

OFFICE OF SAMPLE MANAGEMENT

RECORD OF DISPOSITION

ROC-93-015
Record of Disposition No.

DATE: 10/11/93 LABORATORY: TMA

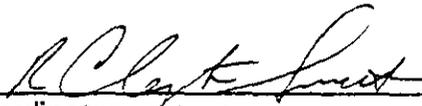
PROJECT TITLE/NO.: 100-IU-1/93-181 NCR NO.: 051910

SAMPLE IDENTIFICATION NUMBERS:
B08NR8

DESCRIPTION OF EVENT:
Sample B08NR8 was shipped to TMA instead of WESTON as listed on COC and SAR. The COC went to WESTON. COC was broken.

DISPOSITION OF SAMPLES:
With concurrence from C. E. Heiden, project engineer, continue with analysis "for informational purposes only". Report results as B08NR8.

APPROVAL SIGNATURES:

R. C. Smith/ 	10/11/93
OSM Project Coordinator (Print/Sign Name)	Date
C. E. Heiden/ 	10/12/93
Technical Representative (Print/Sign Name)	Date
N/A	
Quality Assurance (Print/Sign Name)	Date



Westinghouse Hanford Company

NONCONFORMANCE REPORT

1. Page 1
of 12
1/19/94 SRS

2. Preprinted No. **051910**

QA Log No. **EQA-93-103**

3. P. O., W. O., or Job Control No. N/A	4. System/End Use ERA	5. Item/Material SAMPLE	6. Dwg./Spec./Other No. B08NS0, B08NR8	7. Rev. N/A
8. Program/Project/Other 100-1U-1 / 93-181		9. Safety Class N/A	10. ASME Code Items <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If yes, notify authorized inspector)	
11. Supplier Name/Address SPECIAL ANALYTICAL SAMPLING AND MOBILE LABS			12. Notification of Potential Occurrence Required <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
13. Code: Lot/Heat/Serial N/A	14. Lot Size 2	15. Sample 2	16. Qty. Acc. 0	17. Inspection Criteria <input type="checkbox"/> Dwg. <input type="checkbox"/> Spec. <input type="checkbox"/> Insp. Plan <input checked="" type="checkbox"/> Other WHC^{CM}-7 EII S.1 rev. 5 Sec 4.1

18. Item	19. Description of Nonconformance (list serial no. where applicable)	22. Disposition, Justification, and Instructions
	<p>AS STATED IN WHC^{CM}-7, EII S.1, REV. 5, SEC 4.1, THE FIELD TEAM LEADER / COGNIZANT ENGINEER IS RESPONSIBLE FOR CHAIN OF CUSTODY DOCUMENTATION TO ENSURE SAMPLE TRANSFER DOCUMENTATION IS COMPLETE.</p> <p>CONTRARY TO THE ABOVE, SAMPLES WERE SWIPPED TO WRONG LABS WITHOUT CORRESPONDING CHAINS OF CUSTODY. CHAIN OF CUSTODY BROKEN FOR BOTH SAMPLES</p>	<p>Reject. The analytical results from these sample will not be used. Remove data from HEIS data base.</p> <p>(Note: The area affected by the rejected sample was resampled).</p> <p>Revised 1/19/94 - See Page 2 of 2 for additional instructions. <i>[Signature]</i></p>

20. Originator's Signature <i>R. C. SMITH</i> <i>[Signature]</i>		Date 10/11/93	23. Design Document Change Required? <input type="checkbox"/> Yes, Doc. No. _____ <input checked="" type="checkbox"/> No			
21. Cognizant Manager's Signature <i>[Signature]</i> TL BENNINGTON		Date 10/22/93	24. Corrective Action Required? <input type="checkbox"/> Yes, No. _____ <input checked="" type="checkbox"/> No			
Disp. App.	25. Cognizant Engineer CE HEIDEN	Date 1/6/94	26. Technical Rep.	Date	Signature/Org.	Date
	QA Engineer GS CORRIGAN S.O. DELEON	Date 10/27/93	Signature/Org.	Date	Signature/Org.	Date
Close	27. Accept _____ Reject _____ Follow on NCR _____			QA/C Personnel		Date

NONCONFORMANCE REPORT
(Continuation)

1. Page 2
of 2

2. Preprinted No.
051910
QA Log No.
EQA-93-103

18. Item	19. Description of Nonconformance (list serial no. where applicable)	22. Disposition, Justification, and Instructions
		<p>Instead of the data being placed in the HIES database, add the following statement:</p> <p>"Note: An NCR was issued that identified Chain of Custody problems. Data is not being reported on HIES. Affected area was resampled. Refer to samples B08NS8 & B08NS9 for sample results."</p> <p><i>HEIS</i> <i>1/19/94</i> <i>200</i></p> <p>QA Engineer: <i>Scott De Leeuw</i> <i>1/19/94</i></p> <p>Cog. Engineer: <i>C. Heiden</i> <i>1/19/94</i></p>

WESTINGHOUSE HANFORD COMPANY

Results of Analyses For:

**ORGANICS
CASE NO. 10-005
(TMA/ARLI Work Order # A3-10-005)**

Organic results are presented for the following
WHC SOIL sample(s):

B08NR0	B08NR1
B08NR2	B08NR4
B08NR5	B08NR6
B08NR7	B08NR8
B08NR9	

Norcal Work Order # N3-10-015

Thermo Analytical Inc.
160 Taylor Street
Monrovia, CA 91016
(818) 357-3247

Date submitted:

11 / 18 / 93

TRM/Norcal
RCVD: 10/04/93 DUE: 10/14/93

CHAIN OF CUSTODY
10/04/93 15:07:58

ORD # 13-10-015
KEEP: 10/14/94

DISP: 5
000002

DASH SAMPLE IDENTIFICATION STORED TESTS for FRACTIONS with work in DEPT. SU and CATEGORY

01A-S B08NR0	ARLI	W223
02A-S B08NR1	ARLI	W223
03A-S B08NR2	ARLI	W223
04A-S B08NR4	ARLI	W223
05A-S B08NR5	ARLI	W223
06A-S B08NR6	ARLI	W223
07A-S B08NR7	ARLI	W223
08A-S B08NR9	ARLI	W223
09A-S B08NR8	ARLI	W223

RELEASED BY	DATE	TRANSFERRED TO	DATE	RECEIVED BY	DATE
<i>Phil McHardy</i>	10.4.93	ARLI		<i>C. Thomas</i>	10/5/93

000002A

Westinghouse
Hanford
Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

Page 1 of 1

005063

Collector **M.L. MYERS/**
SAF No. **93-181**
Ice Chest No.

Company Contact **C.E. HEIDEN**
Project Designation **Operable Unit - 100-IU-1**
Bill of Lading/Airbill No.

Telephone **376-2640**
Sampling Location **RIVERLAND**
Offsite Property No.
Field Logbook No. **WHC-N-205-26**

Method of Shipment **AIR OVERNIGHT**

Shipped to **TMA LABORATORIES, RICHMOND CALIFORNIA**

Possible Sample Hazards/Remarks **UNKNOWN, SUBJECT TO ANALYSIS/PRIORITY TURNAROUND REQUESTED/CERCLA PROTOCOL**

Special Handling and/or Storage **Shipped on WET ICE. KEEP AT 4 DEGREES C**

Sample Number	*	Date Collected	Time	Number and Type of Containers	Analysis Required	Preservative
B08NR0	S	9/27/93	1000	1, Gs 125ML	TPH-DIESEL RANGE, METHOD 8015M	N/A
B08NR1		9/28/93	1135	1, Gs 125ML	TPH-DIESEL RANGE, METHOD 8015M	
B08NR2		9/28/93	1340	1, Gs 125ML	TPH-DIESEL RANGE, METHOD 8015M	
B08NR4		9/29/93	1000	1, Gs 125ML	TPH-DIESEL RANGE, METHOD 8015M	
B08NR5		9/29/93	1355	1, Gs 125ML	TPH-DIESEL RANGE, METHOD 8015M	
B08NR6		9/29/93	1420	1, Gs 125ML	TPH-DIESEL RANGE, METHOD 8015M	
B08NR7		9/29/93	1420	1, Gs 125ML	TPH-DIESEL RANGE, METHOD 8015M	
B08NR9		9/29/93	1230	1, Gs 125ML	TPH-DIESEL RANGE, METHOD 8015M	
* B08NS0		9/29/93	1250	1, Gs 125ML	TPH-DIESEL RANGE, METHOD 8015M MISSING	✓

PRIORITY TURNAROUND

SHED

Chain of Possession		(Sign and Print Names)		PRIORITY TURNAROUND,	<p>* Matrix</p> <p>A = Air ; SE = Sediment</p> <p>DL = Drum Liquids SL = Sludge</p> <p>DS = Drum Solids SO = Solid</p> <p>L = Liquid W = Water</p> <p>O = Oil WI = Wipe</p> <p>S = Soil X = Other</p>
Relinquished By <i>Melanie Myers</i>	Date/Time <i>10/1/93 0900</i>	Received By <i>[Signature]</i>	Date/Time <i>10-1-93 0900</i>		
Relinquished By <i>[Signature]</i>	Date/Time <i>10-1-93 1100</i>	Received By <i>[Signature]</i>	Date/Time <i>10-4-93 10:50</i>		
Relinquished By	Date/Time	Received By	Date/Time		
LABORATORY SECTION	Received By	Title		Date/Time	
Final Sample Disposition	Disposal Method:	Disposed by:		Date/Time:	

* B08NS0 IS MISSING BUT I RECD B08NR8 SAMPLE TPH-DIESEL RANGE, METHOD 8015M
H. NARCISO RECD TMA/NORCAL 10:50 AM 10-4-93 NO COLLECTION DATE ON THE BOTTLE

SAMPLE LOG-IN SHEET

000003

PAGE: 1 OF 1

LAB NAME: TMAVARI

RECEIVED BY (PRINT NAME): D. WHITAKER

LOG-IN-DATE: 10-5-93

RECEIVED BY (SIGNATURE): D Whitaker

ICE CHEST NO. <u>5-C</u>	CORRESPONDING			REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC
	EPA SAMPLE #	SAMPLE TAG #	ASSIGNED LAB #	
REMARKS:				
1. Custody Seal(s) <u>Present / Intact</u> / Absent* / Broken		BOB NR 0	A310005	
		BOB NR 1	A310005	
2. Custody Seal Nos: _____		BOB NR 2	A310105	
		BOB NR 4	A310005	
3. Chain of Custody Records <u>Present</u> / Absent*		BOB NR 5	A310005	
		BOB NR 6	A310005	
4. Traffic Reports or Packing List <u>Present</u> / Absent*		BOB NR 7	A310005	
		BOB NR 8	A310005	
5. Airbill <u>Airbill Present</u> / Sticker / Absent*		BOB NR 9	A310005	
		BOB NR 9	A300006	
6. Airbill No.: <u>7289153583</u>		BOB NR 7	A310006	
7. Sample Tags <u>Present</u> / Absent*				
8. Sample Tag Numbers <u>Listed</u> / Not Listed on Chain of Custody				
9. Sample Condition: <u>Intact</u> / Broken* / Leaking				
10. Does information on custody records, traffic reports, and sample tags agree? <u>Yes</u> / No				
11. Date Received at Lab: <u>10-5-93</u>				
12. Temp of ice chest <u>2</u> °C				
13. Time Received: <u>0930</u>				
SAMPLE TRANSFER				
Fraction: _____				
Area #: _____				
By: _____				
On: _____				

* Contact SMO and attach record of resolution

Reviewed By: _____ Logbook No.: _____

Date: _____ Logbook Page No.: _____

000005



QUESTIONS? CALL 800-238-5355 TOLL FREE.

AIRBILL
PACKAGE
TRACKING NUMBER

7289153583

7289153583

RECIPIENT'S COPY

Date: 10-4-93

From (Your Name) Please Print: **SAMPLE CONTROL**
Company: **SAMPLE CONTROL**
Street Address: **2030 W. 11TH AVE**
City: **PHOENIX** State: **AZ** ZIP Required: **85004**

Your Phone Number (Very Important): **(101) 335-2533**
Department/Floor No.:

To (Recipient's Name) Please Print: **CAROLE HARRIS**
Company: **TMA/ARLI**
Recipient's Phone Number (Very Important): **(818) 357-3247**
Department/Floor No.:

Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.): **160 TAYLOR STREET**
City: **MONROVIA, CA.** State: **CA.** ZIP Required: **91016**

YOUR INTERNAL BILLING REFERENCE INFORMATION (optional) (First 24 characters will appear on invoice.): **2340-6406**

IF HOLD FOR PICK-UP, Print FEDEX Address Here
Street Address:
City: State: ZIP Required:

PAYMENT: Bill Sender Bill Recipient's FedEx Acct. No. Bill 3rd Party FedEx Acct. No. Bill Credit Card
 Cash Check

4 SERVICES (Check only one box)		5 DELIVERY AND SPECIAL HANDLING (Check services required)		6 PACKAGES		WEIGHT		YOUR DECLARED VALUE (See 4910)		Emp. No. Date		Federal Express Use	
Priority Overnight (Delivery by next business morning) 11 <input checked="" type="checkbox"/> OTHER PACKAGING 16 <input type="checkbox"/> FEDEX LETTER 12 <input type="checkbox"/> FEDEX PAK * 13 <input type="checkbox"/> FEDEX BOX 14 <input type="checkbox"/> FEDEX TUBE	Standard Overnight (Delivery by next business afternoon, no Saturday delivery) 51 <input type="checkbox"/> OTHER PACKAGING 56 <input type="checkbox"/> FEDEX LETTER * 52 <input type="checkbox"/> FEDEX PAK * 53 <input type="checkbox"/> FEDEX BOX 54 <input type="checkbox"/> FEDEX TUBE	1 <input type="checkbox"/> HOLD FOR PICK-UP (Fill in Box H) 2 <input checked="" type="checkbox"/> DELIVER WEEKDAY 3 <input type="checkbox"/> DELIVER SATURDAY (Extra charge) (Not available to all locations) 4 <input type="checkbox"/> DANGEROUS GOODS (Extra charge) 5 <input type="checkbox"/> 6 <input type="checkbox"/> DRY ICE (Dangerous Goods Shipper's Declaration not required) Dry Ice & UN 1845 <input checked="" type="checkbox"/> kg 904 III	7 <input type="checkbox"/> OTHER SPECIAL SERVICE 8 <input type="checkbox"/> 9 <input type="checkbox"/> SATURDAY PICK-UP 12 <input type="checkbox"/> HOLIDAY DELIVERY (If offered) (Extra charge)	1 38 Total Total Total 1 38 DIM SHIPMENT (Chargeable Weight) L X 38 X Received At: 21 On-Cut Stop 21 Drop Box 51 Station 51 Station	1 38 Total Total Total 1 38	<input type="checkbox"/> Cash Received <input type="checkbox"/> Return Shipment <input type="checkbox"/> Third Party <input type="checkbox"/> Chg. To Del. <input type="checkbox"/> Chg. To Hold Street Address: City State Zip Received By: <input checked="" type="checkbox"/> Date/Time Received FedEx Employee Number	Base Charges Declared Value Charge Other 1 Other 2 Total Charges REVISION DATE 11/92 FORMAT #155 155 © 1992-93 FEDEX PRINTED IN U.S.A.						

7 Release Signature:

CASE NARRATIVE

000007

LABORATORY : TMA/ARLI

CASE : 10-005

CONTRACT ID : WESTINGHOUSE HANFORD COMPANY

SDG RECEIPT DATE : October 04, 1993

1.0 DESCRIPTION OF CASE :

Nine soil samples were analyzed for Total Petroleum Hydrocarbons (Diesel Range) according to USEPA SW-846 Method 8015 Modified.

2.0 SAMPLE LIST :

<u>WESTINGHOUSE ID</u>	<u>LAB ID</u>	<u>ANALYSIS REQUESTED</u>	<u>MATRIX</u>
B08NR0	A3-10-005-01A	TPH	SOIL
B08NR1	A3-10-005-02A	TPH	SOIL
B08NR2	A3-10-005-03A	TPH	SOIL
B08NR4	A3-10-005-04A	TPH	SOIL
B08NR5	A3-10-005-05A	TPH	SOIL
B08NR5 MS	A3-10-005-05B	TPH	SOIL
B08NR5 MSD	A3-10-005-05C	TPH	SOIL
B08NR6	A3-10-005-06A	TPH	SOIL
B08NR7	A3-10-005-07A	TPH	SOIL
B08NR9	A3-10-005-08A	TPH	SOIL
B08NR8	A3-10-005-09A	TPH	SOIL

TPH by 8015 Modified

3.0 COMMENTS :

3.1 SHIPPING AND DOCUMENTATION :

According to WHC ROD-93-0231, sample B08NR8 was shipped to TMA/ARLI without the corresponding Chain-of-Custody, therefore breaking the Chain of Custody. As per ROD-93-0231, TMA/ARLI was instructed to proceed with the analysis of sample B08NR8 "for informational purposes only."

Sample B08NS0 was not received by TMA/ARLI nor TMA/Norcal, although it was listed on the Westinghouse Hanford Company's Chain-of-Custody.

All of the other samples were received unbroken and properly documented.

3.2 ANALYSIS

3.2.1 TOTAL PETROLEUM HYDROCARBONS ANALYSIS COMMENTS :

SEQUENCE NOTES :

The sequence was started on 10/05/93 and was analyzed according to the SW-846 Method 8015M. Five different concentrations of Diesel were injected as part of the initial calibration. The %RSD in the sequence was below the 20% QC

limit. The %D in both of the continuing calibrations were below the 15% advisory QC limit.

LOW LEVEL WATER :

The samples were extracted and analyzed within the SW-846 holding times. No extractable hydrocarbons in the "Diesel range" were detected in the samples. Sample B08NR5 was spiked with approximately 245 mg/Kg of Diesel. The spike recoveries ranged from 71% to 85%. A blank spike was also prepared, and had a 75% recovery.

All of the results were within the QC criteria specified by the SW-846 Method 8015M.

We certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data in this hardcopy data package is authorized by the Laboratory Manager or his designee, as verified by the following signature.



Nicole Roth
Program Manager

11/18/93



Maureen Parrish
Program Manager

Received: 10/04/93

TMA Inc.

REPORT

Work Order # A3-10-005

Results by Sample

000012

SAMPLE ID B08MRO

FRACTION 01A TEST CODE 8015MS NAME EPA 8015M EXTRACT.

Date & Time Collected 09/27/93

Category _____

MODIFIED 8015 - EXTRACTABLE FUEL HYDROCARBONS

Matrix: SOIL

Date Analyzed: 10/09/93

Dilution factor: 1.00

Concentration Units: mg/Kg

Compound	Sample Result	PQL
Kerosene Range	NA	NA
C10 - C16 Jet Fuel Range	NA	NA
C9 - C22 Diesel Range	ND	10
Hydraulic Range	NA	NA

ND = Not detected at the specified limits

Form I

Received: 10/04/93

TMA Inc. REPORT
Results by Sample

Work Order # A3-10-005
000014

SAMPLE ID B08NR1 FRACTION 02A TEST CODE 8015MS NAME EPA 8015M EXTRACT.
Date & Time Collected 09/28/93 Category _____

MODIFIED 8015 - EXTRACTABLE FUEL HYDROCARBONS

Matrix: SOIL
Date Analyzed: 10/09/93
Dilution factor: 1.00
Concentration Units: mg/Kg

Compound	Sample Result	PQL
Kerosene Range	NA	NA
C10 - C16 Jet Fuel Range	NA	NA
C9 - C22 Diesel Range	ND	10
Hydraulic Range	NA	NA

ND = Not detected at the specified limits

Received: 10/04/93

TMA Inc. REPORT
Results by Sample

Work Order # A3-10-005

000016

SAMPLE ID 808MR2 FRACTION 03A TEST CODE 8015MS NAME EPA 8015M EXTRACT.
Date & Time Collected 09/28/93 Category _____

MODIFIED 8015 - EXTRACTABLE FUEL HYDROCARBONS

Matrix: SOIL
Date Analyzed: 10/09/93
Dilution factor: 1.00
Concentration Units: mg/Kg

Compound	Sample Result	PQL
Kerosene Range	NA	NA
C10 - C16 Jet Fuel Range	NA	NA
C9 - C22 Diesel Range	ND	10
Hydraulic Range	NA	NA

ND = Not detected at the specified limits

Received: 10/04/93

TMA Inc.

REPORT

Work Order # A3-10-005

Results by Sample

000018

SAMPLE ID B08NR4

FRACTION 04A TEST CODE 8015MS NAME EPA 8015M EXTRACT.

Date & Time Collected 09/29/93

Category _____

MODIFIED 8015 - EXTRACTABLE FUEL HYDROCARBONS

Matrix: SOIL

Date Analyzed: 10/09/93

Dilution factor: 1.00

Concentration Units: mg/Kg

Compound	Sample Result	PQL
Kerosene Range	NA	NA
C10 - C16 Jet Fuel Range	NA	NA
C9 - C22 Diesel Range	ND	10
Hydraulic Range	NA	NA

ND = Not detected at the specified limits

Form I

Received: 10/04/93

TMA Inc.

REPORT

Work Order # A3-10-005

000020

Results by Sample

SAMPLE ID B08NR5

FRACTION 05A

TEST CODE 8015MS

NAME EPA 8015M EXTRACT.

Date & Time Collected 09/29/93

Category _____

MODIFIED 8015 - EXTRACTABLE FUEL HYDROCARBONS

Matrix: SOIL

Date Analyzed: 10/09/93

Dilution factor: 1.00

Concentration Units: mg/Kg

Compound	Sample Result	PQL
Kerosene Range	NA	NA
C10 - C16 Jet Fuel Range	NA	NA
C9 - C22 Diesel Range	ND	10
Hydraulic Range	NA	NA

ND = Not detected at the specified limits

Form I

TMA Inc.

REPORT

Work Order # A3-10-005

Received: 10/04/93

Results by Sample

SAMPLE ID B08NR6

FRACTION 06A

TEST CODE 8015MS

NAME EPA 8015M EXTRACT.

Date & Time Collected 09/29/93

Category _____

000022

MODIFIED 8015 - EXTRACTABLE FUEL HYDROCARBONS

Matrix: SOIL

Date Analyzed: 10/09/93

Dilution factor: 1.00

Concentration Units: mg/Kg

Compound	Sample Result	PQL
Kerosene Range	NA	NA
C10 - C16 Jet Fuel Range	NA	NA
C9 - C22 Diesel Range	ND	10
Hydraulic Range	NA	NA

ND = Not detected at the specified limits

Form 1

TMA Inc.

REPORT

Work Order # A3-10-005

Received: 10/04/93

Results by Sample

SAMPLE ID B08MR7

FRACTION 07A

TEST CODE 8015MS

NAME EPA 8015M EXTRACT.

Date & Time Collected 09/29/93

Category _____

000024

MODIFIED 8015 - EXTRACTABLE FUEL HYDROCARBONS

Matrix: SOIL

Date Analyzed: 10/09/93

Dilution factor: 1.00

Concentration Units: mg/Kg

Compound	Sample Result	PQL
Kerosene Range	NA	NA
C10 - C16 Jet Fuel Range	NA	NA
C9 - C22 Diesel Range	ND	10
Hydraulic Range	NA	NA

ND = Not detected at the specified limits

Form I

Received: 10/04/93

Results by Sample

SAMPLE ID B08NR9FRACTION Q8ATEST CODE 8015MSNAME EPA 8015M EXTRACT.Date & Time Collected 09/29/93

Category _____

000026

MODIFIED 8015 - EXTRACTABLE FUEL HYDROCARBONS

Matrix: SOILDate Analyzed: 10/09/93Dilution factor: 1.00Concentration Units: mg/Kg

Compound	Sample Result	PQL
Kerosene Range	NA	NA
C10 - C16 Jet Fuel Range	NA	NA
C9 - C22 Diesel Range	ND	10
Hydraulic Range	NA	NA

ND = Not detected at the specified limits

Received: 10/04/93

TMA Inc. REPORT
Results by Sample

Work Order # A3-10-005

000028

SAMPLE ID B08NR8 FRACTION 09A TEST CODE 8015MS NAME EPA 8015M EXTRACT.
Date & Time Collected 09/29/93 Category _____

MODIFIED 8015 - EXTRACTABLE FUEL HYDROCARBONS

Matrix: SOIL
Date Analyzed: 10/09/93
Dilution factor: 1.00
Concentration Units: mg/Kg

Compound	Sample Result	PQL
Kerosene Range	NA	NA
C10 - C16 Jet Fuel Range	NA	NA
C9 - C22 Diesel Range	ND	10
Hydraulic Range	NA	NA

ND = Not detected at the specified limits

OFFICE OF SAMPLE MANAGEMENT

RECORD OF DISPOSITION

ROD-93-0231

Record of Disposition No.

DATE: 10/11/93

LABORATORY: TMA

PROJECT TITLE/NO.: 100-IU-1/93-181

NCR NO.: 051910

SAMPLE IDENTIFICATION NUMBERS:

B08NR8

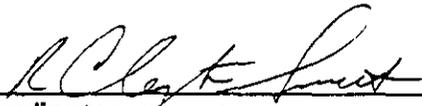
DESCRIPTION OF EVENT:

Sample B08NR8 was shipped to TMA instead of WESTON as listed on COC and SAR. The COC went to WESTON. COC was broken.

DISPOSITION OF SAMPLES:

With concurrence from C. E. Heiden, project engineer, continue with analysis "for informational purposes only". Report results as B08NR8.

APPROVAL SIGNATURES:

R. C. Smith/ 
OSM Project Coordinator (Print/Sign Name)

10/11/93
Date

C. E. Heiden/ 
Technical Representative (Print/Sign Name)

10/12/93
Date

N/A
Quality Assurance (Print/Sign Name)

Date

NONCONFORMANCE REPORT
(Continuation)

1. Page 2
of 2

2. Preprinted No.
051910
QA Log No.
EQA-93-103

18. Item 19. Description of Nonconformance (list serial no. where applicable)

22. Disposition, Justification, and Instructions

Instead of the data being placed in the HIES database, add the following statement:

"Note: An NCR was issued that identified Chain of Custody problems. Data is not being reported on ~~HIES~~. Affected area was resampled. Refer to samples B08NS8 & B08NS9 for sample results."

HEIS
1/19/94
[Signature]

QA Engineer: [Signature] De Lant
1/19/94

Coq. Engineer: [Signature] E. Heiden
1/19/94

Received: 10/04/93

TMA Inc.

REPORT

Work Order # A3-10-005

Results by Sample

000012

SAMPLE ID B08NR0

FRACTION 01A TEST CODE 8015MS NAME EPA 8015M EXTRACT.

Date & Time Collected 09/27/93

Category _____

MODIFIED 8015 - EXTRACTABLE FUEL HYDROCARBONS

Matrix: SOIL

Date Analyzed: 10/09/93

Dilution factor: 1.00

Concentration Units: mg/Kg

Compound	Sample Result	PQL
Kerosene Range	NA	NA
C10 - C16 Jet Fuel Range	NA	NA
C9 - C22 Diesel Range	ND	10
Hydraulic Range	NA	NA

OR

ND = Not detected at the specified limits

FBD
2/7/94

Received: 10/04/93

TMA Inc.

REPORT

Work Order # A3-10-005

000014

Results by Sample

SAMPLE ID 808MR1

FRACTION 02A

TEST CODE 8015MS

NAME EPA 8015M EXTRACT.

Date & Time Collected 09/28/93

Category _____

MODIFIED 8015 - EXTRACTABLE FUEL HYDROCARBONS

Matrix: SOIL

Date Analyzed: 10/09/93

Dilution factor: 1.00

Concentration Units: mg/Kg

Compound	Sample Result	PQL
Kerosene Range	NA	NA
C10 - C16 Jet Fuel Range	NA	NA
C9 - C22 Diesel Range	ND	10
Hydraulic Range	NA	NA

OR

ND = Not detected at the specified limits

PBS
2/7/94

Form I

Received: 10/04/93

TMA Inc. REPORT
Results by Sample

Work Order # A3-10-005
000016

SAMPLE ID 808MR2 FRACTION 03A TEST CODE 8015MS NAME EPA 8015M EXTRACT.
Date & Time Collected 09/28/93 Category _____

MODIFIED 8015 - EXTRACTABLE FUEL HYDROCARBONS

Matrix: SOIL
Date Analyzed: 10/09/93
Dilution factor: 1.00
Concentration Units: mg/Kg

Compound	Sample Result	PQL
Kerosene Range	NA	NA
C10 - C16 Jet Fuel Range	NA	NA
C9 - C22 Diesel Range	ND	10
Hydraulic Range	NA	NA

u R

ND = Not detected at the specified limits

PBJ
2/7/94

Received: 10/04/93

TWA Inc.

REPORT

Work Order # A3-10-005

Results by Sample

000018

SAMPLE ID B08MR4

FRACTION 04A

TEST CODE 8015MS

NAME EPA 8015M EXTRACT.

Date & Time Collected 09/29/93

Category _____

MODIFIED 8015 - EXTRACTABLE FUEL HYDROCARBONS

Matrix: SOIL

Date Analyzed: 10/09/93

Dilution factor: 1.00

Concentration Units: mg/Kg

Compound	Sample Result	PQL
Kerosene Range	NA	NA
C10 - C16 Jet Fuel Range	NA	NA
C9 - C22 Diesel Range	ND	10
Hydraulic Range	NA	NA

UR

PBD

2/7/94

ND = Not detected at the specified limits

Received: 10/04/93

TMA Inc.

REPORT

Work Order # A3-10-005

000020

Results by Sample

SAMPLE ID B08NR5

FRACTION 05A TEST CODE 8015MS NAME EPA 8015M EXTRACT.

Date & Time Collected 09/29/93

Category _____

MODIFIED 8015 - EXTRACTABLE FUEL HYDROCARBONS

Matrix: SOIL

Date Analyzed: 10/09/93

Dilution factor: 1.00

Concentration Units: mg/Kg

Compound	Sample Result	PQL
Kerosene Range	NA	NA
C10 - C16 Jet Fuel Range	NA	NA
C9 - C22 Diesel Range	ND	10
Hydraulic Range	NA	NA

OR

ND = Not detected at the specified limits

PBD
2/7/94

Received: 10/04/93

TNA Inc.

REPORT

Work Order # A3-10-005

Results by Sample

SAMPLE ID BOBNR6

FRACTION 06A TEST CODE 8015MS NAME EPA 8015M EXTRACT.

Date & Time Collected 09/29/93

Category _____

000022

MODIFIED 8015 - EXTRACTABLE FUEL HYDROCARBONS

Matrix: SOIL

Date Analyzed: 10/09/93

Dilution factor: 1.00

Concentration Units: mg/Kg

Compound	Sample Result	PQL
Kerosene Range	NA	NA
C10 - C16 Jet Fuel Range	NA	NA
C9 - C22 Diesel Range	ND	10
Hydraulic Range	NA	NA

UR

ND = Not detected at the specified limits

PBD
2/7/94

Form 1

Received: 10/04/93

TNA Inc.

REPORT

Work Order # A3-10-005

Results by Sample

SAMPLE ID B08NR7

FRACTION 07A TEST CODE 8015MS NAME EPA 8015M EXTRACT.

Date & Time Collected 09/29/93

Category _____

000024

MODIFIED 8015 - EXTRACTABLE FUEL HYDROCARBONS

Matrix: SOIL
Date Analyzed: 10/09/93
Dilution factor: 1.00
Concentration Units: mg/Kg

Compound	Sample Result	PQL
Kerosene Range	NA	NA
C10 - C16 Jet Fuel Range	NA	NA
C9 - C22 Diesel Range	ND	10
Hydraulic Range	NA	NA

Q R

PBD

2/7/94

ND = Not detected at the specified limits

Form I

Received: 10/04/93

TMA Inc.

REPORT

Work Order # A3-10-005

Results by Sample

000028

SAMPLE ID B06MR8

FRACTION 09A TEST CODE 8015MS NAME EPA 8015M EXTRACT.

Date & Time Collected 09/29/93

Category _____

MODIFIED 8015 - EXTRACTABLE FUEL HYDROCARBONS

Matrix: SOIL

Date Analyzed: 10/09/93

Dilution factor: 1.00

Concentration Units: mg/Kg

Compound	Sample Result	PQL
Kerosene Range	NA	NA
C10 - C16 Jet Fuel Range	NA	NA
C9 - C22 Diesel Range	ND	10
Hydraulic Range	NA	NA

QR

PBS

2/7/94

ND = Not detected at the specified limits

Form I

Received: 10/04/93

Results by Sample

SAMPLE ID B08NR9

FRACTION 08A TEST CODE 8015MS NAME EPA 8015M EXTRACT.

Date & Time Collected 09/29/93

Category _____

000026

MODIFIED 8015 - EXTRACTABLE FUEL HYDROCARBONS

Matrix: SOIL

Date Analyzed: 10/09/93

Dilution factor: 1.00

Concentration Units: mg/Kg

Compound	Sample Result	PQL
Kerosene Range	NA	NA
C10 - C16 Jet Fuel Range	NA	NA
C9 - C22 Diesel Range	ND	10
Hydraulic Range	NA	NA

U R

PED

2/7/94

ND = Not detected at the specified limits