9104L339-WES-051

0044563

DON'T SAY IT --- *Write It!*

DATE: December 7, 1993

TO: File 9104L339-WES-051

FROM: Doris Ayres SDLA

Telephone: 372-2507

SUBJECT: Changing Client Sample Numbers to HEIS sample numbers

The following sample numbers were changed within the referenced package:

Old Client Sample Number	New HEIS Sample Number
D3-4171-16	B09N75
D3-4171-17	B09N76

RECEIVED JUN 1996 EPMC

Roy F. Weston, Inc. - Lionville Laboratory
Volatiles by GC/MS, HSL List

RFW Batch Number: 9104L339 Client: WESTINGHOUSE HANFORD Work Order: 6168-02-01-0000 Report Date: 06/23/91 13:35 Page: 1a

	Cust ID:	D3-4171-16		D3-4171-17		VBLK	
Sample Information	RFW#:	001		002		91LVY082-MB1	
	Matrix:	SOIL		SOIL		SOIL	
	D.F.:	1.00		0.980		1.00	
	Units:	ug/Kg		ug/Kg		ug/Kg	
Surrogate Recovery	Toluene-d8	93	%	97	%	96	%
	Bromofluorobenzene	90	%	93	%	95	%
	1,2-Dichloroethane-d4	75	%	98	%	96	%
Chloromethane		11	U	11	U	10	U
Bromomethane		11	U	11	U	10	U
Vinyl Chloride		11	U	11	U	10	U
Chloroethane		11	U	11	U	10	U
Methylene Chloride		28	B	31	B	9	
Acetone		24	B	16	B	6	J
Carbon Disulfide		6	U	6	U	5	U
1,1-Dichloroethene		6	U	6	U	5	U
1,1-Dichloroethane		6	U	6	U	5	U
1,2-Dichloroethene (total)		6	U	6	U	5	U
Chloroform		6	U	6	U	5	U
1,2-Dichloroethane		6	U	6	U	5	U
2-Butanone		11	U	11	U	10	U
1,1,1-Trichloroethane		6	U	6	U	5	U
Carbon Tetrachloride		6	U	6	U	5	U
Vinyl Acetate		11	U	11	U	10	U
Bromodichloromethane		6	U	6	U	5	U
1,2-Dichloropropane		6	U	6	U	5	U
cis-1,3-Dichloropropene		6	U	6	U	5	U
Trichloroethene		6	U	6	U	5	U
Dibromochloromethane		6	U	6	U	5	U
1,1,2-Trichloroethane		6	U	6	U	5	U
Benzene		6	U	6	U	5	U
Trans-1,3-Dichloropropene		6	U	6	U	5	U
Bromoform		6	U	6	U	5	U
4-Methyl-2-pentanone		3	J	4	J	10	U
2-Hexanone		11	U	11	U	10	U
Tetrachloroethene		6	U	6	U	5	U
1,1,2,2-Tetrachloroethane		6	U	6	U	5	U

*= Outside of EPA CLP QC limits.

000004

Cust ID:	D3-4171-16		D3-4171-17		VBLK	
RFW#:	001		002		91LVY082-MB1	
Toluene	6	U	6	U	5	U
Chlorobenzene	6	U	6	U	5	U
Ethylbenzene	6	U	6	U	5	U
Styrene	6	U	6	U	5	U
Xylene (total)	6	U	6	U	5	U

*= Outside of EPA CLP QC limits.

000005

Custody Transfer Record/Lab Work Request

WESTON

WESTON Analytics Use Only
91074L 339

US-HANFORD

Client: WESTINGHOUSE HANFORD- V. ROHAY
Work Order: 61168-02-01
Date Rec'd.: 4/19/91 Date Due: 5/24/91
RFW Contact: D. Kung
Client Contact/Phone: V. ROHAY 376-5507

Refrigerator#			1								
#/Type Container			GLASS								
Volume			125ml								
Preservative			NONE								
ANALYSES REQUESTED			062444								
WA Use Only Lab ID	Client ID/Description	Matrix	Date Collected	062444							
001	D3-4171-16	SOIL	4-17-91	X							
002	D3-4171-17	SOIL	4-17-91	X							

QC/Del = CLP
TAT = 35 day

Matrix:
S - Soil, SE - Sediment, SO - Solid, W - Water, O - Oil, A - Air, Wi - Wipe, DS - Drum Solids, DL - Drum Liquids, F - Fish, L - EP/TCLP Leachate, X - Other

Special Instructions:

Item/Reason	Relinquished by	Received by	Date	Time	Item/Reason	Relinquished by	Received by	Date	Time
Emory	[illegible]	[illegible]	4/19/91	1:00					
RAD SCEN		Charles Ryan	4-19-91	2:00pm					
STORAGE	Charles Ryan		4-19-91	2:31pm					

WESTON Analytics Use Only

Samples Were:
1 Shipped or Hand-Delivered
NOTES:

2 Ambient or Chilled
NOTES:

3 Received Broken/Leaking (Improperly Sealed)
Y N
NOTES:

4 Properly Preserved
Y N
NOTES:

5 Received Within Holding Times
Y N
NOTES:

COC Tape Was:
1 Present on Outer Package Y N
2 Unbroken on Outer Package Y N
3 Present on Sample Y N
4 Unbroken on Sample Y N
NOTES:

COC Record Was:
1 Present Upon Receipt of Samples Y N

Discrepancies Between Sample Labels and COC Record? Y N
NOTES:

RFW 21-21-001/A-12/88

7-115

0000002

6 A

ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: WESTINGHOUSE HANFORD **SAMPLES RECEIVED:** 04-19-91
RFW #: 9104L339, GC/MS VOLATILE
W.O. #: 6168-02-01

NARRATIVE

The set of samples consisted of two (2) soil samples collected on 04-17-91.

The samples were analyzed according to criteria set forth in SW 846 Method 8240 for TCL Volatile target compounds on 04-23-91.

The following is a summary of the QC results accompanying these sample results and a description of any problems encountered during their analysis:

1. Non-target compounds were not detected in these samples.

2. All surrogate recoveries were within EPA QC limits.

3. Matrix spike and spike duplicate samples are associated with RFW lot 9104L328.

4. The laboratory blank contained the common contaminants methylene chloride and acetone at levels less than 2x the CRQL.

5. Internal standard area and retention time criteria were met for samples and blanks.

6.27.91.

Jack R. Tuschall, Ph.D. Date
Laboratory Manager
Lionville Analytical Laboratory

1A
VOLATILE ORGANICS ANALYSIS SHEET

0000015

CLIENT SAMPLE NO.

D3-4171-16

Lab Name: Roy F. Weston, Inc. Work Order: 6168-02-01-0000

Client: WESTINGHOUSE HANFORD

Matrix: SOIL

Lab Sample ID: 9104L339-001

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: Y042304

Level: (low/med) LOW

Date Received: 04/19/91

% Moisture: not dec. 7

Date Analyzed: 04/23/91

Column: (pack/cap) PACK

Dilution Factor: 1.00

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND		
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	28	B
67-64-1	Acetone	24	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-pentanone	3	J
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1E

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

D3-4171-16

Lab Name: Roy F. Weston, Inc. Work Order: 6168-02-01-0000

Client: WESTINGHOUSE HANFORD

Matrix: SOIL

Lab Sample ID: 9104L339-001

Sample wt/vol: 5.00 (g/mL) G

Lab File ID: Y042304

Level: (low/med) LOW

Date Received: 04/19/91

% Moisture: not dec. 7

Date Analyzed: 04/23/91

Column: (pack/cap) PACK

Dilution Factor: 1.00

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

00000026 6/22/95
00000026

1A
VOLATILE ORGANICS ANALYSIS SHEET

CLIENT SAMPLE NO.

D3-4171-17

Lab Name: Roy F. Weston, Inc. Work Order: 6168-02-01-0000

Client: WESTINGHOUSE HANFORD

Matrix: SOIL Lab Sample ID: 9104L339-002

Sample wt/vol: 5.10 (g/mL) G Lab File ID: Y042305

Level: (low/med) LOW Date Received: 04/19/91

% Moisture: not dec. 11 Date Analyzed: 04/23/91

Column: (pack/cap) PACK Dilution Factor: 0.980

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

CAS NO.	COMPOUND		
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	31	B
67-64-1	Acetone	16	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-pentanone	4	J
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1E

0000027 CLIENT SAMPLE NO.

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

D3-4171-17

Lab Name: Roy F. Weston, Inc. Work Order: 6168-02-01-0000

Client: WESTINGHOUSE HANFORD

Matrix: SOIL

Lab Sample ID: 9104L339-002

Sample wt/vol: 5.10 (g/mL) G

Lab File ID: Y042305

Level: (low/med) LOW

Date Received: 04/19/91

% Moisture: not dec. 11

Date Analyzed: 04/23/91

Column: (pack/cap) PACK

Dilution Factor: 0.980

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				