80639-WES-1323

0048354

ISOTOPES

WESTON/WESTINGHOUSE/HANFORD

Case Narrative/Cover Sheet for Reports of Analysis and Lab Data

Date 07-17-92

TI #'s 80639 - 80642

WO # 4-2260

NOV 1997 RECEIVED EDMC

JUL 1992 RECEIVED OSM DMO

Comments:

There were no unusual occurrences with the analysis of these samples.

Contents:

Reports of Analysis		4	Pages
Gross Alpha	PRO-032-1	3	Pages
Gross Beta		-	Pages
Gamma	PRO-042-5	4	Pages
C-O-C		1	Pages
Other		-	Pages

TELEDYNE ISOTOPES

REPORT OF ANALYSIS

RUN DATE 07/14/92

WORK ORDER NUMBER	CUSTOMER P.O. NUMBER	DATE RECEIVED	DELIVERY DATE	PAGE 1
4-2260	LL-1140-F4	06/19/92	07/17/92	

MS JOSIE KING
WESTON/WESTINGHOUSE/HANFORD
208 WELSH POOL ROAD
PICKERING CREEK INDUSTRIAL PARK
LIONVILLE PA 19341-1313

W A T E R

TELEDYNE SAMPLE NUMBER	CUSTOMER'S IDENTIFICATION	STA NUM	COLLECTION-DATE START DATE	START TIME	STOP DATE	STOP TIME	NUCLIDE	ACTIVITY (PCI/LITER)	NUCL-UNIT-% U/M ÷	MID-COUNT TIME DATE	MID-COUNT TIME TIME	VOLUME - UNITS ASH-WGHT-% *	LAB.
80639	9206L608-001	806PR4	06/07				GR-A	L.T. 2. E 00		07/08			3
							GR-B	1.2 +-0.1 E 02		07/08			3
							GR-A	1.2 +-1.73E 00		07/08			3
							GR-B	L.T. 2. E 00		07/08			3
							BE-7	L.T. 8. E 01		07/01			4
							K-40	L.T. 2. E 02		07/01			4
							MN-54	L.T. 7. E 00		07/01			4
							CO-58	L.T. 8. E 00		07/01			4
							FE-59	L.T. 2. E 01		07/01			4
							CO-60	L.T. 6. E 00		07/01			4
							ZN-65	L.T. 2. E 01		07/01			4
							ZR-95	L.T. 8. E 00		07/01			4
							RU-103	L.T. 1. E 01		07/01			4
							RU-106	L.T. 6. E 01		07/01			4
							I-131	L.T. 6. E 01		07/01			4
							CS-134	L.T. 7. E 00		07/01			4
							CS-137	L.T. 7. E 00		07/01			4
							BA-140	L.T. 3. E 01		07/01			4
							CE-141	L.T. 2. E 01		07/01			4
							CE-144	L.T. 4. E 01		07/01			4
							EU-152	L.T. 2. E 01		07/01			4
							EU-154	L.T. 2. E 01		07/01			4
							EU-155	L.T. 2. E 01		07/01			4
							RA-226	L.T. 1. E 02		07/01			4
							TH-228	L.T. 1. E 01		07/01			4
							TH-234	L.T. 1. E 02		07/01			4
80640	9206L608-004	806PS3	06/07				GR-A	L.T. 1. E 00		07/08			3
							GR-B	1.2 +-0.2 E 01		07/08			3
							GR-A	6.3 +-10.4E-01		07/08			3
							GR-B	L.T. 2. E 00		07/08			3
							BE-7	L.T. 7. E 01		07/01			4

TELEDYNE ISOTOPES

REPORT OF ANALYSIS

RUN DATE 07/14/92

WORK ORDER NUMBER	CUSTOMER P.O. NUMBER	DATE RECEIVED	DELIVERY DATE	PAGE 2
4-2260	LL-1140-F4	06/19/92	07/17/92	

MS JOSIE KING
WESTON/WESTINGHOUSE/HANFORD
208 WELSH POOL ROAD
PICKERING CREEK INDUSTRIAL PARK
LIONVILLE PA 19341-1313

W A T E R

TELEDYNE SAMPLE NUMBER	CUSTOMER'S IDENTIFICATION	STA NUM	COLLECTION-DATE START DATE	START TIME	STOP DATE	STOP TIME	NUCLIDE	ACTIVITY (PCI/LITER)	NUCL-UNIT-% U/M *	MID-COUNT TIME DATE	MID-COUNT TIME TIME	VOLUME - UNITS ASH-WGHT-% *	LAB.
80640	9206L608-004	806PS3	06/07				K-40	L.T. 9. E 01		07/01			4
							MN-54	L.T. 6. E 00		07/01			4
							CO-58	L.T. 6. E 00		07/01			4
							FE-59	L.T. 2. E 01		07/01			4
							CO-60	L.T. 6. E 00		07/01			4
							ZN-65	L.T. 1. E 01		07/01			4
							ZR-95	L.T. 8. E 00		07/01			4
							RU-103	L.T. 1. E 01		07/01			4
							RU-106	L.T. 6. E 01		07/01			4
							I-131	L.T. 5. E 01		07/01			4
							CS-134	L.T. 7. E 00		07/01			4
							CS-137	L.T. 9. E 00		07/01			4
							BA-140	L.T. 3. E 01		07/01			4
							CE-141	L.T. 2. E 01		07/01			4
							CE-144	L.T. 5. E 01		07/01			4
							EU-152	L.T. 2. E 01		07/01			4
							EU-154	L.T. 2. E 01		07/01			4
							EU-155	L.T. 2. E 01		07/01			4
							RA-226	L.T. 1. E 02		07/01			4
							TH-228	L.T. 1. E 01		07/01			4
							TH-234	L.T. 1. E 02		07/01			4
80641	9206L608-007	806PS6	06/07				GR-A	L.T. 2. E 00		07/08			3
							GR-B	7.9 +-0.3 E 01		07/08			3
							GR-A	6.7 +-11.1E-01		07/08			3
							GR-B	L.T. 2. E 00		07/08			3
							BE-7	L.T. 7. E 01		07/06			4
							K-40	L.T. 1. E 02		07/06			4
							MN-54	L.T. 5. E 00		07/06			4
							CO-58	L.T. 6. E 00		07/06			4
							FE-59	L.T. 2. E 01		07/06			4
							CO-60	L.T. 6. E 00		07/06			4

TELEDYNE ISOTOPES

REPORT OF ANALYSIS

RUN DATE 07/16/92

WORK ORDER NUMBER	CUSTOMER P.O. NUMBER	DATE RECEIVED	DELIVERY DATE	PAGE 3
4-2260	LL-1140-F4	06/19/92	07/17/92	

MS JOSIE KING
WESTON/WESTINGHOUSE/HANFORD
208 WELSH POOL ROAD
PICKERING CREEK INDUSTRIAL PARK
LIONVILLE PA 19341-1313

W A T E R

TELEDYNE SAMPLE NUMBER	CUSTOMER'S IDENTIFICATION	STA NUM	COLLECTION-DATE START DATE	START TIME	STOP DATE	STOP TIME	NUCLIDE	ACTIVITY (PCI/LITER)	NUCL-UNIT-% U/M *	MID-COUNT TIME DATE	MID-COUNT TIME TIME	VOLUME - UNITS ASH-WGHT-% *	LAB.
80641	9206L608-007	806PS6	06/07				ZN-65	L.T. 1. E 01		07/06			4
							ZR-95	L.T. 8. E 00		07/06			4
							RU-103	L.T. 1. E 01		07/06			4
							RU-106	L.T. 5. E 01		07/06			4
							I-131	L.T. 8. E 01		07/06			4
							CS-134	L.T. 7. E 00		07/06			4
							CS-137	L.T. 6. E 00		07/06			4
							BA-140	L.T. 3. E 01		07/06			4
							CE-141	L.T. 2. E 01		07/06			4
							CE-144	L.T. 6. E 01		07/06			4
							EU-152	L.T. 2. E 01		07/06			4
							EU-154	L.T. 2. E 01		07/06			4
							EU-155	L.T. 2. E 01		07/06			4
							RA-226	L.T. 2. E 02		07/06			4
							TH-228	L.T. 1. E 01		07/06			4
							TH-234	L.T. 2. E 02		07/06			4
80642	9206L608-010	806PS9	06/07				GR-A	L.T. 1. E 00		07/08			3
							GR-B	8.7 +-1.5 E 00		07/08			3
							GR-A	0.0 +-.869E 00		07/08			3
							GR-B	L.T. 2. E 00		07/08			3
							BE-7	L.T. 1. E 02		07/01			4
							K-40	L.T. 2. E 02		07/01			4
							MN-54	L.T. 9. E 00		07/01			4
							CO-58	L.T. 9. E 00		07/01			4
							FE-59	L.T. 2. E 01		07/01			4
							CO-60	L.T. 9. E 00		07/01			4
							ZN-65	L.T. 2. E 01		07/01			4
							ZR-95	L.T. 9. E 00		07/01			4
							RU-103	L.T. 1. E 01		07/01			4
							RU-106	L.T. 7. E 01		07/01			4
							I-131	L.T. 7. E 01		07/01			4

TELEDYNE ISOTOPES

REPORT OF ANALYSIS

RUN DATE 07/14/92

WORK ORDER NUMBER	CUSTOMER P.O. NUMBER	DATE RECEIVED	DELIVERY DATE	PAGE 4
4-2260	LL-1140-F4	06/19/92	07/17/92	

MS JOSIE KING
WESTON/WESTINGHOUSE/HANFORD
208 WELSH POOL ROAD
PICKERING CREEK INDUSTRIAL PARK
LIONVILLE PA 19341-1313

W A T E R

TELEDYNE SAMPLE NUMBER	CUSTOMER'S IDENTIFICATION	STA NUM	COLLECTION-DATE START DATE	START TIME	STOP DATE	STOP TIME	NUCLIDE	ACTIVITY (PCI/LITER)	NUCL-UNIT-% U/M *	MID-COUNT TIME DATE	MID-COUNT TIME TIME	VOLUME - UNITS ASH-WGHT-% *	LAB.
80642	9206L609-010	906PS9	06/07				CS-134	L.T. 9. E 00		07/01			4
							CS-137	L.T. 9. E 00		07/01			4
							BA-140	L.T. 3. E 01		07/01			4
							CE-141	L.T. 2. E 01		07/01			4
							CE-144	L.T. 6. E 01		07/01			4
							EU-152	L.T. 2. E 01		07/01			4
							EU-154	L.T. 2. E 01		07/01			4
							EU-155	L.T. 3. E 01		07/01			4
							RA-226	L.T. 1. E 02		07/01			4
							TH-228	L.T. 1. E 01		07/01			4
							TH-234	L.T. 2. E 02		07/01			4

LAST PAGE OF REPORT

J Guenther
APPROVED BY J. GUENTHER 07/14/92

SEND 1 COPIES TO WE884S MS JOSIE KING

2 - GAS LAB. 3 - RADIO CHEMISTRY LAB. 4 - GE(LI) GAMMA SPEC LAB. 5 - TRITIUM GAS/L.S. LAB. 6 - ALPHA SPEC LAB.

WESTON Analytics Use Only

Custody Transfer Record/Lab Work Request

WESTON

Page ____ of ____

Client: Weston
Est. Final Proj. Sampling Date:
Work Order #: 6168-02-01
Project Contact/Phone #:
AD Project Manager: J King
QC: CLP Del: CLP TAT:
Date Rec'd: Date Due:
Account #:

Refrigerator #:
Type Container: Liquid / Solid
Volume: Liquid / Solid
Preservatives:

ANALYSES REQUESTED →

ORGANIC							INORG	
VOA	BNA	Pest/PCB	Herb	Radiochem			Metal	CN

MATRIX CODES:
S - Soil
SE - Sediment
SO - Solid
SL - Sludge
W - Water
O - Oil
A - Air
DS - Drum Solids
DL - Drum Liquids
L - EP/TCLP Leachate
WI - Wipe
X - Other
F - Fish

Lab ID	Client ID Description	Matrix QC Chosen (✓) MS	MSD	Matrix	Date Collected	Time Collected	WESTON Analytics Use Only													
	B06PR4			W	6/7/92						✓			9206L6608-001						
	B06PS3																		-004	
	B06PS6																		-007	
	B06PS9																		-010	
	Radiochem: Gross Alpha / Beta, Gamma Scan																			

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

Special Instructions:

DATE/REVISIONS:
1
2
3
4
5
6

WESTON Analytics Use Only

Samples were
1) Shipped ___ or Hand Delivered ___
Airbill # _____
2) Ambient or Chilled
3) Received in Good Condition Y or N
4) Labels Indicate Properly Preserved Y or N
5) Received Within Holding Times Y or N

COC Tape was:
1) Present on Outer Package Y or N
2) Unbroken on Outer Package Y or N
3) Present on Sample Y or N
4) Unbroken on Sample Y or N

COC Record Present Upon Sample Rec't Y or N

Discrepancies Between Samples Labels and COC Record? Y or N
NOTES:

Relinquished by	Received by	Date	Time
[illegible]	[illegible]	6/11/92	1630

Relinquished by	Received by	Date	Time
	D. Adam	6-1992	1200

RFW 21-21-001/A-7/91 ____ L372 ____ L373 ____ L375 ____ L377 ____ L378 Ref# _____ Cooler# _____ 381-596a

OFFICE OF SAMPLE MANAGEMENT

RECORD OF DISPOSITION

ROD-92-00137
Record of Disposition No.

DATE: 7-8-92

LABORATORY: WESTON

PROJECT TITLE/NO.: 200 AAMS/92-128

NCR NO.:

SAMPLE IDENTIFICATION NUMBERS:

B06PS9
B06PT1

DESCRIPTION OF EVENT:

THE WESTON LABORATORY TECHNICIAN RUNNING THE VOA ANALYSIS OVERLOOKED SAMPLE NUMBERS B06PS9 AND B06PT1 AND DID NOT RUN THE VOA ANALYSIS BEFORE HOLDING TIMES HAD BEEN MISSED. THE SAMPLES WERE RUN 6 DAYS PAST THE HOLDING TIME.

DISPOSITION OF SAMPLES:

WITH CONCURRENCE FROM THE ERE PROJECT COORDINATOR (BRUCE FORD) THE RESULTS OF THE VOA ANALYSIS ARE TO BE REPORTED.

APPROVAL SIGNATURES:

JEFF LERCH/ Karl D. Park for J.L — 7/12/92
OSM Project Coordinator (Print/Sign Name) — Date

BRUCE FORD/ [signature] — 7/21/92
Technical Representative (Print/Sign Name) — Date

Quality Assurance (Print/Sign Name) — Date

WESTON
MANAGERS DESIGNERS/CONSULTANTS

208 WELSH POOL ROAD
LIONVILLE, PA 19341-1313

PHONE: (215) 524-7360
TELECOPY: 1ST FLOOR (215) 524-1723
2ND FLOOR (215) 524-7603

DATE: 6/25/92

TELECOPY COVER PAGE

TOTAL NUMBER OF PAGES: 7
(INCLUDING COVER PAGE)

PLEASE DELIVER THE FOLLOWING INFORMATION TO:

NAME: Ted Washington

LOCATION: OSM

TELECOPY SENT FROM:

NAME: Josie King

LOCATION: WESTON

NOTE: If you do not receive all of the pages, please call us at the above phone number as soon as possible.

Ted—
The Voa samples -010 + -012 were missed being analyzed and are now out of hold. Need to know whether you want us to go ahead + analyze out of hold or re-sample for these or what ??? Will need to know by tomorrow if not this P.M.
Josie

WESTON Analytics Use Only
92061608

Custody Transfer Record/Lab Work Request

WESTON

Page 1 of 2

Client: Westinghouse Hanford
Est. Final Proj. Sampling Date:
Work Order #: 61168-0201-0000
Project Contact Phone #:
AD Project Manager: Jessie Kung
QC: Del TAT: 35 days
Date Rec'd: 6-10-92 Date Due: 7-15-92
Account #: WS-Hanford

Refrigerator #		1	5	5		1	1		4		4			4		4
# Type Container	Liquid	3G	2H	1G		1H	1H		1P		3P			1P		1P
	Solid															
Volume	Liquid	4oz	8oz	8oz		500	500		1L		1L			1L		1L
	Solid															
Preservatives		—	—	—		NaOH	NaOH		HNO3		HNO3			NaOH		HNO3

ANALYSES REQUESTED →

ORGANIC				INORG								
VOA	BNA	Pest/PCB	Herbicide	TOC	TOX	Total Cyanide	Total Metal	CN	TSS BOD TDS Alk	Fluoride	Br, Cl, NO3, SO4	COD Ammonia	Disc. Metals

WESTON Analytics Use Only

MATRIX CODES:	Lab ID	Client ID/Description	Matrix QC Chosen (✓) MS	MSD	Matrix	Date Collected	Time Collected	VOA	BNA	Pest/PCB	Herbicide	TOC	TOX	TSUB	Total Metal	CN	TSS BOD TDS Alk	Fluoride	Br, Cl, NO3, SO4	COD Ammonia	Disc. Metals
S - Soil	001	B06PR4			W	6-7-92	11:55	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓	
SE - Sediment	2	PR 5																			✓
SO - Solid	3	PR 6						✓													
SL - Sludge	4	B06PS3						✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓	
W - Water	5	PS 4																			✓
O - Oil	6	PS 5						✓													
A - Air	7	PS 6						✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓	
DS - Drum Solids	8	PS 7																			✓
DL - Drum Liquids	9	PS 8						✓													
L - EP/TCLP Leachate																					
Wi - Wipe																					
X - Other																					
F - Fish																					

FIELD PERSONNEL COMPLETE ONLY SHADED AREAS

Special Instructions: Project: 200-ZP-1 MS
Cations = ICCa, ICFe, ICSO4, ICPO4, ICNO2, ICNO3
Metals = HSL
Radionuclides = Gross alpha/Beta, Gamma Scan
① MS/MSD required
original Chromatograms.

DATE REVISIONS
6-11-92 Cancel BOD & BOD — Jessie Kung
1 207, Jessie Kung
2
3
4
5
6

WESTON Analytics Use Only

Samples were
1) Shipped ✓ or Hand Delivered
Airbill
2) Ambient / Chilled
3) Received in Good Condition (Y) or N
4) Labels received Properly Preserved (Y) or N
5) Received Within Holding Times Y or (N)
BOD, BOD, Anions

COC Tape was.
1) Present on Outer Package (Y) or N
2) Unbroken on Outer Package (Y) or N
3) Present on Sample (Y) or N
4) Unbroken on Sample (Y) or N
COC Record Present Upon Sample Rec'd (Y) or N

Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time
Emery	[signature]	6-10-92	11:40		[signature]	6-10-92	

Discrepancies Between Samples Labels and COC Record? Y or (N)
NOTES

RFW 21 21-001/A-7/91 ____ L372 ____ L373 ____ L375 ____ L377 ____ L379 Rel# ____ Cooler# BT3, SNL-142, WHC-19, SNL-152 381-596a

WESTON Analytics Use Only

92061608

Custody Transfer Record/Lab Work Request

WESTON

Page 2 of 2

Client: Westinghouse Hanford

Est. Final Proj. Sampling Date

Work Order #: 6168-02-01-0860

Project Contact Phone #

AD Project Manager

QC: Chf Del: Chf TAT: 35 Day

Date Rec'd: 6-10-92 Date Due

Account #

Refrigerator #		1	5	5		1	1				4			4		4
# Type Container	Liquid	3G	2G	1G		1G	1G				3P			1P		1P
	Solid															
Volume	Liquid	40	2l	2l		250	250				1l			1l		1l
	Solid															
Preservatives		-	—	—		Hcl	Hcl				—			Hno3		Hno3

ANALYSES REQUESTED →

	ORGANIC							INORG							
	VOA	BNA	Pest/PCB	Herb	TOC	TOX		TIP Metal	CN		Anions	Diss. Oxygen	COD		DS

MATRIX CODES: S - Soil; SE - Sediment; SO - Solid; SL - Sludge; W - Water; O - Oil; A - Air; DS - Drum Solids; DL - Drum Liquids; L - EP/TCLP Leachate; WI - Wipe; X - Other; F - Fish

Lab ID	Client ID Description	Matrix QC Chosen (✓) MS	MSD	Matrix	Date Collected	Time Collected	VOA	BNA	Pest/PCB	Herb	TOC	TOX		TIP Metals	CN		Anions	Diss. Oxygen	COD		DS
							WESTON Analytics Use Only														
010	B06PS9			W	6-7-92	—	✓	✓	✓		✓	✓		✓		✓	✓	✓	✓		
011	B06PT0					—															✓
012	B06PT1					—	✓														

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

Special Instructions

DATE REVISIONS:

1

2

3

4

5

6

WESTON Analytics Use Only

Samples were 1) Shipped ___ or Hand Delivered ___ Airbill # ___

2) Ambient or Chilled

3) Received in Good Condition Y or N

4) Labels Indicate Properly Preserved Y or N

5) Received Within Holding Times Y or N

COC Tape was: 1) Present on Outer Package Y or N

2) Unbroken on Outer Package Y or N

3) Present on Sample Y or N

4) Unbroken on Sample Y or N

COC Record Present Upon Sample Rec't Y or N

Discrepancies Between Samples Labels and COC Record? Y or N

NOTES

Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time
Emery	[illegible]	6-10-92	11:00				
	[illegible]	6-10-92			Chf	6-10-92	

RFW 21-21-001/A-7 91 ___ L372 ___ L373 ___ L375 ___ L377 ___ L378 Rat# ___ Code# ___ 381-556a

Westinghouse Hanford Company	CHAIN OF CUSTODY	9206L608

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 200AAMS

Ice Chest No. SML-142

Bill of Lading/Airbill No. 250996625

Method of Shipment EMERY

Shipped to WESTON

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 6/7/92

Field Logbook No. EFL-1038

Offsite Property No. W92-0-0344-27

Sample Identification

BOG[illegible]

3, 40ml, aG, WATER, CLP-VOA
3, 2L, aG, WATER, SEMI-VOA, PCB/PEST
1, 1L, P, WATER, ICP/AA-METAL & Hg (HNO3) UNFILTERED
3, 1L, P, WATER, TDS, BOD, DISOLVED OXYGEN, ANIONS, TSS, ALK
1, 1L, P, WATER, AMMONIA, COD (H2SO4)
1, 250ml, aG, WATER, TOC(INCLUDES BICARBONATE/CARBONATE (H2SO4)
1, 250ml, Gs, WATER, TOX (H2SO4)
1, 1L, P, WATER, GROSS ALPHA/BETA, GAMMA SCAN (HNO3)

BO[illegible]

1, 1L, P, WATER, ICP/AA METAL & Hg (HNO3) (FILTERED)

BO[illegible]

3, 40 ml, WATER, CLP-VOA

[ ] Field Transfer of Custody	Chain of Possession	(Sign and Print Names)
Relinquished by: K. Trapp/K. Trapp	Received by: IC + [illegible]	Date/Time: 6/7/92 1233
Relinquished by:	Received by: K. Trapp/K. Trapp	Date/Time: 6/7/92 0730
Relinquished by: K. Trapp/K. Trapp	Received by:	Date/Time:
Relinquished by: Emery	Received by: [illegible]	Date/Time: 6-10-92 11:00

Final Sample Disposition

Disposal Method:	Disposed by:	Date/Time:

Comments:

A-6000-407 (12/90) (EF) WEF061
Chain of Custody

Westinghouse Hanford Company	CHAIN OF CUSTODY	9206L608

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 200AAMS

Ice Chest No. 5ML-152

Bill of Lading/Airbill No. 2509869662-5

Method of Shipment EMERY

Shipped to WESTON

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 6/7/92

Field Logbook No. FIL - 1073

Offsite Property No. W92-0-0399-26

Sample Identification

B0G5F9

3, 40ml, aG, WATER, CLP-VOA
3, 2L, aG, WATER, SEMI-VOA, PCB/PEST
1, 1L, P, WATER, ICP/AA-METAL & Hg (HNO3) UNFILTERED
3, 1L, P, WATER, TDS, BOD, DISOLVED OXYGEN, ANIONS, TSS, ALK
1, 1L, P, WATER, AMMONIA, COD (H2SO4)
1, 250ml, aG, WATER, TOC(INCLUDES BICARBONATE/CARBONATE (H2SO4)
1, 250ml, Gs, WATER, TOX (H2SO4)
1, 1L, P, WATER, GROSS ALPHA/BETA, GAMMA SCAN (HNO3)

B0G5T0

1, 1L, P, WATER, ICP/AA METAL & Hg (HNO3) (FILTERED)

B0G5T1

3, 40 ml, WATER, CLP-VOA

[] Field Transfer of Custody — Chain of Possession — (Sign and Print Names)

Relinquished by:	Received by:	Date/Time:
[illegible]	[illegible]	6/7/92 1335
Relinquished by:	Received by: B.WHITEN	Date/Time: 6-9-92 0:730
Relinquished by: B.WHITEN	Received by:	Date/Time:
Relinquished by: Emery	Received by: [illegible]	Date/Time: 6-10-92 11:40

Final Sample Disposition

Disposal Method:	Disposed by:	Date/Time:

Comments:

A-6000-407 (12/90) (EF) WEF061
Chain of Custody

Westinghouse Hanford Company

CHAIN OF CUSTODY

Original

Custody Form Initiator PH HUTCHER

Company Contact PH DUTCHER

Telephone (509)376-5045

Project Designation/Sampling Location 200AAMS

Collection Date 6/7/92

Low Blood Number [illegible] 19

TIPIN Logbook No. [illegible] - 1033

Bill of Lading/Airbill No. 2507796615

Offsite Property No. W92- [illegible] -27

Method of Shipment FMFRY

Shipped to WESTON

Possible Sample Hazards/Remarks N/A

Sample Identification

B0G156

- 8, 40ml, aG, WATER, CLP-VOA
- 3, 2L, aG, WATER, SEMI-VOA, PCB/PEST
- 1, 1L, P, WATER, ICP/AA-METAL & Hg (HNO3) UNFILTERED
- 3, 1L, P, WATER, TDS, BOD, DISOLVED OXYGEN, ANIONS, TSS, ALK
- 1, 1L, P, WATER, AMMONIA, COD (H2SO4)
- 1, 250ml, aG, WATER, TOC(INCLUDES BICARBONATE/CARBONATE (H2SO4)
- 1, 250ml, Gs, WATER, TOX (H2SO4)
- 1, 1L, P, WATER, GROSS ALPHA/BETA, GAMMA SCAN (HNO3)

B0G157

- 1, 1L, P, WATER, ICP/AA METAL & Hg (HNO3) (FILTERED)

B0G154

- 3, 40 ml, WATER, CLP-VOA

[] Field Transfer of Custody	Chain of Possession	(Sign and Print Names)
Relinquished by: [illegible] R.D. Lee	Received by: [illegible]	Date/Time: 6/7/92 1333
Relinquished by:	Received by: K. Trapp / K. Trapp	Date/Time: 6/8/92 0730
Relinquished by: K. Trapp / K. Trapp	Received by:	Date/Time:
Relinquished by: Emery	Received by: [illegible]	Date/Time: 6-10-92 11:40

Final Sample Disposition

Disposal Method:	Disposed by:	Date/Time:

Comments:

A-6000-407 (12/90) (EF) WEF061
Chain of Custody

Westinghouse
Hanford Company

CHAIN OF CUSTODY

9206L608

Custody Form Initiator PH BUTCHER
Company Contact PH BUTCHER
Project Designation/Sampling Locations 200AAMS
Ice Chest No. KT-3
Bill of Lading/Airbill No. 2509869662-5
Method of Shipment EMERY
Shipped to WESTON
Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045
Collection Date 6/7/92
Field Logbook No. EFL-1033
Offsite Property No. W92-0-0399-26

Sample Identification

B0G6R4
- 3, 40ml, aG, WATER, CLP-VOA
- 3, 2L, aG, WATER, SEMI-VOA, PCB/PEST
- 1, 1L, P, WATER, ICP/AA-METAL & Hg (HNO3) UNFILTERED
- 3, 1L, P, WATER, TDS, BOD, DISOLVED OXYGEN, ANIONS, TSS, ALK
- 1, 1L, P, WATER, AMMONIA, COD (H2SO4)
- 1, 250ml, aG, WATER, TOC(INCLUDES BICARBONATE/CARBONATE (H2SO4)
- 1, 250ml, Gs, WATER, TOX (H2SO4)
- 1, 1L, P, WATER, GROSS ALPHA/BETA, GAMMA SCAN (HNO3)

B0G6R5
- 1, 1L, P, WATER, ICP/AA METAL & Hg (HNO3) (FILTERED)

B0G6R6
- 3, 40 ml, WATER, CLP-VOA

[] Field Transfer of Custody — Chain of Possession — (Sign and Print Names)

Relinquished by:	Received by:	Date/Time:
[illegible]	[illegible]	6/7/92 1335
Relinquished by:	Received by: [illegible] B.WHITEN	Date/Time: 6-9-92 - 07:30
Relinquished by: [illegible] B.WHITEN	Received by:	Date/Time:
Relinquished by: Emery	Received by: [illegible]	Date/Time: 6-10-92 1140

Final Sample Disposition

Disposal Method:	Disposed by:	Date/Time:

Comments:

A-6000-407 (12/90) (EF) WEF061
Chain of Custody