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Author

Corporate Author

Report/Article Title Sampling Results: Naval Construction Battalion Center
and Eglin AFB, 9/2/1975 to 6/30/1976

Journal/Book Title

Year 1975

Month/Day

Color ☐

Number of Images 62

Description Notes Items were filed together under the label, " TCDD Analysis -
Wright State University"

SOIL/BIOLOGICAL SAMPLES

WRIGHT STATE LABORATORY, DAYTON, OHIO

TCDD ANALYSIS

2 Sept 1975

<u>LOCATION</u>	<u>DESCRIPTION</u>	<u>DATE</u>
- AFLC Test Range Plot #1	0-6"	23 June 75
- AFLC Test Range Plot #1	6-12"	23 June 75
- AFLC Test Range Plot #2	0-6"	23 June 75
- AFLC Test Range Plot #2	6-12"	23 June 75
- AFLC Test Range Plot #3	0-6"	23 June 75
- AFLC Test Range Plot #3	6-12"	23 June 75
- AFLC Test Range Plot #4	0-6"	23 June 75
- AFLC Test Range Plot #4	6-12"	23 June 75
- AFLC Test Range Plot #5	0-6"	23 June 75
- AFLC Test Range Plot #5	6-12"	23 June 75
- AFLC Test Range Plot #6	0-6"	23 June 75
- AFLC Test Range Plot #6	6-12"	23 June 75
- AFLC Test Range Plot #5	0-6"	24 Nov 74
- AFLC Test Range Plot #5	6-12"	24 Nov 74
- Garden City, Kansas	0-6"	14 Jan 75
- Garden City, Kansas	0-6"	22 Mar 74
- Garden City, Kansas	0-6"	29 June 72
- Johnson Island N-7	4-6"	31 July 74
- Johnson Island N-7	2-4"	31 July 74
- Johnson Island Snails	2-4"	31 July 74
- Lab TCDD w/o Orange		22 Jan 75
- Lab TCDD w Orange		22 Jan 75
- Eglin AFB Plot #6, Soil	0-6"	5 Apr 75
- Eglin AFB Plot #6, Soil	6-12"	5 Apr 75
- Eglin AFB Plot #7, Soil	0-6"	5 Apr 75
- Eglin AFB Plot #7, Soil	6-12"	5 Apr 75
- Eglin AFB Plot #10, Soil	0-6"	5 Apr 75
- Eglin AFB Plot #10, Soil	6-12"	5 Apr 75

NOT DONE

SAMPLES FOR WRIGHT STATE UNIVERSITY

TCDD ANALYSIS

Submitted 2 SEPT 1976

WASL LAB NO

DESCRIPTION

DATE

Mr. R.R. Whisler

Give complete list of samples @ W. St. to Sam H.

Re-negot. contract at present time for next five years.

Neg. Recovery of G.P.

Send copy of DOW's analytical method
to Taylor @ Wright St.

SAMPLE ORIGIN — USAF Academy
DATE — SEPT. 5, 1975

SAMPLE # on I.D. LABORATORY #

* ☐ SNAILS (JOHNSTON ISLAND) 1-1A Not done
Thawed

Johnston Island, N-7 2-4" 7/31/74 JT 1-2A
Johnston Island, N-7 4-6" 7/31/74 JT 1-3A

1st only
1st only
1st only

USAF LAB ^{study:} W/ORANGE 1-4A
USAF LAB ^{study:} W/O/ORANGE 1-5A

Garden City, ~~E~~ KANSAS 0-6" 6/29/72 1-6A
Garden City, ~~E~~ KANSAS 0-6" 1/14/75 1-7A
Garden City, ~~E~~ KANSAS 0-6" 3/22/74 1-8A

Hill AFB, UT AFLC # 56-12" 11/24/74 1-9A ← #4 Group
Hill AFB AFLC # 66-12" 6/23/75 1-10A Shiba Bock
Hill AFB AFLC # 1 0-6" 6/23/75 1-11A 28 Jan 76
Hill AFB AFLC # 1 6-12" 6/23/75 1-12A
Hill AFB AFLC # 2 0-6" 6/23/75 1-13A
Hill AFB AFLC # 2 6-12" 6/23/75 1-14A
Hill AFB AFLC # 6 0-6" 6/23/75 1-15A

Hall AFB etc.

AFLC #4 0-6 6/23/75	1-16A	
AFLC #4 6-12 6/23/75	1-17A	
AFLC #3 0-6 6/23/75	1-18A	
AFLC #3 6-12 6/23/75	1-19A	
AFLC #5 0-6" 6/23/75	1-20A	GC-MS #2 To be repeated
AFLC #5 6-12 6/23/75	1-21A	#5
AFLC #5 0-6" 11/24/74	1-22A	GC-MS #1

*Shibi's Book
28 Jan 76

THE FOLLOWING SAMPLES WERE
RECEIVED FROM USAF ACADEMY DURING
JANUARY¹⁹⁷⁶, AND ARE DUPLICATES OF
CERTAIN OF THE ABOVE SAMPLES:

CONTROL BIODEG AFLC
TEST RANGE, UTAH
24 NOV 75

WITH
[DOPED, TCDD]

See DOPED CONTROL Soil
#1, #2, & #3 shibi's Book
23 Jan 76

PLOT #5, AFLC, TEST RANGE,
UTAH, 4000 LB/A ORANGE
6-12", 24 NOV 75
NEW

#6

See
Shibi's book
28 Jan 76

PLOT #5, AFLC, TEST RANGE
UTAH, 4000 LB/A ORANGE
0-6", 24 NOV 75
NEW

#3

GC-MS

SAMPLE ORIGIN - U.S. DEPT. OF INTERIOR
DATE - 9/15/25

SAMPLE # or ID. LABORATORY #

1

1-23 A

2

1-24 A

3

1-25 A

4

1-26 A

5

1-27 A

Not done

6

1-28 A

7

1-29 A

8

1-30 A

9

1-31 A

10

1-32 A

11

1-33 A

12

1-34 A

13

1-35 A

~~XXXXXXXXXX~~

~~XXXXXXXXXX~~

STAINING SAMPLES - DEPT OF INTERIOR

RECEIVED OCT 14, 1975

✓ = 20 ml concentrated to 2 ml. 1g column eluted. Shubs back

<u>SAMPLE</u>	<u>LABORATORY #</u>
J.P.I - 7TH ^{FROM 100 ML} 100 ML 1 PPM TCDD ORANGE → 1000 ML WITH ACETONE; 1g C.C.	1-36 A ✓ ^{concentrated & column eluted Shubs back.}
J.P.I - 2ND 50 ML FROM 100 ML 1 PPM TCDD ORANGE → 1000 ML WITH ACETONE; 1g C.C.	1-37 A ✓
J.P. 9TH 100 ML LOW LOAD 100 ML 1 PPM TCDD → 1000 ML WITH ET OAC	1-38 A ✓ GC-MS
J.P.I - 8TH 100 ML FROM 100 ML 1 PPM TCDD ORANGE → 1000 ML WITH ACETONE; 1g C.C.	1-39 A ✓
9-15-75 #4 PROCEDURAL Blank C ₆ H ₆ REFLEX OF DARC - VOLUME UNKNOWN	1-40 A ✓

9-15-75 #15 (PROC. BUNK)

EtOAc - 0 - 100 mL DAPLO COL.

1-41 A ✓

JPI-3 9-12-75 1.0 g

C.C. TREATED WITH SPANGE

CONT. = 275 g/g Δ 950°, DRY

1-42 A ✓

JP-6TH 100 ML LOW LOAD

100 ML 1 PPM TCDD - 100 ML

WITH ~~ALCOHOL~~ EtOAc

1-43 A ✓ GC-MS

J.P. 4TH 100 ML LOW LOAD

100 ML 1 PPM TCDD - 100 ML

WITH EtOAc

1-44 A ✓ GC-MS

J.P. 100 ML TOLUENE WASH

OF C.C. LOW LOAD

1-45 A ✓

9-15-75 #15 PROCEDURE BUNK

20% ϕ CH₃ IN PET. ETHER

(100 - 180 mL)

1-46 A ✓

JPI-3RD 50 ML FROM 100 ML

1 PPM TCDD CEMEC - 1000 ML WITH ACETONE

1-47 A ✓

J.P. 100 mL PH WASH OF

C.C. LOW LOAD TCOO

1-54 A ✓

J.P. 100 mL ALKALINE WASH

OF C.C. LOW LOAD TCOO

1-55 A ✓

9-15-75 #14. (PREC. BLANK) 20%

ϕ CH₃ - IN PET ETHER (100-180 mL)

DARCO COLUMN 80 ML.

1-56 A ✓

J.P.I-1 BLANK - 9g C.C.

REFLOWED 2 HRS. WITH ETDA +

125 ML VCL → 250 ML, 50 ML PET ETHER

1-57 A ✓

J.P.I-2 BLANK, 7g C.C.

REFLOWED 17.5 HRS. WITH ϕ H

(25 ML) → 250, 50 ML PET ETHER

1-58 A ✓

J.P-3RD 100 ML LOW LOAD

100 ML TCOO → 1000 ML. WITH

ETDA

1-59 A ✓ GC-MS

J.P.I. 10TH 100 ML FROM 100 ML

1 PPM TCDD ORANGE → 1000 ML

WITH ACETONE; 1g C.C.

1-60 A ✓

J.P. 7TH 100 ML LOW LOAD

100 ML 1 PPM TCDD → 1000 ML

1-61 A ✓ GC-MS

J.P.I. - 100 ML PH WASH OF 1g

C.C. TREATED WITH 100 ML

1 PPM TCDD IN 1000 ML ACETONE SOLN.

1-62 A ✓

J.P. 10TH 100 ML LOW LOAD

100 ML 1 PPM TCDD → 1000 ML

WITH ET OAC

1-63 A ✓ GC-MS

J.P.I. - 100 ML ACETONE WASH OF

1g C.C. TREATED WITH 100 ML

OF 1 PPM TCDD IN 1000 ML

ACETONE SOLN.

1-64 A ✓

J.P. 2ND 50 ML LOW LOAD

100 ML 1 PPM TCDD → 1000 ML

WITH ET OAC

1-65 A ✓ GC-MS

J.P.I. - 5TH 100 ML FROM
100 ML 1 PPM TCDD ORANGE
+ 1000 ML WITH ACETONE 1g^{c.c.}

1-66 A^u

J.P.I. - 9⁸TH 100 ML FROM
100 ML 1 PPM TCDD ORANGE
1000 ML WITH ACETONE; 1g^{c.c.}

1-67 A^u

J.P. 5TH 100 ML LOW LEAD
100 ML 1 PPM TCDD - 1000 ML
WITH ET₂O AC

1-68 A^u GC-MS

J.P. 1ST 50 ML LOW LEAD
100 ML OF 1 PPM ORANGE
1000 ML WITH ET₂O AC

1-69 A^u GC-MS

J.P.I. 100 ML ϕ -CH₃ WASH
OF 1g c.c. TREATED WITH
100 ML OF 1 PPM TCDD
1000 ML OF ACETONE SOLN

1-70 A^u ✓

J.P.I. - 4 9-17-75 0.5g

C.C. TREATED WITH ORANGE

CONTAINS. $\approx 275 \mu\text{g/g}$ TEOD

COMBUSTED @ 4500 - COLD

TRAP - 400C

1-71 A ✓

J.P.I. - 3 BLANK 1g.

C.C. A TO 4500

1-72 A ✓

J.P.I. - 4 BLANK 0.5g

C.C. A 4500C

1-73 A ✓

9-15 #14 (PRO-BLANK) (E2A)

-0-100 (DMCO) -36 -40 WASH

2cm x .8 IN COLUMN 100ML

1-74 A ✓

9-15-75 #15 BLANK C₆H₆

WASH REFUX OF DMCO -

VOLUME UNKNOWN

1-75 A ✓

J.P. 8TH 100ML LOW LOAD

100ML 1ppm TEOD 100ML

1-76 A ✓ CR-MS

J.P. 3rd 50ml low

LOAD 100ml; 1ppm

TRDD $\approx$ 1000ml ETOL

1-77A $\checkmark$ GC-MS

J.P.I. 4TH 100ml

FROM 100ml; 1ppm TRDD

ORANGE $\rightarrow$ 1000ml WITH

Acetone 1g C.C.

1-78A $\checkmark$

J.P.I. 6TH 100ml FROM

100ml 1ppm TRDD

ORANGE $\rightarrow$ 1000ml WITH

Acetone; 1g C.C.

1-79A $\checkmark$ Repeated

EPA TECH GRADE PESTICIDE SAMPLES

RECD. OCT 15, 1975

SAMPLE #	LABORATORY #
EPA - PCP - 0001	1-80A
0002	1-81A
0003	1-82A Not for
0004	1-83A
0005	1-84A
0006	1-85A
0007	1-86A
0008	1-87A
0009	1-88A
0010	1-89A
0011	1-90A
0012	1-91A
0013	1-92A
0014	1-93A
0015	1-94A
0016	1-95A
0017	1-96A

AFLC SEDIMENT SAMPLES

RCD 10/20/75

SAMPLE #	LABORATORY #
EPA - #1	1-97A ^{Also reported in Tenn's Book 10 Nov 76}
SITE - #2	1-98A ^{16 Jan 76, 27 Feb 76, 29 Feb 76}
EPA - #3	1-99A ^{22 Feb 76}
SITE - #4	1-100A ^{22 Feb 76}

AFLC WATER SAMPLES

SAMPLE #	LABORATORY #
EPA - #1	1-101A ^{19 Feb 76, Tenn's Book}
SITE - #2	1-102A ^{??}
EPA - #3	1-103A ^{Also reported}
SITE - #4	1-104A ^{??}

AFLC HERBICIDE ORANGE SAMPLES

RCD. FROM GULFPORT

(LABORATORY NUMBER CORRESPONDS TO BARREL NUMBER)

US DEPT INT STATINGS SAMPLES (PCB)

REC'D. Nov 1, 1975

WV = ~~RECEIVED FROM THE DEPARTMENT OF THE ARMY~~ Slits Jack.
Column eluted.

SAMPLE

LABORATORY #

JPI-7TH 100ML, 2g PCB
C.C. 100 ML ORANGE, 14 ug
/ML $\rightarrow$ 100 ML W/ ACETONE

1-105 A ~~4~~ GC-MS

JPI-6TH 100ML, 2g PCB
C.C. 100 ML ORANGE, 14 ug/
ML, $\rightarrow$ 1000 ML W/ ACETONE

1-106 A ~~4~~ GC-MS

JPI-1PST 50ML FROM 2.0 g
^{TREATED}
PCB C.C. 100 ML ORANGE, CONT =
14 ug/ML $\rightarrow$ 1000 ML W/ ACETONE

1-107 A ~~4~~ GC-MS

JPI-3RD 100ML 2.0g PCB
C.C. 100 ML, 1 ug/ML $\rightarrow$ 1000
ML W/ ACETONE

20 ml when concentrated to 2 ml in
a stream of air a white crystalline
precipitate appears.

1-108 A ~~4~~ GC-MS

JPI-4TH 50ML 2.0g PCB
C.C. 100 ML, 1 ug/ML $\rightarrow$ 1000
ML W/ ACETONE

A white crystalline precipitate
appears when 20 ml is concentrated
to 2 ml in a stream of air.

1-109 A ~~4~~ GC-MS

JPI 100 mL EtOAc Wash
of 2.0g PCB Columns with
14 $\mu\text{g}/\text{mL}$

1-110 A ✓ GC-MS

JPI 1st 50 mL of 2.0
g PCB C.C. Treated w/
100 mL of 1 $\mu\text{g}/\text{mL}$ TCOD ORANGE

→ 1000 mL w/ Acetone

A white crystalline precipitate
appears when 20 mL is concentrated
to 2 mL in a stream of air
(a bit more than fresh air)

1-111 A ✓ Repeated
GC-MS

JPI 9th 100 mL, 2.0g PCB
C.C. 100 mL ORANGE, 14 $\mu\text{g}/\text{mL}$
→ 1000 mL w/ Acetone

1-112 A ✓ GC-MS

JPI 100 mL Acetone Wash
of 2.0g PCB Column with
14 $\mu\text{g}/\text{mL}$

1-113 A ✓ GC-MS

JPI 100 mL $\phi\text{-CH}_3$ Wash
of 2.0g PCB Column with
14 $\mu\text{g}/\text{mL}$

1-114 A ✓ GC-MS

JPI - 5th 100 mL, 2.0g PCB
C.C. 100 mL, 1 $\mu\text{g}/\text{mL}$ → 1000
mL w/ Acetone

Little or no precipitate when
20 mL is concentrated to 2 mL
in a stream of air.

1-115 A ✓ GC-MS

JPI - 2ND 50 ML 2.0g PCB

C.C. 100 ML, 14 μ g / ML $\rightarrow$ 1000 ML

W / ACETONE

1-116 A

GC-MS

JPI 100 ML PH WASH OF

2.0g PCB COLUMN W / 14 μ g / ML

1-117 A

GC-MS

JPI 8TH 100 ML, 2.0g

PCB C.C. 100 ML ORANGE, 14 μ g /

ML $\rightarrow$ 1000 ML W / ACETONE

1-118 A

GC-MS

JPI - 10TH 100 ML, 2.0g

PCB C.C. 100 ML ORANGE,

14 μ g / ML $\rightarrow$ 1000 ML W / ACETONE

1-119 A

GC-MS

JPI - 3RD 50 ML 2.0g PCB

C.C. 100 ML ORANGE, 14 μ g / ML $\rightarrow$

1000 ML ACETONE

1-120 A

GC-MS

JPI 3RD 100 ML 2.0g

PCB C.C. 100 ML ORANGE,

14 μ g / ML $\rightarrow$ 1000 ML W / ACETONE

1-121 A

GC-MS

JPI - 4TH 100 mL 2.0g
PCB C.C. 100 mL, 1ug/mL
→ 1000 mL W/ ACETONE 1-122 A ~~✓~~ GC-MS

JPI - 4TH 100 mL 2.0g
PCB C.C. 100 mL ORANGE
14 ug/mL → 1000 mL W/ ACETONE 1-123 A ~~✓~~ GC-MS

JPI 3RD 50 mL 2.0g PCB
C.C. 100 mL, 1ug/mL →
1000 mL W/ ACETONE 1-124 A ~~✓~~ GC-MS

JPI 4TH 50 mL 2.0g PCB
C.C. 100 mL ORANGE 14 ug/mL
→ 1000 mL W/ ACETONE 1-125 A ~~✓~~ GC-MS

JPI 5TH 100 mL 2.0g PCB
C.C. 100 mL ORANGE 14 ug/mL
→ 1000 mL W/ ACETONE 1-126 A ~~✓~~ GC-MS

JPI - 8TH 100 mL 2.0g PCB
C.C. 100 mL 1ug/mL →
1000 mL W/ ACETONE 1-127 A ~~✓~~ Repeated
GC-MS

JPI - 7TH 100 mL 2.0g

PCB C.C. 100 mL, 1 mg/mL

→ 1000 mL w / ACETONE

1-128 A ✓ GC-MS

JPI - 9TH 100 mL 2.0g PCB

C.C. 100 mL, 1 mg/mL → 1000

mL w / ACETONE

1-129 A ✓ GC-MS

JPI - 6TH 100 mL 2.0g PCB

C.C. 100 mL, 1 mg/mL → 1000

mL w / ACETONE

1-130 A ✓ GC-MS

JPI - 2ND 50 mL, 2g PCB

C.C. 100 mL ORANGE, 14 mg/mL

→ 1000 mL ACETONE

1-131 A ✓ GC-MS

JPI - 100 mL EtOAc WASH

OF 2.0g PCB C.C. COLUMN

1 mg/mL

1-132 A ✓

JPI - 100 mL ΦH WASH

OF 2.0g PCB C.C. COLUMN

1 mg/mL

1-133 A ✓

JPI - 100 mL ϕ -CH₃

WASH OF 2.0g PCB c.c.

Column, 1 ug/mL

1-134 A

JPI - 10TH 100 mL

2.0g PCB c.c. 100 mL

1 ug/mL $\approx$ 1000 mL w/ Acetone

1-135 A ~~AC-MS~~

JPI - 100 mL ACETONE

WASH OF 2.0g PCB c.c.

Column, $\frac{1}{2}$ ug/mL

1-136 A

AFLC AMBIENT AIR SAMPLES

RCVD NOV 12, 1975 (GULFPORT)

SAMPLE #

LABORATORY #

AP ϕ 1N ϕ 8W

1-137 A

(LEAKED IN SHIPMENT)

Badley contain 2 cap liner.

AP ϕ 2N ϕ 8W

GMS 1-138 A

49 Feb 76, J.B.
concentrated
26 Feb 76
Mini Column

AP ϕ 3N ϕ 8W

11 1-139 A

11

AP ϕ 4N ϕ 8W

11 1-140 A

14 JAN 76 concentrated
John's Book
#6 3 Feb 76 John's
19 Feb 76, J.B. 600

AO ϕ 3N ϕ 8W

11 1-141 A

14 JAN 76
John's Book
16 Feb 76, John's Book
18 Feb 76 J.B.
Mini Column

John's Book
11 JUNE 76

HCDD & OCDD SAMPLES

GENEFITRELL

Rec'd. 11/20/25

SAMPLE #

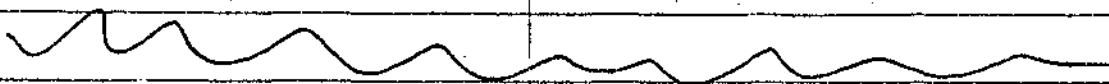
LABORATORY #

340-2-82A^{HCDD}

1-142 A

340-2-51B^{OCDD}

1-143 A



NOT USAFA

Don
HARRISON

EGLIN AFB Soil Samples

~~#10~~

REC'D JAN 9, 1976

SAMPLE # or I.D.

LABORATORY #

#1

1-144 A

#2

1-145 A

#3

1-146 A

#4

1-147 A

#5

1-148 A

#6

1-149 A

#7

1-150 A

#8

1-151 A

#9

1-152 A

#10

1-153 A

#11

1-154 A

#12

1-155 A

RWD 1/26/76

USAF ACADEMY SOIL SAMPLES

AFLC TEST RANGE, UTAH

SAMPLE # 0710
6/23/73?

LABORATORY #

PLOT # 1

0-6" 1-156 A

PLOT # 1 6-12" 1-157 A

PLOT # 2 0-6" 1-158 A

PLOT # 2 6-12" 1-159 A

PLOT # 5 0-6" 1-160 A

PLOT # 5 6-12" 1-161 A

PLOT # 6 0-6" 1-162 A

PLOT # 6 6-12" 1-163 A

CONTROL BIOLOG 1-164 A

SUBMITTED 20 JAN 1976

DON
HARRISON

EGLIN AFB SOIL SAMPLES
No. over (MIGHT BE (HIGHER))
VCRD. 1/21/76
1/21/76

# 1	1-165 A
# 2	1-166 A
# 3	1-167 A
# 4	1-168 A
# 5	1-169 A
# 6	1-170 A
# 7	1-171 A
# 8	1-172 A
# 9	1-173 A
# 10	1-174 A
# 11	1-175 A
# 12	1-176 A

TUESDAY 9:00 AM

2/3/76

SAMPLES RECEIVED FROM GULFPORT

FILTER PAPER WIPES

SAMPLE #

LABORATORY #

- | | |
|---------------------|-----------|
| (25) WE30J09LO1W | ✓ 1-177 A |
| (26) WY30J08LO1W | ✓ 1-178 A |
| (27) WA " " | ✓ 1-179 A |
| (28) WG " " | ✓ 1-180 A |
| (29) WC " " | ✓ 1-181 A |
| (52) WB 30J12LO1W-1 | ✓ 1-182 A |
| (53) WD " " -2 | ✓ 1-183 A |
| (54) WF " " -3 | ✓ 1-184 A |
| (55) WZ " " -4 | ✓ 1-185 A |
| (56) WF 30J09LO1W | ✓ 1-186 A |
| (57) WH 30J16LO1W | ✓ 1-187 A |

all samples have been received and analyzed. RITCHEE CAN HAVE SAMPLES.

HERBICIDE ORANGE SAMPLES

- | | |
|-------------------|-----------|
| HR 29J14LO1W (22) | ✓ 1-188 A |
| HF 30J16LO1W (64) | ✓ 1-189 A |

Feb 76
John's Beck
C. Immerslund
98

(OVER)

PERSONELL SAMPLES

- ⑤① IB 30J 08 L01 W ^{EX-MS} ✓ 1-190 A ✓
 ④⑨ IC 30J 12 L01 W ✓ 1-191 A ✓
 ⑤② IC 30J 08 L01 W ✓ 1-192 A ✓
- 17 Feb 76
 13 Feb 76
 John's Book
 Mini column
 also 13
 13 Feb 76
 John's Book
 16 Feb 76
 Mini column

ACETONE ALIQUOTS

- ③① MR 30J 08 L01 W-25 ✓ 1-193 A 6 FEB 76 John's Book
 ③② MR 30J 11 L01 W-20 ✓ 1-194 A 16 Feb 76 Column eluted
 ③③ MI 30J 08 L01 W-32 ✓ 1-195 A ??
 ③④ MI 30J ^{7 LENSES} -48 ✓ 1-196 A ??
 ③⑤ MI 30J 09 L01 W-15 ✓ 1-197 A ??
 ③⑥ MI 30J 10 L01 W-15 ✓ 1-198 A ??
 ③⑦ MI 30J 11 L01 W-15 ✓ 1-199 A ??
 ③⑧ MI 30J 12 L01 W- ✓ 1-200 A ??
 ④⑩ MI 30J 13 L01 W ✓ 1-201 A ??
 ④⑪ MI 30J 14 L01 W ✓ 1-202 A ??
 ④⑫ MR 30J 14 L01 W ✓ 1-203 A ??

AMBIENT AIR

[For explanation of
 Codes see Hughes
 letter of 10 Nov 75 to
 Tiernan]

- ④⑬ AN 30J 08 L01 W Interferences 1-204 A 18 Feb 76 John's Book 13 Feb 76
 ④⑭ AS " (linked?) " ✓ 1-205 A 16 Feb 76 John's Book 13 Feb 76

AMBIENT AIR (CONT.)

- (47) AE 30J08 (01 W) ✓ ^{GEMS} 1-206 A ^{5 Feb 76 John's Book}
 (48) AW 30J08 (01 W) ✓ 1-207 A ^{5 Feb 76 John's Book}
 (65) AP 01 F08 L01 W ✓ 1-208 A ^{5 Feb 76 John's Book}

RINSES

- (63) ACETONE RINSE ✓ 1-209 A ^{5 Feb 76 John's Book}
 (64) ACETONE RINSE ✓ 1-210 A ^{5 Feb 76 John's Book}

RECOVERED ACETONE

- (58) MA 31J10 L01 W-15 ✓ 1-210 A ^{5 Feb 76 John's Book}
 (30) MA 30J08 L01 W ✓ 1-211 A ^{5 Feb 76 John's Book}

to quantity
 for GEMS

TEST #2

Samples Received from Duffport Mass. - 2/6/76 -
AFLC - Agent Proctor Samples -

Ambient Air Samples -

all samples of this
date in Safety Cabinet

AE 04 F08 L02 W (#86) -

GC-MS

✓ 1-212 A

AS 04 F08 L02 W (#85)

✓ 1-213 A

AP 04 F08 L02 W (#88)

✓ 1-214 A

AN 04 F08 L02 W (#84)

+ Depled 1-215 A

AW 04 F08 L02 W (#87)

✓ 1-216 A

Canister Scrubbed Water
CF 27 J11 W (#91)

1-217 A ← Not done

Clear Section

XC 04 F11 L02 W (11:00) (#72)

✓ 1-218 A

X(G04) F21 C02 W (21:00) (#106)
(number on label obliterated)

✓ 1-219 A

Raw Herbs

HR 31 J15 L02 W (#81)

GC-MS

✓ 1-220 A

~~Proctor~~ Proctor Samples

IK 04 F18 L02 W (#95)

✓ 1-221 A

IK 04 F12 L02 W (#92)

✓ 1-222 A

IK 04 F14 L02 W (#93)

✓ 1-223 A

IK 04 F15 L02 W (#94)

✓ 1-224 A

IK04F08L02W- (#89)

GC-MS

✓ 1-225A

12 Feb 76
John's Book
Mini column

IK04F10L02W (#90)

✓ 1-226A

✓ 99

IK04F11L02W (#91)

✓ 1-227A

16 Feb 76
John's Book
Mini column

Acetone
of Cambridge

XR 04F 20L02W(2033) (#111)

GC-MS

✓ 1-228A

17 Feb 76
John's Book
Concentration

Raw Hydrocarbons - Acetone Mixture

GC-MS

HR
54

MR 04F19L02W (#110)

✓ 1-229A

9 Feb 76
John's Book
Column elution

MR 04F08L02W (0825) (#79)

✓ 1-230A

15 Feb 76
John's Book
Depos

MR 04F10L02W (1000) (#80)

✓ 1-231A

MR 04F16L02W (1615) (#109)

✓ 1-232A

1st filter herb sample / (herb acetone mixtures)

MI 04F17L02W (1715) (#107)

✓ 1-233A

MI 04F19L02W (1900) (#108)

✓ 1-234A

MI 04F13L02W (1315) (#77)

✓ 1-235A

18 Feb 76
John's Book
Elution

MI 04F08L02W (0845) (#74)

✓ 1-236A

MI 04F15L02W (1515) (#78)

✓ 1-237A

✓ MI 04F08L02W (0830) (#73)

✓ 1-238A

18 Feb 76
John's Book
Elution

MI 04F11L02W (1115) (#76)

✓ 1-239A

✓ MI 04F09L02W (0915) (#75)

✓ 1-240A

NOTE: # 212-240 discarded.

Wipe Samples -

GC-MS

WEE 04F 20L02W (#103)	✓ 1-241 A
W 204F 13L02W (#100) (#100)	✓ 1-242 A
WFO4F13L02W (#99)	✓ 1-243 A
✓ WA04F08L02W (#67)	✓ 1-244 A
✓ WC04F08L02W (#68)	✓ 1-245 A
✓ WY04F08L02W' (#70)	✓ 1-246 A
✓ WG04F08LW' (#66)	✓ 1-247 A
✓ WE04F08L02W' (#69)	✓ 1-248 A
✓ WCC04F13L02W' (#96)	✓ 1-249 A
✓ WB04F13L02W' (#97)	✓ 1-250 A
✓ WH04F20L02W' (#101)	✓ 1-251 A
✓ WDD04F20L02W' (#102)	✓ 1-252 A
✓ WD04F13L02W' (#98)	✓ 1-253 A
WGG04F20L02W' (#105)	✓ 1-254 A
WFF04F20L02W' (#104)	✓ 1-255 A

All samples have been run and containers empty + in storage

all samples of the
detritus Solids
Collection

HERBICIDE ORANGE Samples Recd 2/10/76

* from Skilling

HIGH HERB $\approx 14 \text{ ppm}$
(GCW)

Low HERB FY94631135 $\approx 1 \text{ ppm}$

1-256 A

1-257 A

Recd 10 Feb 76

HF06F10L02W (#102) ^{GC-MS} ✓ 1-258A <sup>17 Feb 76
John's book
columns dated</sup>
Time 1000 hrs Drum # 1003

HF06F11L02W (#115) ✓ 1-259A <sup>17 Feb 76
John's book
columns dated</sup>
Time 1100 hrs Drum # 1004

{ all samples of this date in Safety Cabinet } Recd. 12 Feb 1976

Ambient Air Samples

✓ AP09F09L02W (#118) GC-MS 1-260A <sup>16 Feb 76
John's book
columns dated</sup>
↑ <sup>18 Feb 76
Mini-micro
columns</sup>
{ John's Book
11 JUNE 76

Room Handicaps

HR11F13L02W (#124) " 1-261A <sup>17 Feb 76
John's book
columns dated</sup>
HR11F14L02W (#126) " 1-262A " ✓
HR11F12L02W (#122) " 1-263A " ✓

Wipe Samples

WE11F14L02W (#120) ^{GC-MS} ✓ 1-264A

WH11F14L02W (#119) ✓ 1-265A

Sample Origin -

USAF Academy

Date Recd -

Feb. 20, 1976

Box Label

J. Cupello
QTR 4309C

USAF Academy
Colo 80840

SOIL SAMPLES
TO BE RETURNED

Mailed 30 April 76

Box 1

Soil Samples

14 I-266A
24 I-267A
34 I-268A
44 I-269A
54 I-270A
64 I-271A
74 I-272A
84 I-273A
94 I-274A
104 I-275A

Box 2

Soil Samples

52 I-276A
62 I-277A
72 I-278A
82 I-279A
92 I-280A
102 I-281A

Refrigerated Tissue Samples

Eglin AFB, FLA

Recd Feb 20, 1976

Test Tagged Liver Site I/II M/F I-282A
Test Liver Unmarked M/F Site I/II 15-20 Dec. 75 I-283A
Test Tagged Liver F/M Site II/III I-284A

Eglin AFB, FLA

Still have

Test Liver	Unmarked M/F	Site II/III	15-20 Dec 75	I-285A
Test Tagged Skin	M/F	Site II/III		I-286A
Test Tagged Skin	M/F	Site I/II		I-287A
Test Skin				
Test 4 Skins	from 30 Day Old Pups	Collected N-9	20 Dec 75	I-288A
Test Skin	Unmarked M/F	Site II/III	15-20 Dec 75	I-289A
Test Skin	Unmarked M/F	Site I/III	15-20 Dec 75	I-290A
Test Bodies Less Skins	4 month-old Pups	Collected from N-9	20 Dec 75	I-291A
Test 4	10-Day-old Beach Mice	Site IV		I-292A
	Whole Body Analysis		20 Dec 75	
Test Wolf Spiders	Site II/III	Eglin, TA C-52A		
	Grid I	5-0.67	30 Dec 75	I-293A
Control	Unmarked Skin	M/F	15-20 Dec 75	I-294A
Control	Tagged Skin	M/F	15-20 Dec 75	I-295A
Control	Unmarked Liver	M/F	15-20 Dec 75	I-296A
Control	Tagged Liver	M/F	15-20 Dec 75	I-297A
Coachwhip Snake (1?)	Test grid	Site 1	74 Dec 75	I-298A
Grid # 142	"Bugs"	Ground Insects	20-22 Dec 75	I-299A
Toad 461g	Site I	Grid I	20 Dec 75	I-300A
Wharf Grubs	Site II	Grid 2	TA C-52A 19 Dec 75	I-301A
8 Gravidals (Gray fish)	[Box 1]	10 Jan 76	NCEC, Gulfport, MI	I-302A
Skins Beach mice	7100 gms	Control	14 Feb 76 Capt Xiang USAFA	I-303A

Eglin AFB, FL

Liver Bioassay > 40gms Control 14 Feb 76 Capt Young USAF I-304A

all jars 10 altogether:

Biological Samples 11 Jan 76 } Herbicide Resid. Feb 20, 76
Capt Young Gulfport/Miss Survey } Project

Gulfport, MS

10 Jan 76 Biological Site #1 NEBC Gulfport/Miss 6 Leaches from turette I-305A

11 11 11 11 18 Tadpoles } I-306A

23 Mosquitofish }

11 11 11 11 125 Snails I-307A

11 11 11 11 1 mole Cricket }

1 Grasshopper }

7 June bug larvae I-308A

2 Worms

37 Crickets }

10 Jan 76 11 Site #2 11 11 52 Snails I-309A

11 11 11 11 2 crayfish } I-310A

3 Larvae }

11 11 11 11 2 Tadpoles } I-311A

42 Mosquitofish }

11 Site #3 11 11 119 Mosquitofish I-312A

11 11 11 11 8 snails } I-313A

4 larvae }

Naval Construction Battalion Center, Gulfport, Miss.

Recd. Feb. 24, 1976

Ambient Air Samples

AP13F16 L02W (#136)

Mini-micro Column

John's Box

22 March 76

I-314A

6/8 MS

Personal Samples

IB13F16 L02W (#134)

Mini-micro Column

John's Box, 30 Apr 76

3 May 76

I-315A 11

IL13F16 L02W (#135)

11

I-316A 11

6/8 MS
7/6

Wipe Samples

WXX14F09 L01W (#139)

I-317A

WYY14F09 L01W (#140)

I-318A

WZZ14F09 L02W (#141)

I-319A

6/8 MS
7/6

6/8 MS
7/6

11

11

11

11

11

Naval Construction Battalion Center

Gulfport, Miss.

Rec'd. March 2, 1976

* All Samples of this Date in
Storage Cabinet (#30-329)

Ambient Air

AU 28 F ϕ 7 x ϕ 1 W (#143)	GC-MS	I-320A	John's Box 25 Mar 76
AA 28 F ϕ 7 x ϕ 1 W (#145)	✓	I-321A	John's Box 25 Mar 76
AB 28 F ϕ 7 x ϕ 1 W (#146)	✓	I-322A	"
AD 28 F ϕ 8 x ϕ 1 W (#148)	✓	I-323A	"
AQ 28 F ϕ 8 x ϕ 1 W (#150)	✓	I-324A	"
AD 29 F ϕ 8 W (#153)	✓	I-325A	John's Box 15 Mar 76
AB 29 F ϕ 8 W (#155)	✓	I-327A	"
AF 29 F ϕ 8 W (#154)	✓	I-326A	"
AU 29 F ϕ 8 W (#158)	✓	I-328A	"
AC 29 F ϕ 8 W (#165)	✓	I-329A	John's Box 16 Mar 76

* All samples of this date in

Personal Samples Storage cabinet (#30-335)

IA 29 F ϕ 8 W (#159)	Mini-micro Column GC-MS	I-330A	John's Box 22 Mar 76 23 Mar 76
IA 29 F ϕ 9 W (#160)	" "	I-331A	"
IA 29 F 11 W (#161)	" "	I-332A	"
IA 29 F 12 W (#162)	" "	I-333A	"
IA 29 F 14 W (#163)	" "	I-334A	"
IA 29 F 15 W (#164)	" "	I-335A	"

March 2, 1976 Samples Cont.

(G.M.S.
(12.10))

STAPLEX FILTERS

VB 28F11X01W (#151) ✓ I-336A

VA 28F10X01W (#152) ✓ I-337A

VD 29F09X02W (#156) ✓ I-338A

VC 29F09X02W (#157) ✓ I-339A

Volume of Air / Filter (From Lt Col Williams 2 Mar 76)

VA — 553 m³

VB 421 m³

VC 459 m³

VD 571 m³

X All samples of this Date in
Naval Construction Battalion Center Storage Cabinet

Crulypool, Miss.

Recd. March 5, 1976

AMBIENT AIR SAMPLES

Can Number

Sample ID	Can Number	Notes
AQ04M07W (book #144)	(CG-M9) I-340A	Concentration & Mini-micro-suction
AB04M07W (#147)	I-341A	John's Book 9-10 Mar 76
AN04M07W (#149)	I-342A	Leaked in drum
AA01M07W (#166)	I-343A	contaminated
AB01M07W (#167)	I-344A	
AK01M08W (#168)	I-345A	contaminated
AX01M07W (#169)	I-346A	Leaked in drum
AY01M07W (#170)	I-347A	contaminated
AZ01M08W (#195)	I-348A	
AC04M08W (#196)	I-349A	John's Book 14, 16 Mar 76
AW04M07W (#197)	I-350A	
AE04M07W (#198)	I-351A	
AS04M07W (#200)	I-352A	
AA02M08W (#203)	I-353A	
AB02M08W (#204)	I-354A	John's Book 17 Mar 76
AC02M08W (#205)	I-355A	
AE02M08W (#206)	I-356A	
AN02M08W (#207)	I-357A	
AQ01M08W (#208)	I-358A	
AQ02M08W (#209)	I-359A	John's Book 17 Mar 76

(contd)

(Contd)

	Mini-micro Column	Volume 19 Nov 76
AS02 M08W (#210) ^{CLMS} VI-360A		
AW02 M08W (#211) VI-361A	"	"
AA03 M08W (#214) VI-362A	"	{ 22.76 AJ-115 19 Nov 76
AB03 M08W (#215) VI-363A	"	"
AE03 M08W (#216) VI-364A	"	"
AQ03 M08W (#217) VI-365A	"	"
AS03 M08W (#218) VI-366A	"	"
AN03 M08W (#219) VI-367A	"	"
AW03 M08W (#220) VI-368A	"	"

CLMS
BLANK STAYPLEX FILTERS VI-369A

VK01 M09X03W (#193) VI-370A	492 m ³
VQ01 M08X03W (#194) VI-371A	572 m ³ ?
VE02 M08X04W (#201) VI-372A	
VQ02 M09X04W (#202) VI-373A	572 m ³ !
VP02 M09X04W (#212) VI-374A	
VG03 M08X05W (#221) VI-375A	
VH03 M08X05W (#222) VI-376A	
VP03 M08X05W (#223) VI-377A	

Volume of Air
from Col Williams

empty container
discarded 5/2/76
All Stayplex Filters are done

(Contd)

BLANK FILTER 4 EA

I-378A

GCMS
Quid

in Storage Box
under Date

ZM01M16X03W (#183)

I-379A

✓

ZN01M16X03W (#184)

I-380A

✓

ZO01M16X03W (#185)

I-381A

✓

ZQ01M16X03W (#187)

I-382A

✓

ZS01M16X03W (#189)

I-383A

✓

ZT01M16X03W (#190)

I-384A

✓

ZU01M16X03W (#191)

I-385A

✓

ZV01M17X03W (#192)

I-386A

✓

ZP01M16X03W (#186)

I-387A

✓

ZR01M16X03W (#188)

I-388A

Interferences

ZA01M15X03W (#171)

I-389A

✓

ZB01M15X03W (#172)

I-390A

✓

ZC01M15X03W (#173)

I-391A

✓

ZD01M15X03W (#174)

I-392A

✓

ZE01M15X03W (#175)

I-393A

✓

ZF01M15X03W (#176)

I-394A

✓

ZG01M15X03W (#177)

I-395A

✓

ZH01M16X03W (#178)

I-396A

✓

ZI01M16X03W (#179)

I-397A

✓

ZJ01M16X03W (#180)

I-398A

✓

ZK01M16X03W (#181)

I-399A

✓

ZL01M16X03W (#182)

I-400A

✓

empty
containers
discarded
5/1/76

empty
containers
discarded
5/1/76

SOLVENTS (CONT'D) empty container discarded = end 5/2/76

200 ML BENZENE I-401A end

200 ML BENZENE I-402A end

200 ML BENZENE I-403A end

200 ML BENZENE I-404A

200 ML BENZENE I-405A

200 ML BENZENE I-406A

In Storage Box
under Date Recd.
march 5/76

250 ML ACETONE I-407A end

250 ML ACETONE I-408A end

250 ML ACETONE I-409A in storage Box
under Date

USAF Environmental Health Lab / CC

San Antonio ALC Kelly AFB TX.

Recd March 10, 76

[Soil / Gravel]

ED 01 M09 W (#225)

I-410A

ED 01 M11 W (#226)

I-411A

USAF Environmental Health Lab / CC

San Antonio ALC Kelly AFB TX. Recd. 23 March 76

[ENV. WATER]:

EW 04 F11 K (#127)

I-412A

Sample Prepared
John's Book 4 May 76
5 May 76

GC-MS

EW 11 F11 K (#131)

I-413A

??

??

EW 22 J11 K (#228)

I-414A

??

GC-MS

[ENV. BOTTOM SEDIMENTS]

EB 04 F11 K (#133)

I-415A

JOHN'S BOOK
16, 18 JUNE 76

EB 11 F11 K (#132)

I-416A

??

EB 22 J11 K (#128)

I-417A

??

Recd. March 24/76

XC19F09202W^(#142)

E-48A CENS

John's Book
25 Mar 76

Rec'd April 26, 76

NAVAL Construction Battalion Center

Gulfport Miss. 39501 (In Refrigerated Container)

{ Quonset Hut Area
Fish 4/19/76 }

I-419A

Fish off base

I-420A

Crayfish off base

I-421A

{ Quonset Hut Area
Crayfish 4/19/76 }

I-422A

{ Quonset Hut Area
Frog 4/19/76 }

I-423A

{ Quonset Hut Area
Tadpoles }

I-424A

NCBC Gulfport

① Water Samples collected ^{Fluo} At Base Perimeter 4/21/76

② " " " " " " 4/21/76

① Water Sample Drainage Ditch in Orange Storage Area 4/21/76

② " " " " " " 4/21/76

① Back Bay of Biloxi 4/21/76

② " " " " 4/21/76

Sample Prepared
John's Back
4-7 May 76

I-425A GC MS

I-426A GC MS

I-427A "

I-428A GC MS

I-429A "

I-430A GC MS

~~AGENT - Chemical Inc.~~
NBCC - Gulfport, Miss

Recd. 16 June 76

HR11E16LO1W (229) I-431A Micro Silica - GC-MS
30 Alumina Column
Elution, John's Bank
21 June 76

HR11E17LO1W (230) I-432A ?? ??
30

HR11E19LO1W (232) I-433A ?? ??
30

HF11E17LO1W (234) I-434A ?? ??
30

HF11E18LO1W (235) I-435A ?? ??
30 ~~I-434A~~

HR10E09H01W (243) I-436A ?? GC-MS
30

HF10E09H01W (244) I-437A ?? ??
30

HR12E15H02W (261) I-438A ?? GC-MS
30

HR12E17H02W (262) I-439A ?? ??
30

HF12E15H02W (253) I-440A ?? ??
30

HR 12E 18 H02W (263) I-441A Micro Silica-Alumina GCMS
Column Elution,

HR 12E 21 H02W (264) I-442A John's Back 22 JUNE 76 77 77

HR 12E 25 H02W (265) I-443A 77 77

HF 12E 16 H02W (266) I-444A 77 77

HF 12E 18 H02W (267) I-445A 77 77

HF 12E 19 H02W (268) I-446A 77 77

HF 12E 20 H02W (269) I-447A 77 77

HF 12E 21 H02W (270) I-448A 77 77

HF 12E 22 H02W (271) I-449A ✓ 77 77

AMBIENT AIR

AD 11- E 09W (239) I-450A Sample Prep GCMS

AD 11 E 09 (240) I-451A John's Back 16-18 JUNE 76 77

AD 11 E 09W (241) I-452A 77 77

~~AD~~

AU 11 E 09W (242) I-453A ?? GCMS
 AP 12 E 12W (245) I-454A ??
 AP 12 E 18W (246) I-455A ?? [JUL 76] ??
 AR 12 E 12W (247) ~~I-456A~~ I-456A ??
 AD 12 E 12W (248) ~~I-457A~~ I-457A ??
 AU 12 E 12W 249 I-458A ??

Environmental Water

EW-13E 10-W (272) I-457A
 EW-10E-11-W (273) I-460A
~~EB-10E-11-W (274) I-461A~~

Environmental Sediments

EB-10E-11-W (274) I-461A

Naval Const. Battalion Center
Gulfport Miss

Received:
21 June 1976

~~Examination~~
Her

HR-15E-1000-H03W (286) I-462A

MICRO COLUMN ELUTION
[SILICA-ALUMINA]
JOHN'S BOOK 28 JUNE 76

A
HF-15E-1000-H03W (287) 1-463A "

HR-15E-1100-H03W (288) 1-464A "

HF-15E-1200-H03W (290) 1-465A " JOHN'S BOOK 29 JUNE 76

HF-15E-1300-H03W (292) 1-466A "

HR-15E-1400-H03W (293) 1-467A "

HF-15E-1400-H03W (294) 1-468A "

HR-15E-1500-H03W (295) 1-469A "

HF-15E-1500-H03W (296) 1-470A "

HF-15E-1600-H03W (297) 1-471A "

HR-15E-1700-H03W (298) 1-472A "

HR-15E-1800-H03W (299) 1-473A "

HF-15E-1800-H03W (301) 1-474A " JOHN'S BOOK 30 JUNE 76

HF-15E-1900-H03W (303) 1-475A "

HF-15E-2000-H03W (304) 1-476A "

HR-15E-2100-H03W (305) 1-477A "

HF-15E-2100-H03W (306) 1-478A "

HR-15E-2200-H03W (307) 1-479A "



HR-15E-2300-H03W (309) 1-480A

MICRO COLUMN ELUTION
[SILICA - ALUMINA]
JOHN'S BOOK 1 JULY 76

HF-15E-2300-H03W (310) 1-481A

??

^{E?}
{EW-14J-9W (311) 1-482A
Leak

[?]
{EW-15J-8W (312) 1-483A
Leak

[?]
EW-16J-9W (313) - {Bottle found broken - Sample ~~found~~ lost.
inside container.

[?]
{EB-16J-9W (314) 1-484A
Leak

{AD 15E 09W (281) 1-485A
Loose Cap

SAMPLE PREPARATION
JOHN'S BOOK, 8 JULY 76

AR 15E 09W (282) 1-486A

?? 9 JULY 76

AP 15E 16W (283) 1-487A

?? 9 JULY 76

AN 15E 09W (284) 1-488A

??

AP 15E 09W (285) 1-489A

JOHN'S BOOK, 9 JULY 76
13 JULY 76

Naval Const. Bath Cont.

Culfpnt Miss

Received:

22 June 76

HR 18E 08 H04W (319)	1-490A	MICRO COLUMN ELUTION [SILICA-ALUMINA] JOHN'S BOOK 1 JULY 76
HF 18E 08 H04W (320)	1-491A	JOHN'S BOOK 2 JULY 76
HF 18E 09 H04W (321)	1-492A	"
HF 18E 12 H04W (324)	1-493A	"
HR 18E 14 H04W (325)	1-494A	"
HF 18E 15 H04W (327)	1-495A	"
HR 18E 17 H04W (328)	1-496A	"
HF 18E 17 H04W (329)	1-497A	"
HF 18E 18 H04W (330)	1-498A	"
HF 18E 21 H04W (333)	1-499A	"
HR 18E 23 H04W (334)	1-500A	"
HF 18E 23 H04W (335)	1-501A	"
HF 19E 00 H04W (336)	1-502A	"
HR 19E 02 H04W (337)	1-503A	"
HF 19E 03 H04W (339)	1-504A	"
HF 19E 0500 H04W (340)	1-505A	"
HF 17E 12 H03W (345)	1-506A	"
HR 19E 0900 H05W (354)	1-507A	"

HR 19E 0900 H05W (355) 1-508A

MICRO COLUMN ELUTION
[SILICA - ALUMINA]
JOHN'S BOOK 2 JULY 76HF 19E ¹⁰₃₀ H05W (356) 1-509A

"

HF 19E ¹³₃₀ H05W (359) 1-510A

"

HR 19E ¹⁵₀₀ H05W (360) 1-511A

"

HF 19E ¹⁵₀₀ H05W (361) 1-512A

"

HR 19E ¹⁸₀₀ H05W (363) 1-513A

"

HF 19E ¹⁸₀₀ H05W (364) 1-514A

"

HF 19E ¹⁹₃₀ H05W (365) 1-515A

"

HR 19E ²¹₀₀ H05W (366) 1-516A

"

HF 19E ²²₃₀ H05W (368) 1-517A

"

HF 19E ²⁴₀₀ H05W (370) 1-518A

"

HR 20E 0300 H05W (372) 1-519A

"

HF 20E 0300 H05W (373) 1-520A

"

AP 18E 08W (341) 1-521A

SAMPLE PREPARATION
JOHN'S BOOK, 9 JULY 76
13 JULY 76

AD 18E 08W (342) 1-522A

" 13 JULY 76

AD 18E 08W (343) 1-523A

"

AC 16E 15W (344) 1-524A

"

AD 19E 08W (374) 1-525A

"

AU 19E 08W (375) 1-526A

"

37
{AR 19E 08 W (376)

1-527A

SAMPLE PREPARATION
JOHN'S BOOK, 9 JULY 76

{AP 19E 08 W (377)
Loose Cap

1-528A

"

{EW-17 J-9-W (384) 1-529A
Leaked

{EW-18 J-10-W (385) 1-530A
Leaked

{EW-19 J-9-W (386) 1-531A
Leaked

{EW-20E-10-W (387) 1-532A
Leaked

6/17/76 Leak

EW-14 J-9-W (311)
EB-10-E09W (314)
EW-15-J08W (312)

Cap loose

ADISE09W (2H)

Leaked EW-16J-9W

6/22/76

AP 19E 08W (317)

AR 19E 08W (376)

Leaked

EW-20E-10W (387)
EW-19J-7W (386)
EW-18J-10W (385)
EW-17J-9W (384)

Naval Construction Battalion Center
Gulfport, Miss. 39501

Received:
30 June 1976

HR 11E 18 L01W (231) 1-533A
30

HF 11E 16 L01W (233) 1-534A 77

HF 11E 19 L01W (236) 1-535A 77

HF 12E 17 H02W (240) 1-536A 77

HF 12E 23 H02W (251) 1-537A 77

HR 12E 20 H02W (252) 1-538A 77

HF 13E 1100 H03W (289) 1-539A 77

HR 15E 1300 H03W (291) 1-540A 77

HF 15E 17 H03W (299) 1-541A 77

HR 15E 19 H03W (302) 1-542A 77

HF 15E 22 H03W (308) 1-543A 77

HR 18E 11 H04W (322) 1-544A 77

HF 18E 11 H04W (323) 1-545A 77

HF 18E 14 H04W (326) 1-546A 77

HR 18E 20 H04W (331) 1-547A 77

HF 18E 20 H04W (332) 1-548A 77
Camp Bickel 00

HF 19E 02 H04W (338) 1-549A 77

MICRO-COLUMN ELUTION
[SILICA - ALUMINA]
JOHN'S BOOK 8 JULY 76

30 June 76 (cont.)

HR 19E $\frac{12}{00}$ H0.5W (357)	1-550A	MICRO-COLUMN ELUTION [Silica - Alumina] JOHN'S BOOK 9 JULY 76
HF 19E $\frac{12}{00}$ H0.5W (358)	1-551A	"
HF 19E $\frac{16}{30}$ H0.5W (362)	1-552A	"
HF 19E $\frac{21}{00}$ H0.5W (367)	1-553A	"
HR 19E $\frac{24}{00}$ H0.5W (369)	1-554A	"
HF 20E $\frac{01}{30}$ H0.5W (371)	1-555A	"
HR 20E 0700 H0.6W (388)	1-556A	"
HF 20E 0700 H0.6W (389)	1-557A	MICRO-COLUMN ELUTION [Silica - ALUMINA] JOHN'S BOOK, 12 JULY 76
HF 20E 0800 H0.6W (390)	1-558A	"
HF 20E $\frac{09}{00}$ H0.6W (391)	1-559A	"
HR 20E 1000 H0.6W (392)	1-560A	" JOHN'S BOOK 19 JULY 76
HF 20E $\frac{10}{00}$ H0.6W (393)	1-561A	(JOHN'S BOOK 12 JULY 76) "
HR 20E $\frac{11}{00}$ H0.6W (394)	1-562A	" JOHN'S BOOK 19 JULY 76
HF 20E $\frac{11}{00}$ H0.6W (395)	1-563A	JOHN'S BOOK 12 JULY 76 "
HF 20E $\frac{12}{00}$ H0.6W (396)	1-564A	"
HR 20E $\frac{13}{00}$ H0.6W (397)	1-565A	" JOHN'S BOOK 19 JULY 76
HF 20E $\frac{13}{00}$ H0.6W (398)	1-566A	JOHN'S BOOK 12 JULY 76 "
HF 20E $\frac{14}{00}$ H0.6W (399)	1-567A	"
HF 20E $\frac{15}{00}$ H0.6W (400)	1-568A	"
HR 20E $\frac{16}{00}$ H0.6W (401)	1-569A	" JOHN'S BOOK 19 JULY 76

30 June 1976 Cont.

MICRO-COLUMN ELUTION
[Silica - ALUMINA]
JOHN'S BOOK 12 JULY 76

HF 20E 16 H06W (402) 1-570A

HF 20E 17 H06W (403) 1-571A

"

HF 20E 18 H06W (404) 1-572A

"

✓ HR 20E 19 H06W (405) 1-573A

JOHN'S BOOK 19 JULY 76

HF 20E 19 H06W (406) 1-574A

JOHN'S BOOK 12 JULY 76

HF 20E 20 H06W (407) 1-575A

"

{ HF 20E 21 H06W (408) 1-576A

"

Cup broken - Locked

HR 20E 22 H06W (409) 1-577A

JOHN'S BOOK 19 JULY 76

HF 20E 22 H06W (410) 1-578A

"

HF 20E 23 H06W (411) 1-579A

"

HF 20E 24 H06W (412) 1-580A

"

HF 21E 01 H06W (413) 1-581A

"

{ HF 22E 05 H01W (426) 1-582A

"

Cup Broken

HF 22E 06 H02W (427) 1-583A

"

{ HF 22E 07 H03W (428) 1-584A

JOHN'S BOOK 21 JULY 76

Cup Locked

HF 21E 09 H04W (429) 1-585A

JOHN'S BOOK 13 JULY 76

"

HF 21E 10 H04W (430) 1-586A

"

HF 21E 11 H04W (431) 1-587A

"

HF 21E 12 H05W (432) 1-588A

JOHN'S BOOK 19 JULY 76

HF 21E 13 H05W (433) 1-589A

"

30 June 1976 Cont.

MICRO-COLUMN ELUTION
[SILICA - ALUMINA]

John's Book 19 July 76

HF 21E 14 H06W (434) 1-590A

HF 21E 15 H06W (435) 1-591A

HF 21E 16 H06W (436) 1-592A

AD 20E 07W (414) 1-593A

SAMPLE PREPARATION
John's Book 1 July 76

AR 20E 07W (415) 1-594A

John's Book 8 July 76
9 July 76

AP 20E 07W (416) 1-595A

John's Book 1 July 76

AU 20E 07W (417) 1-596A

John's Book 8 July 76

EW - 21E - 9 - W (424) 1-597A

Amended

EW - 22E - 10 - W (425) 1-598A

NAVAL CONSTRUCTION

GULF PORT, MISS.,

XF 30E 1630 H0

XC 30E 1000 H0

AD 28E 08W (47

AR 28E 08W (

AE 28E 08W (

AU 28E 08W (

AU 29E 10W (

AP 29E 10W (4

AD 29E 10W (4

AR 29E 10W (4

AP 30E 12W (

XC 30E 1630 H0C W (

HC₂ 28E 12 H07W00HC₂ 28E 15 H07W00HC₃ 28E 15 H07W00

✓ HR 29E 10 H07W00

HC₂ 29E 11 H07W00HC₃ 29E 11 H07W00HC₂ 29E 13 H07W00HC₂ 29E 16 H07W00HC₂ 29E 18 H07W00HC₃ 29E 20 H07W00HM₁ 29E 16 H07W00HM₂ 29E 16 H07W00

Naval Construction Battalion Center

Gulfport Miss 39501

RECEIVED:
1 July 1976

MICRO-COLUMN ELUTION
[SILICA - ALUMINA]
JEN'S BOOK 19 JULY 76

HR 26E ¹⁹₀₀ H Ø 7W (437) 1-679A

HC, 26E ²²₀₀ H Ø 7W (438) 1-600A

HC, 26E ²³₀₀ H Ø 7W (439) 1-601A

HC, 27E ⁰¹₀₀ H Ø 7W (440) 1-602A

HC, 27E ⁰²₀₀ H Ø 7W (441) 1-603A

HC, 27E ⁰³₀₀ H Ø 7W (442) 1-604A

JEN'S BOOK 20 JULY 76

HC, 27E ⁰⁴₀₀ H Ø 7W (443) 1-605A

HC, 27E ¹¹₀₀ H Ø 7W (444) 1-606A

HC, 27E ¹²₀₀ H Ø 7W (445) 1-607A

HC, 27E ¹³₀₀ H Ø 7W (446) 1-608A

HC, 27E ¹⁶₀₀ H Ø 7W (447) 1-609A

HC, 27E ¹⁷₀₀ H Ø 7W (448) 1-610A

HC, 27E ²⁰₀₀ H Ø 7W (449) 1-611A

HC, 27E ²¹₀₀ H Ø 7W (450) 1-612A

HC, 27E ²⁴₀₀ H Ø 7W (451) 1-613A

HC, 28E ⁰²₀₀ H Ø 7W (452) 1-614A

HC, 28E ⁰⁴₀₀ H Ø 7W (453) 1-615A

HC, 28E ⁰⁴₀₀ H Ø 7W (454) 1-616A

JEN'S BOOK 21 JULY 76

Cont. 1 July 76

HC₂ 28E 06 H 07W (455) 1-617AMICRO. COLUMN ELUTION
[SILICA - ALUMINA]
JOHN'S BOOK 21 JULY 76HC₂ 28E 07 H 07W (456) 1-618A

"

HR 28E 07 H 07W (457) 1-619A

JOHN'S BOOK 19 JULY 76

AP 22E 14W (458) 1-620A

SAMPLE PREPARATION
JOHN'S BOOK, 14 JULY 76

AR 26E 17W (459) 1-621A

15 JULY 76

{ AH 26E 17W (460) 1-622A

Leaked

"

AP 26E 17W (461) 1-623A

"

AD 26E 17W (462) 1-624A

"

HU 27E 07W (463) 1-625A

"

AR 27E 07W (464) 1-626A

"

{ AD 27E 07W (465) 1-627A

Leaked

"

{ AP 27E 07W (466) 1-628A

Leaked

"

NCBC Gulfport, Miss. 39501 Received: 9 July 1976

HC₂ 28E 12 H 07W 00 (467) 1-629AMICRO. COLUMN ELUTION
[SILICA - ALUMINA]
JOHN'S BOOK 21 JULY 76HC₂ 28E 15 H 07W 00 (468) 1-630A

"

HC₃ 28E 15 H 07W 00 (469) 1-631A

"

HR 29E 01 H 07W 00 (470) 1-632A

JOHN'S BOOK 19 JULY 76

2 July 1976 Cont.

MICRO-COLUMN ELUTION
SILICA - ALUMINA

JOHN BOOK 21 JULY 76

HC₂ 29E 11 HØ 7WØØ (470) 1-633AHC₃ 29E 11 HØ 7WØØ (472) 1-634A

"

HC₂ 29E 13 HØ 7WØØ (473) 1-635A

"

HC₂ 29E 16 HØ 7WØØ (474) 1-636A

"

HC₂ 29E 18 HØ 7WØØ (475) 1-637A

"

HC₃ 29E 2Ø HØ 7WØØ (476) 1-638A

"

HM₁ 29E 16 HØ 7WØØ (477) 1-639A

"

HM₂ 29E 16 HØ 7WØØ (478) 1-640A

"

AD 28E 08W (479) 1-641A

SAMPLE PREPARATION
JOHN'S BOOK, 16 JULY 76

AR 28E 08W (480) 1-642A

"

AE 28E 08W (481) 1-643A

"

AU 28E 08W (482) 1-644A

"

AU 29E 10W (483) 1-645A

"

AP 29E 10W (484) 1-646A

"

AD 29E 10W (485) 1-647A

"

AR 29E 10W (486) 1-648A

"

AP 30E 12W (494) 1-649A

"

XC 30E 1630 HØ CW (495) 1-650A

" 19 JULY 76

115

9 July 76

XF 30E 1630 HOCW (496) 1-651A

SAMPLE PREPARATION
JOHN'S BICK, 19 JULY 76
28 JULY 76

XC 30E 1000 HOCW (497) 1-652A

11

Johnston Isl

BEFORE RINSE
3 samples

AFTER RINSE -
3 samples
= 1

51A SAMPLE PREPARATION
JOHN'S BICK, 19 JULY 76
20 JULY 76

2A "

Johnston Island Miss Sargass - Rec'd 8/24/76

BEFORE RINSE - H.O. Drum
3 samples

- 1-653 A
1-654 A
1-655 A

AFTER RINSE - H.O. Drum
3 samples
= 1 sq. foot

- 1-656 A
1-657 A
1-658 A

TCDD ANALYSIS

Sample #

STARTED 17 SEP 76

- ✓1 - Control Mound Soil, TA C-52A, 19 Dec 75
 ✓2 - Control Mound Soil, TA C-52A, 19 Dec 75
 ✓3 - Control 0-2', TA C-52A, 19 Dec 75
 ✓4 - Control 2-4', TA C-52A, 19 Dec 75
 ✓5 - Control 4-6', TA C-52A, 19 Dec 75
 ✓6 - Site I, Grid I, 0-2', 18 Dec 75
 ✓7 - Site I, Grid I, 2-4', 18 Dec 75
 ✓8 - Site I, Grid I, 4-6', 18 Dec 75
 ✓9 - Site I, Grid I, 40' S, 0-9, Burrow Mound, 18 Dec 75
 ✓10 - Site II, Grid I/II, 0-2', 18 Dec 75
 ✓11 - Site II, Grid I/II, 2-4', 18 Dec 75
 ✓12 - Site II, Grid I/II, 4-6', 18 Dec 75
 ✓13 - Site II, Grid I/II, Burrow Mound, 18 Dec 75
 ✓14 - Site III, Grid I, 0-2', 18 Dec 75
 ✓15 - Site III, Grid I, 2-4', 18 Dec 75
 ✓16 - Site III, Grid I, 4-6', 18 Dec 75
 ✓17 - Site II, Grid I, 500' S, 0-7, Burrow Mound
 ✓18 - Site IV, Grid I, 0-2', 18 Dec 75
 ✓19 - Site IV, Grid I, 2-4', 18 Dec 75
 ✓20 - Site IV, Grid I, 4-6', 18 Dec 75
 ✓21 - Site IV, Grid I, 200' S, 0-4, Burrow Mound
 ✓22 - Control Snake, Muscle, 58.63 g
 ✓23 - Control Snake, Muscle, ~125 g
 ✓24 - Control Snake, Skin, ~115.89 g, 6 Jun 76
 ✓25 - Control Snake, Skin, 961.6 g, 162 cm, 175' W of N-14, 8 Jun 76
 ✓26 - Control Snake Fat
 ✓27 - Control Snake Fat

ASAP EM PROJECT

- ✓SAMPLE 2, PELT 8 JUN 76
 ✓SAMPLE 4, LIVER 10 JUN 76
 ✓SAMPLE 7, PELT 11 JUN 76
 ✓SAMPLE 7, LIVER 11 JUN 76
 ✓SAMPLE 11, PELT 10 JUN 76