START 9613451.1457 12 A

9104L269-WTS-222

0044561

322

WESTON

ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: WESTINGHOUSE HANFORD **SAMPLES RECEIVED:** 04-12-91
RFW #: 9104L269, GC/MS VOLATILE
W.O. #: 6168-02-01

NARRATIVE

The set of samples consisted of ten (10) soil samples collected on 04-09,10-91.

The samples were analyzed according to criteria set forth in SW 846 Method 8240 for TCL Volatile target compounds on 04-16,17,18-91.

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 detected in these samples.

2. One (1) of forty-five (45) surrogate recoveries was outside EPA QC limits. EPA QC surrogate recovery criteria were not met for sample D1-4101-7 RE. The associated original analysis fulfilled its reanalysis requirement.

3. Matrix spike and spike duplicate samples are associated with RFW lot 9104L206.

4. The laboratory blanks contained the common contaminants methylene chloride and acetone at levels less than 3x the CRQL.

5. Internal standard areas were outside QC limits for the samples D3-491-2 and D1-4101-7. Both samples were re-analyzed on 04-17,18-91 and reported.

JUN 1996 RECEIVED EDMC

Kenneth Brown Nelson 6.26.91.

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

9613451.1458

ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: WESTINGHOUSE HANFORD **SAMPLES RECEIVED:** 04-12-91
RFW #: 9104L269
W.O. #: 6168-02-01

INORGANIC NARRATIVE

The following is a summary of the quality control results and a description of any problems encountered during the analysis of this batch of samples:

1. Replicate results are summarized on the Inorganic Precision report contained within this document. All results were within the 20% RPD guidance limit.

2. The analytical methods applied by the laboratory, unless otherwise requested, for all inorganic analyses are derived from the USEPA Method for Chemical Analysis of Water and Wastes (USEPA 600/4-79-020), and Standard Methods for the Examination of Water and Wastewater 16 ed. Methods for the analysis of solid samples are derived from Test Methods for Evaluating Solid Waste (USEPA SW846).

JUL 1991
RECEIVED
DATA RECEIPT

Jack R. Tuschall, Ph.D. 5.15.91
Date
Laboratory Manager
Lionville Analytical Laboratory

pas.21\i4-269

9-28-94

ROY F. WESTON INC.

INORGANICS DATA SUMMARY REPORT 05/08/91

CLIENT: WESTINGHOUSE HANFORD
WORK ORDER: 6168-02-01-0000

WESTON BATCH #: 9104L269

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT
-001	D3-491-1	% Solids	98.7	%	0.10
-002	D3-491-2	% Solids	96.6	%	0.10
-003	D1-491-4	% Solids	96.6	%	0.10
-004	D1-491-5	% Solids	95.8	%	0.10
-005	D1-4101-7	% Solids	83.6	%	0.10
-006	D1-4101-8	% Solids	78.8	%	0.10
-007	D2-4101-1	% Solids	89.8	%	0.10
-008	D2-4101-2	% Solids	91.8	%	0.10
-009	D3-4101-4	% Solids	97.0	%	0.10
-010	D3-4101-5	% Solids	96.8	%	0.10

Custody Transfer Record/Lab Work Request

WESTON

WESTON Analytics Use Only: 9104L269

(WS HANFORD)

Client: ~~VIRGINIA ROHAY~~ — WH CHANFORD

Westinghouse - Hanford

Work Order: ~~91-025~~ SAF # 67 BTS 8-01

Date Rec'd.: 4/12/91 Date Due: 5/17/91

RFW Contact: J. Kelley

Client Contact/Phone: V. ROHAY (509) 376-5507

WA Use Only Lab ID	Client ID/Description	Matrix	Date Collected	VOA								
				Refrigerate	1							
				#/Type Container	G							
				Volume	125							
				Preservative	N/A							
				ANALYSES REQUESTED	VOA							
001	D3-491-1	SOIL	4-9-91		X							
2	D3-491-2				X							
3	D1-491-4				X							
4	D1-491-5				X							
5	D1-4101-7	SOIL	4-10-91		X							
6	D1-4101-8				X							
7	D2-4101-1				X							
8	D2-4101-2				X							
9	D3-4101-4				X							
10	D3-4101-5				X							
	~~D3-4101-6~~ # 4-10-91											

GC/DL = CL
TPH = 3 ~~2~~ 1 L

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
All	S.A. Hogan Emery		4/12/91	10:30					

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

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

RFW Batch Number: 9104L269 Client: WESTINGHOUSE HANFORD Work Order: 6168-02-01-0000 Report Date: 06/03/91 12:14 Page: 1a

	Cust ID:	D3-491-1		D3-491-2		D3-491-2		D1-491-4		D1-491-5		D1-4101-7	
Sample Information	RFW#:	001		002		002		003		004		005	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	D.F.:	0.980		0.980		0.980		1.00		1.00		0.962	
	Units:	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
						REPREP							
Surrogate Recovery	Toluene-d8	98	%	104	%	96	%	100	%	97	%	96	%
	Bromofluorobenzene	95	%	99	%	90	%	94	%	95	%	92	%
	1,2-Dichloroethane-d4	107	%	116	%	105	%	110	%	92	%	108	%
			fl		fl		fl		fl		fl		fl
Chloromethane		10	U	10	U	10	U	10	U	10	U	12	U
Bromomethane		10	U	10	U	10	U	10	U	10	U	12	U
Vinyl Chloride		10	U	10	U	10	U	10	U	10	U	12	U
Chloroethane		10	U	10	U	10	U	10	U	10	U	12	U
Methylene Chloride		19	B	22	B	20	B	17	B	49	B	39	B
Acetone		21	B	46	B	48	B	26	B	23	B	48	B
Carbon Disulfide		5	U	5	U	5	U	5	U	5	U	6	U
1,1-Dichloroethene		5	U	5	U	5	U	5	U	5	U	6	U
1,1-Dichloroethane		5	U	5	U	5	U	5	U	5	U	6	U
1,2-Dichloroethene (total)		5	U	5	U	5	U	5	U	5	U	6	U
Chloroform		5	U	5	U	5	U	5	U	5	U	6	U
1,2-Dichloroethane		5	U	5	U	5	U	5	U	5	U	6	U
2-Butanone		10	U	10	U	10	U	10	U	10	U	12	U
1,1,1-Trichloroethane		5	U	5	U	5	U	5	U	5	U	6	U
Carbon Tetrachloride		5	U	5	U	5	U	5	U	5	U	6	U
Vinyl Acetate		10	U	10	U	10	U	10	U	10	U	12	U
Bromodichloromethane		5	U	5	U	5	U	5	U	5	U	6	U
1,2-Dichloropropane		5	U	5	U	5	U	5	U	5	U	6	U
cis-1,3-Dichloropropene		5	U	5	U	5	U	5	U	5	U	6	U
Trichloroethene		5	U	5	U	5	U	5	U	5	U	6	U
Dibromochloromethane		5	U	5	U	5	U	5	U	5	U	6	U
1,1,2-Trichloroethane		5	U	5	U	5	U	5	U	5	U	6	U
Benzene		5	U	5	U	5	U	5	U	5	U	6	U
Trans-1,3-Dichloropropene		5	U	5	U	5	U	5	U	5	U	6	U
Bromoform		5	U	5	U	5	U	5	U	5	U	6	U
4-Methyl-2-pentanone		6	J	14		10		5	J	5	J	14	
2-Hexanone		10	U	10	U	10	U	10	U	10	U	12	U
Tetrachloroethene		5	U	5	U	5	U	5	U	5	U	6	U
1,1,2,2-Tetrachloroethane		5	U	5	U	5	U	5	U	5	U	6	U

*= Outside of EPA CLP QC limits.

9000000 1941.1461

Cust ID:	D3-491-1	D3-491-2	D3-491-2	D1-491-4	D1-491-5	D1-4101-7
RFW#:	001	002	002 REPREP	003	004	005
Toluene	5 U	5 U	5 U	5 U	5 U	6 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U	6 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U	6 U
Styrene	5 U	5 U	5 U	5 U	5 U	6 U
Xylene (total)	5 U	5 U	5 U	5 U	5 U	6 U

*= Outside of EPA CLP QC limits.

9613451.1462 0000007

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

Report Date: 06/03/91 12:14

RFW Batch Number: 9104L269 Client: WESTINGHOUSE HANFORD Work Order: 6168-02-01-0000 Page: 2a

	Cust ID:	D1-4101-7		D1-4101-8		D2-4101-1		D2-4101-2		D3-4101-4		D3-4101-5	
Sample Information	RFW#:	005		006		007		008		009		010	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	D.F.:	0.980		0.980		0.980		0.980		0.980		0.980	
	Units:	ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg		ug/Kg	
		REPREP											
	Toluene-d8	100	%	98	%	102	%	101	%	98	%	99	%
Surrogate	Bromofluorobenzene	98	%	100	%	97	%	96	%	95	%	97	%
Recovery	1,2-Dichloroethane-d4	67 *	%	79	%	98	%	97	%	96	%	100	%
			fl		fl		fl		fl		fl		fl
Chloromethane		12	U	12	U	11	U	11	U	10	U	10	U
Bromomethane		12	U	12	U	11	U	11	U	10	U	10	U
Vinyl Chloride		12	U	12	U	11	U	11	U	10	U	10	U
Chloroethane		12	U	12	U	11	U	11	U	10	U	10	U
Methylene Chloride		65	B	65	B	34	B	35	B	33	B	47	B
Acetone		67	B	41	B	76	B	72	B	58	B	65	B
Carbon Disulfide		6	U	6	U	6	U	6	U	5	U	5	U
1,1-Dichloroethene		6	U	6	U	6	U	6	U	5	U	5	U
1,1-Dichloroethane		6	U	6	U	6	U	6	U	5	U	5	U
1,2-Dichloroethene (total)		6	U	6	U	6	U	6	U	5	U	5	U
Chloroform		6	U	6	U	6	U	6	U	5	U	5	U
1,2-Dichloroethane		6	U	6	U	6	U	6	U	5	U	5	U
2-Butanone		12	U	12	U	11	U	11	U	10	U	10	U
1,1,1-Trichloroethane		6	U	6	U	6	U	6	U	5	U	5	U
Carbon Tetrachloride		6	U	6	U	6	U	6	U	5	U	5	U
Vinyl Acetate		12	U	12	U	11	U	11	U	10	U	10	U
Bromodichloromethane		6	U	6	U	6	U	6	U	5	U	5	U
1,2-Dichloropropane		6	U	6	U	6	U	6	U	5	U	5	U
cis-1,3-Dichloropropene		6	U	6	U	6	U	6	U	5	U	5	U
Trichloroethene		6	U	6	U	6	U	6	U	5	U	5	U
Dibromochloromethane		6	U	6	U	6	U	6	U	5	U	5	U
1,1,2-Trichloroethane		6	U	6	U	6	U	6	U	5	U	5	U
Benzene		6	U	6	U	6	U	6	U	5	U	5	U
Trans-1,3-Dichloropropene		6	U	6	U	6	U	6	U	5	U	5	U
Bromoform		6	U	6	U	6	U	6	U	5	U	5	U
4-Methyl-2-pentanone		25		9	J	15		7	J	12		17	
2-Hexanone		12	U	12	U	11	U	11	U	10	U	10	U
Tetrachloroethene		6	U	6	U	6	U	6	U	5	U	5	U
1,1,2,2-Tetrachloroethane		6	U	6	U	6	U	6	U	5	U	5	U

*= Outside of EPA CLP QC limits.

9613451.1463 0000008

Cust ID:	D1-4101-7	D1-4101-8	D2-4101-1	D2-4101-2	D3-4101-4	D3-4101-5
RFW#:	005 REPREP	006	007	008	009	010
Toluene	6 U	6 U	6 U	6 U	5 U	5 U
Chlorobenzene	6 U	6 U	6 U	6 U	5 U	5 U
Ethylbenzene	6 U	6 U	6 U	6 U	5 U	5 U
Styrene	6 U	6 U	6 U	6 U	5 U	5 U
Xylene (total)	6 U	6 U	6 U	6 U	5 U	5 U

*= Outside of EPA CLP QC limits.

0000009

9613451.1464

9613451.1465 12 A

ROY F. WESTON, INC.
Lionville Laboratory

CLIENT: WESTINGHOUSE HANFORD **SAMPLES RECEIVED:** 04-12-91
RFW #: 9104L269, GC/MS VOLATILE
W.O. #: 6168-02-01

NARRATIVE

The set of samples consisted of ten (10) soil samples collected on 04-09,10-91.

The samples were analyzed according to criteria set forth in SW 846 Method 8240 for TCL Volatile target compounds on 04-16,17,18-91.

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 detected in these samples.

2. One (1) of forty-five (45) surrogate recoveries was outside EPA QC limits. EPA QC surrogate recovery criteria were not met for sample D1-4101-7 RE. The associated original analysis fulfilled its reanalysis requirement.

3. Matrix spike and spike duplicate samples are associated with RFW lot 9104L206.

4. The laboratory blanks contained the common contaminants methylene chloride and acetone at levels less than 3x the CRQL.

5. Internal standard areas were outside QC limits for the samples D3-491-2 and D1-4101-7. Both samples were re-analyzed on 04-17,18-91 and reported.

6.26.91.

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

9613451.1466

1A

0000025

CLIENT SAMPLE NO.

VOLATILE ORGANICS ANALYSIS SHEET

D3-491-1

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL

Lab Sample ID: 9104L269-001

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

Lab File ID: Y041616

Level: (low/med) LOW

Date Received: 04/12/91

% Moisture: not dec. 1

Date Analyzed: 04/16/91

Column: (pack/cap) PACK

Dilution Factor: 0.980

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

CAS NO.	COMPOUND		
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	19	B
67-64-1	Acetone	21	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-pentanone	6	J
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

9613451.1467

1E

0000026

CLIENT SAMPLE NO.

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

D3-491-1

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL

Lab Sample ID: 9104L269-001

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

Lab File ID: Y041616

Level: (low/med) LOW

Date Received: 04/12/91

% Moisture: not dec. 1

Date Analyzed: 04/16/91

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.				

9613451.1468

1A

0000036

CLIENT SAMPLE NO.

VOLATILE ORGANICS ANALYSIS SHEET

D3-491-2

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL Lab Sample ID: 9104L269-002

Sample wt/vol: 5.10 (g/mL) G Lab File ID: Y041617

Level: (low/med) LOW Date Received: 04/12/91

% Moisture: not dec. 3 Date Analyzed: 04/16/91

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	22	B
67-64-1	Acetone	46	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-pentanone	14	
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

9613451.1469

1E

0000037

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

D3-491-2

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL

Lab Sample ID: 9104L269-002

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

Lab File ID: Y041617

Level: (low/med) LOW

Date Received: 04/12/91

% Moisture: not dec. 3

Date Analyzed: 04/16/91

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.				

9613451.1470 0000047

1A

VOLATILE ORGANICS ANALYSIS SHEET

CLIENT SAMPLE NO.

D3-491-2RE

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL

Lab Sample ID: 9104L269-002

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

Lab File ID: Y041710

Level: (low/med) LOW

Date Received: 04/12/91

% Moisture: not dec. 3

Date Analyzed: 04/17/91

Column: (pack/cap) PACK

Dilution Factor: 0.980

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

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

CLIENT SAMPLE NO.

D3-491-2RE

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL Lab Sample ID: 9104L269-002

Sample wt/vol: 5.10 (g/mL) G Lab File ID: Y041710

Level: (low/med) LOW Date Received: 04/12/91

% Moisture: not dec. 3 Date Analyzed: 04/17/91

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.				

9613451.1472 0000058

1A

VOLATILE ORGANICS ANALYSIS SHEET

CLIENT SAMPLE NO.

D1-491-4

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL

Lab Sample ID: 9104L269-003

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

Lab File ID: Y041711

Level: (low/med) LOW

Date Received: 04/12/91

% Moisture: not dec. 4

Date Analyzed: 04/17/91

Column: (pack/cap) PACK

Dilution Factor: 1.00

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

CAS NO.	COMPOUND		
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	17	B
67-64-1	Acetone	26	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-pentanone	5	J
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

9613451.1473 0000059

1E

CLIENT SAMPLE NO.

D1-491-4

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL

Lab Sample ID: 9104L269-003

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

Lab File ID: Y041711

Level: (low/med) LOW

Date Received: 04/12/91

% Moisture: not dec. 4

Date Analyzed: 04/17/91

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.				

9613451.1474 0000069

1A

VOLATILE ORGANICS ANALYSIS SHEET

CLIENT SAMPLE NO.

D1-491-5

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL

Lab Sample ID: 9104L269-004

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

Lab File ID: Y041804

Level: (low/med) LOW

Date Received: 04/12/91

% Moisture: not dec. 4

Date Analyzed: 04/18/91

Column: (pack/cap) PACK

Dilution Factor: 1.00

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

CAS NO.	COMPOUND		
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	49	B
67-64-1	Acetone	23	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-pentanone	5	J
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

9613451.1475
1E

0000070

CLIENT SAMPLE NO.

D1-491-5

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL

Lab Sample ID: 9104L269-004

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

Lab File ID: Y041804

Level: (low/med) LOW

Date Received: 04/12/91

% Moisture: not dec. 4

Date Analyzed: 04/18/91

Column: (pack/cap) PACK

Dilution Factor: 1.00

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.97	7	J

9613451.1476

1A

0000082 CLIENT SAMPLE NO.

VOLATILE ORGANICS ANALYSIS SHEET

D1-4101-7

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL Lab Sample ID: 9104L269-005

Sample wt/vol: 5.20 (g/mL) G Lab File ID: Y041713

Level: (low/med) LOW Date Received: 04/12/91

% Moisture: not dec. 16 Date Analyzed: 04/17/91

Column: (pack/cap) PACK Dilution Factor: 0.962

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

CAS NO.	COMPOUND		
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	39	B
67-64-1	Acetone	48	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	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	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	14	
591-78-6	2-Hexanone	12	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

9613451.1477
1E

0000083 CLIENT SAMPLE NO.

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

D1-4101-7

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL

Lab Sample ID: 9104L269-005

Sample wt/vol: 5.20 (g/mL) G

Lab File ID: Y041713

Level: (low/med) LOW

Date Received: 04/12/91

% Moisture: not dec. 16

Date Analyzed: 04/17/91

Column: (pack/cap) PACK

Dilution Factor: 0.962

Number TICs found: 0

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

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

9613451.1478

1A

0000093

CLIENT SAMPLE NO.

VOLATILE ORGANICS ANALYSIS SHEET

D1-4101-7RE

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL Lab Sample ID: 9104L269-005

Sample wt/vol: 5.10 (g/mL) G Lab File ID: Y041805

Level: (low/med) LOW Date Received: 04/12/91

% Moisture: not dec. 16 Date Analyzed: 04/18/91

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

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

CAS NO.	COMPOUND		
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	65	B
67-64-1	Acetone	67	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	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	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	25	
591-78-6	2-Hexanone	12	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

9613451.1479 0000103

1A

VOLATILE ORGANICS ANALYSIS SHEET

CLIENT SAMPLE NO.

D1-4101-8

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL Lab Sample ID: 9104L269-006

Sample wt/vol: 5.10 (g/mL) G Lab File ID: Y041806

Level: (low/med) LOW Date Received: 04/12/91

% Moisture: not dec. 21 Date Analyzed: 04/18/91

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

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

CAS NO.	COMPOUND		
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	65	B
67-64-1	Acetone	41	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	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	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	9	J
591-78-6	2-Hexanone	12	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

9613451.1480 0000104

1E

CLIENT SAMPLE NO.

D1-4101-8

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL

Lab Sample ID: 9104L269-006

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

Lab File ID: Y041806

Level: (low/med) LOW

Date Received: 04/12/91

% Moisture: not dec. 21

Date Analyzed: 04/18/91

Column: (pack/cap) PACK

Dilution Factor: 0.980

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.00	7	J

9613451.1481

1A

0000116

CLIENT SAMPLE NO.

VOLATILE ORGANICS ANALYSIS SHEET

D2-4101-1

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL

Lab Sample ID: 9104L269-007

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

Lab File ID: Y041807

Level: (low/med) LOW

Date Received: 04/12/91

% Moisture: not dec. 10

Date Analyzed: 04/18/91

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	34	B
67-64-1	Acetone	76	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	15	
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

9613451.1482
1E

0000117 CLIENT SAMPLE NO.

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

D2-4101-1

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL

Lab Sample ID: 9104L269-007

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

Lab File ID: Y041807

Level: (low/med) LOW

Date Received: 04/12/91

% Moisture: not dec. 10

Date Analyzed: 04/18/91

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.				

9613451.1483

1A

0000127 CLIENT SAMPLE NO.

VOLATILE ORGANICS ANALYSIS SHEET

D2-4101-2

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL Lab Sample ID: 9104L269-008

Sample wt/vol: 5.10 (g/mL) G Lab File ID: Y041808

Level: (low/med) LOW Date Received: 04/12/91

% Moisture: not dec. 8 Date Analyzed: 04/18/91

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	35	B
67-64-1	Acetone	72	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	7	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

9613451.1484
1E

0000128

CLIENT SAMPLE NO.

D2-4101-2

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL

Lab Sample ID: 9104L269-008

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

Lab File ID: Y041808

Level: (low/med) LOW

Date Received: 04/12/91

% Moisture: not dec. 8

Date Analyzed: 04/18/91

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.				

9613451.1485

1A

0000138 CLIENT SAMPLE NO.

VOLATILE ORGANICS ANALYSIS SHEET

D3-4101-4

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL Lab Sample ID: 9104L269-009

Sample wt/vol: 5.10 (g/mL) G Lab File ID: Y041809

Level: (low/med) LOW Date Received: 04/12/91

% Moisture: not dec. 3 Date Analyzed: 04/18/91

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

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

CAS NO.	COMPOUND		
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	33	B
67-64-1	Acetone	58	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-pentanone	12	
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

9613451.1486

1E

0000139 CLIENT SAMPLE NO.

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

D3-4101-4

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL

Lab Sample ID: 9104L269-009

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

Lab File ID: Y041809

Level: (low/med) LOW

Date Received: 04/12/91

% Moisture: not dec. 3

Date Analyzed: 04/18/91

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.				

9613451.1487

1A

0000149 CLIENT SAMPLE NO.

VOLATILE ORGANICS ANALYSIS SHEET

D3-4101-5

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL Lab Sample ID: 9104L269-010

Sample wt/vol: 5.10 (g/mL) G Lab File ID: Y041810

Level: (low/med) LOW Date Received: 04/12/91

% Moisture: not dec. 3 Date Analyzed: 04/18/91

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

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

CAS NO.	COMPOUND		
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	47	B
67-64-1	Acetone	65	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-pentanone	17	
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

9613451.1488 0000150
1E

CLIENT SAMPLE NO.

D3-4101-5

VOLATILE ORGANICS ANALYSIS SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

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

Client: WESTINGHOUSE HANFORD

Matrix: SOIL

Lab Sample ID: 9104L269-010

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

Lab File ID: Y041810

Level: (low/med) LOW

Date Received: 04/12/91

% Moisture: not dec. 3

Date Analyzed: 04/18/91

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.				