NO. OF SUBJECT ITEM	DETACHED FROM THIS COMMAND
<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED	APPROPRIATION SYMBOL, SUBHEAD, AND CHARGEABLE ACTIVITY	
COMMENT AND/OR CONCURRENCE CONCUR	SHIPPING AT GOVERNMENT EXPENSE <input type="checkbox"/> YES <input type="checkbox"/> NO	OTHER
LOANED, RETURN BY:	A CERTIFICATE, VICE BILL OF LADING	
SIGN RECEIPT & RETURN REPLY TO THE ABOVE BY:	COPIES OF CHANGE ORDERS, AMENDMENT OR MODIFICATION	
REFERENCE NOT RECEIVED	CHANGE NOTICE TO SUPPLIER	
SUBJECT DOCUMENT FORWARDED TO:	STATUS OF MATERIAL ON PURCHASE DOCUMENT	
SUBJECT DOCUMENT RETURNED FOR:	REMARKS (Continue on reverse)	
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	SIGNATURE & TITLE <i>David Beaman</i> 1142	

COPY TO:

(w/o ENCL (1))
1141, 1142, 1143 (w/o ENCL (2)), 1145, 115

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

ORIGINAL IN 11337



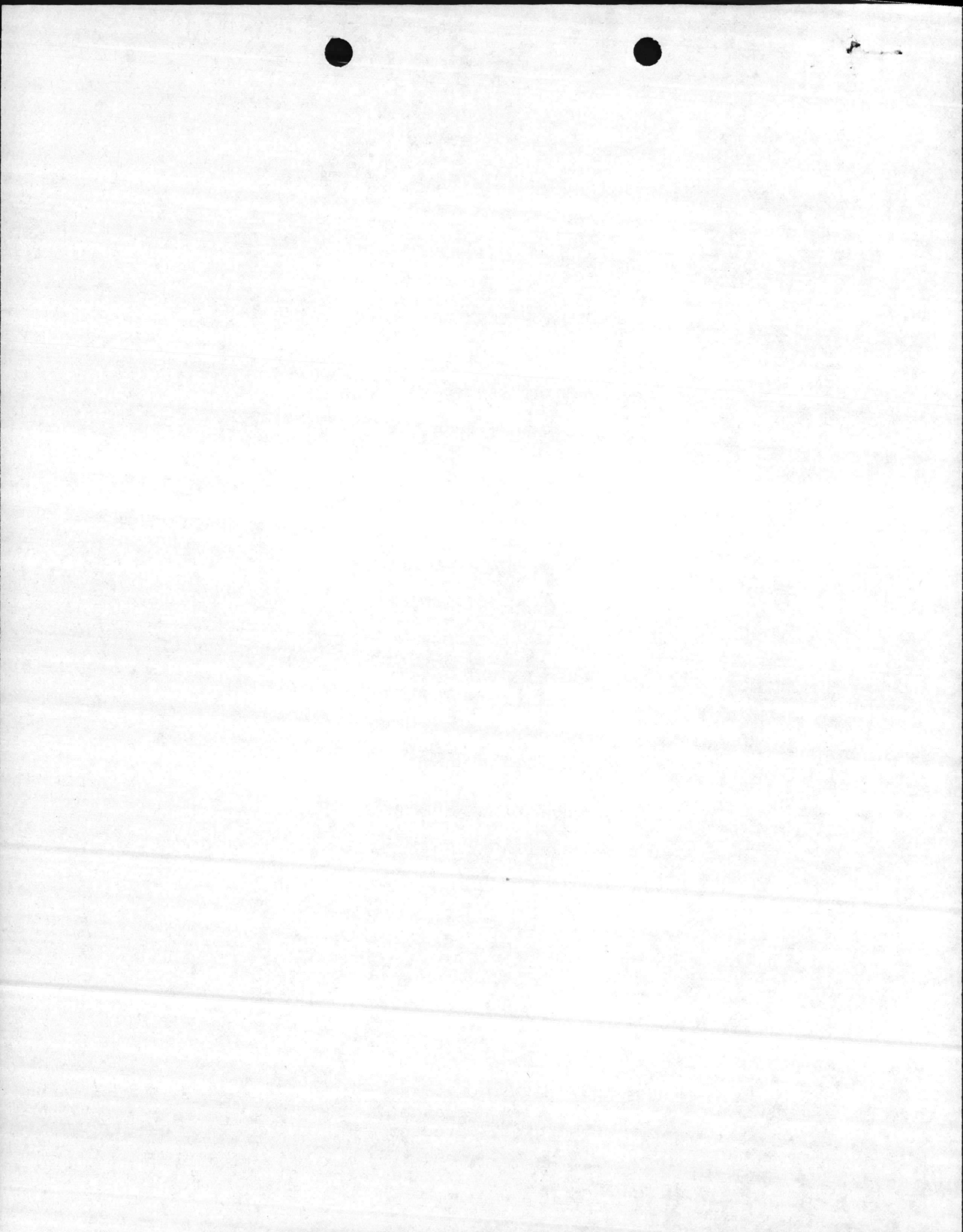
REPORT # 194 Addendum
LABORATORY ANALYSIS ON
NAVAL SAMPLES
(A/E CONTRACT N62470-84-B-6932)
JTC REPORT # 85-543

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

JANUARY 2, 1986

Ann E. Rosecrance
Ann E. Rosecrance
Laboratory Director





1986

6241/3

