

**START**  
**DATA**  
**CHEM**  
 LABORATORIES

9613424.0452  
 0043729  
 B079X3-DAT-191  
 3312

1234567  
 12345678910111213141516171819202122232425262728293031323334353637383940414243444546474849505152535455565758596061626364656667686970717273747576777879808182838485868788899091929394959697989900

NOV 1992  
 RECEIVED  
 OSM DMO

**ENVIRONMENTAL WATER REPORT**

Form EPRW-A  
 Page 1 of 5  
 Part 1 of 4

NOV 03 1992

Date \_\_\_\_\_  
 Agency Identification Number S92-0762  
 Account No. 3534C

Westinghouse Hanford Company  
 2355 Stevens Drive  
 MSIN T6-08  
 Richland, WA 99352  
 Attention: Jeanette Duncan

**RECORD COPY**

Telephone (509) 373-3225

**Sampling Collection and Shipment**

Sampling Site 100-BC-5 Date of Collection September 18, 1992  
 Date Samples Received at Laboratory October 07, 1992

**Analytical Results**

Parameter Name	Field Number	Lab Number	B079X3 EL 4318	B079R3 EL 4319	B07958 EL 4320	B07953 EL 4321	B079R8 EL 4322	B07B28 EL 4323	B079Z3 EL 4324	B07B13 EL 4325	†
Analysis Date Units	Method	Prep Method									
Hydrazine 10/09/1992 ASTMD1385	µg/L		ND*								

APR 1996  
 RECEIVED  
 EDMC

† See comment on last page.  
 ND Parameter not detected.  
 NR Parameter not requested.  
 † Analyses completed on or before this date.  
 \*\* Parameter not analyzed (See comment page).  
 ( ) Parameter between LOD and LOQ.  
 [ ] Method Reference (See comments page.)

*Mark Hix*  
 Analyst: Mark A. Hixon  
*Wendy L. Odell*  
 Reviewer: Wendy L. Odell  
*Norman K. Christensen*  
 Laboratory Supervisor: Norman K. Christensen

9613424.0453



ENVIRONMENTAL WATER REPORT

Form EPRW-A

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Part 2 of 4

NOV 03 1992

Date \_\_\_\_\_

Agency Identification Number S92-0762

Account No. 3534C

Westinghouse Hanford Company  
 2355 Stevens Drive  
 MSIN T6-08  
 Richland, WA 99352  
 Attention: Jeanette Duncan

Telephone (509) 373-3225

Sampling Collection and Shipment

Sampling Site 100-BC-5 Date of Collection September 18, 1992

Date Samples Received at Laboratory October 07, 1992

Analytical Results

Parameter Name	Field Number	Lab Number																
Hydrazine			B07B37	EL 4326	B07B41	EL 4327	B07B03	EL 4328	B07B18	EL 4329	B07B23	EL 4331	B07B23	EL 4331	B079Y8	EL 4332	B079Y3	EL 4333
10/09/1992																		
ASTMD1385	µg/L		ND*	ND*	ND*	ND*	ND*	ND*	ND*	ND*	ND*	ND*	ND*	ND*	ND*	ND*	ND*	ND*

† See comment on last page.  
 ND Parameter not detected.  
 NR Parameter not requested.  
 1 Analyses completed on or before this date.  
 \*\* Parameter not analyzed (See comment page).  
 ( ) Parameter between LOD and LOQ.  
 [ ] Method Reference (See comments page.)

9613424.0454



ENVIRONMENTAL WATER REPORT

Form EPRW-A  
Page 3 of 5  
Part 3 of 4

Date NOV 03 1992  
Agency Identification Number S92-0762  
Account No. 3534C

Westinghouse Hanford Company  
2355 Stevens Drive  
MSIN T6-08  
Richland, WA 99352  
Attention: Jeanette Duncan

Telephone (509) 373-3225

Sampling Collection and Shipment

Sampling Site 100-BC-5 Date of Collection September 18, 1992

Date Samples Received at Laboratory October 07, 1992

Analytical Results

Parameter Name	Field Number	Lab Number								
Hydrazine			B079W3	EL 4334	B079W8	EL 4335	B079V8	EL 4336	B07B08	EL 4337
10/09/1992										
ASTMD1385	µg/L		ND*	ND*	ND*	ND*	ND*	ND*	ND*	ND*

† See comment on last page.  
ND Parameter not detected.  
NR Parameter not requested.  
‡ Analyses completed on or before this date.

\*\* Parameter not analyzed (See comment page).  
( ) Parameter between LOD and LOQ.  
[ ] Method Reference (See comments page.)

9613424.0455



ENVIRONMENTAL WATER REPORT

Form EPRW-A

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Part 4 of 4

NOV 03 1992

Date \_\_\_\_\_

Agency Identification Number S92-0762

Account No. 3534C

Westinghouse Hanford Company  
 2355 Stevens Drive  
 MSIN T6-08  
 Richland, WA 99352  
 Attention: Jeanette Duncan

Telephone (509) 373-3225

Sampling Collection and Shipment

Sampling Site 100-BC-5 Date of Collection September 18, 1992

Date Samples Received at Laboratory October 07, 1992

Analytical Results

Parameter Name	Analysis Date	Units	Method	Prep Method	Field Number	Lab Number	Limit of Detection
Hydrazine	10/09/1992	µg/L	ASTMD1385		B07B33	EL 4342	3.

† See comment on last page.  
 ND Parameter not detected.  
 NR Parameter not requested.  
 † Analyses completed on or before this date.

\*\* Parameter not analyzed (See comment page).  
 ( ) Parameter between LOD and LOQ.  
 [ ] Method Reference (See comments page.)

9613424.0456



ENVIRONMENTAL WATER REPORT

Form EPRW-C

Page 5 of 5

Date NOV 03 1992  
Agency Identification Number S92-0762

Sample Comments

Laboratory  
Number

-- Comment --

EL 4325            Sample container was not full.  
EL 4331            Sample container was not full.

9



9613424.0457

## ANALYTICAL REQUEST FORM

1.  REGULAR Status

RUSH Status Requested - ADDITIONAL CHARGE

RESULTS REQUIRED BY \_\_\_\_\_ DATE \_\_\_\_\_  
CONTACT DATACHEM LABS PRIOR TO SENDING SAMPLES.

2. Date 10/6/92 Purchase Order No. \_\_\_\_\_  
3. Company Name Westinghouse Hanford Company  
Address P.O. Box 1970  
Richland, WA 99352  
Person to Contact P. H. Butcher  
Telephone ( ) (509) 376-5045  
Fax Telephone ( ) \_\_\_\_\_  
Billing Address (if different from above) \_\_\_\_\_

4. Sample Collection 100-BC-5  
Sampling Site \_\_\_\_\_  
Industrial Process N/A  
Date of Collection see bottles  
Time Collected see bottles  
Date of Shipment 10/6/92  
Chain of Custody No. N/A

OPC# W93-0-0001-11  
BOL# 2709869732  
TASK# 92-266

### 5. REQUEST FOR ANALYSES

Laboratory Use Only	Client Sample Number	Media Type*	Sample Volume (Liters)	ANALYSES REQUESTED - Use Method Number if Known
EL 4318	B079X3	W	1;40ml	G; WATER; HYDRAZINE
4319	B079R3			
4320	B07958			
4321	B07953			
4322	B079R8			
4323	B07B28			
4324	B079Z3			
4325	B07B13			
4326	B07B37			
4327	B07B41			
4328	B07B03			
4329	B07B18			

\*Specify: Solid sorbent tube, e.g. Charcoal; Filter type; Impinger solution; Bulk Sample; Blood; Urine; Tissue; Soil; Water; Other

6. Q C REQUIREMENTS  
MUST BE COMPLETED - See General Services Terms and Conditions: QC samples billed at regular sample rate

- METHOD QC SAMPLES (Lab QC according to published methods)  
 PROJECT PLAN QC SAMPLES (Lab QC according to provided QA/QC Plan)  
 NO QC SAMPLES REQUESTED (May not conform to Agency requirements)  
 OTHER (as specified below)

Comments \_\_\_\_\_

Possible Contamination and/or Chemical Hazards \_\_\_\_\_

7. Requested by \_\_\_\_\_

960 West LeVoy Drive / Salt Lake City, UT 84123 800-356-9135 or 801-266-7700 / FAX: 801-268-9992  
4388 Glendale-Milford Road / Cincinnati, OH 45242 800-458-1493 or 513-733-5336 / FAX: 513-733-5347

DATACHEM LABORATORIES - A SORENSON COMPANY

DISTRIBUTION: WHITE - LABORATORY COPY CANARY - CUSTOMER COPY



9613424.0458

# ANALYTICAL REQUEST FORM

1.  **REGULAR Status**

**RUSH Status Requested - ADDITIONAL CHARGE**

RESULTS REQUIRED BY \_\_\_\_\_ DATE \_\_\_\_\_

CONTACT DATACHEM LABS PRIOR TO SENDING SAMPLES.

2. Date 10/6/92 Purchase Order No. \_\_\_\_\_

3. Company Name Westinghouse Hanford Company

Address P.O. Box 1970  
Richland, WA 99352

Person to Contact P. H. Butcher

Telephone ( ) (509) 376-5045

Fax Telephone ( ) \_\_\_\_\_

Billing Address (if different from above) \_\_\_\_\_

4. **Sample Collection**

Sampling Site 100-BC-5

Industrial Process N/A

Date of Collection see bottles

Time Collected see bottles

Date of Shipment 10/6/92

Chain of Custody No. 92-266

OPC# W93-0-0001-11  
BOL# 2509865732  
TASK# 92-266

5. **REQUEST FOR ANALYSES**

Laboratory Use Only	Client Sample Number	Media Type*	Sample Volume (Liters)	ANALYSES REQUESTED - Use Method Number if Known
EL 4330	B079X8	W	1;40ml	G;WATER;HYDRAZINE
4331	B07B23			
4332	B079Y8			
4333	B079Y3			
4334	B079W3			
4335	B079W8			
4336	B079V8			
4337	B07B08			
4338	B079Z8			
4339	B079T8			
4340	B079Q8			
4341	B07B46			

\*Specify: Solid sorbent tube, e.g. Charcoal; Filter type; Impinger solution; Bulk Sample; Blood; Urine; Tissue; Soil; Water; Other

6. **QC REQUIREMENTS MUST BE COMPLETED** - See General Services Terms and Conditions: QC samples billed at regular sample rate

**METHOD QC SAMPLES** (Lab QC according to published methods)

**PROJECT PLAN QC SAMPLES** (Lab QC according to provided QA/QC Plan)

**NO QC SAMPLES REQUESTED** (May not conform to Agency requirements)

**OTHER** (as specified below) \_\_\_\_\_

Comments \_\_\_\_\_

Possible Contamination and/or Chemical Hazards \_\_\_\_\_

7. Requested by \_\_\_\_\_

960 West LeVoy Drive / Salt Lake City, UT 84123      800-356-9135 or 801- 266-7700 / FAX: 801-268-9992  
4388 Glendale-Milford Road / Cincinnati, OH 45242      800-458-1493 or 513-733-5336 / FAX: 513-733-5347

DATACHEM LABORATORIES - A SORENSON COMPANY

DISTRIBUTION:      WHITE - LABORATORY COPY      CANARY - CUSTOMER COPY



9613424.0460

Westinghouse  
Hanford Company

### CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-KR-4

Ice Chest No.

Bill of Lading/Airbill No.

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 9-30-92

Field Logbook No. EFL-1048

Offsite Property No. W92-

#### Sample Identification

BO 79X3

1, 40ml, Gs, WATER, HYDRAZINE

[ ] Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: L.D. Walker <i>L.D. Walker</i>	Received by: AJ SIMPSON <i>AJ Simpson</i>	Date/Time: 10/6/92 0855	
Relinquished by: AJ SIMPSON <i>AJ Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 10-7-92 / 1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613424.0461

<b>Westinghouse Hanford Company</b>	<b>CHAIN OF CUSTODY</b>
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Custody Form Initiator <b>PH BUTCHER</b>	Telephone <b>(509)376-5045</b>
Company Contact <b>PH BUTCHER</b>	Collection Date <sup>9-21-92</sup> <del>CC</del> <b>9-21-92</b>
Project Designation/Sampling Locations <b>100-KR-4</b>	Field Logbook No. <b>EF-1048</b>
Ice Chest No.	Offsite Property No. <b>W92-</b>
Bill of Lading/Airbill No.	
Method of Shipment <b>EMERY</b>	
Shipped to <b>DATA CHEM</b>	
Possible Sample Hazards/Remarks <b>N/A</b>	

Sample Identification

**B079R3**  
 1, 40ml, Gs, WATER, HYDRAZINE (HCL)

[ ] Field Transfer of Custody	Chain of Possession	(Sign and Print Names)
Relinquished by: <i>C. C. C. C. C.</i>	Received by: <i>AJ SIMPSON</i> <i>AJ Simpson</i>	Date/Time: <i>9/22/92</i> <i>1003</i>
Relinquished by: <i>AJ SIMPSON</i> <i>AJ Simpson</i>	Received by: <i>T Jackson</i> <i>[Signature]</i>	Date/Time: <i>10-7-92 / 1200</i>
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

  

Final Sample Disposition		
Disposal Method:	Disposed by:	Date/Time:
Comments:		

9613424.0462

<b>Westinghouse Hanford Company</b>	<b>CHAIN OF CUSTODY</b>
---	-------------------------

Custody Form Initiator <b>PH BUTCHER</b>	Telephone <b>(509)376-5045</b>
Company Contact <b>PH BUTCHER</b>	Collection Date <b>9-21-92</b>
Project Designation/Sampling Locations <b>100-KR-4</b>	Field Logbook No. <b>EFL-1049</b>
Ice Chest No.	Offsite Property No. <b>W92-</b>
Bill of Lading/Airbill No.	
Method of Shipment <b>EMERY</b>	
Shipped to <b>DATA CHEM</b>	
Possible Sample Hazards/Remarks <b>N/A</b>	

Sample Identification

**BO 7958**  
 1, 40ml, Gs, WATER, HYDRAZINE (H<sub>2</sub>L)

[ ] Field Transfer of Custody	Chain of Possession	(Sign and Print Names)
Relinquished by: <i>L.D. Walker</i> <i>L.D. Walker</i>	Received by: <i>AJ SIMPSON</i> <i>AJ Simpson</i>	Date/Time: <i>9/22/92</i> <i>0855</i>
Relinquished by: <i>AJ SIMPSON</i> <i>AJ Simpson</i>	Received by: <i>T Jackson</i> <i>[Signature]</i>	Date/Time: <i>10-7-92 / 1200</i>
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:
<b>Final Sample Disposition</b>		
Disposal Method:	Disposed by:	Date/Time:
Comments:		

9613424.0463

<b>Westinghouse Hanford Company</b>	<b>CHAIN OF CUSTODY</b>
Custody Form Initiator <b>PH BUTCHER</b>	Telephone <b>(509)376-5045</b>
Company Contact <b>PH BUTCHER</b>	Collection Date <b>9/21/92</b>
Project Designation/Sampling Locations <b>100-KR-4</b>	Field Logbook No. <b>EFL-1098</b>
Ice Chest No.	Offsite Property No. <b>W92-</b>
Bill of Lading/Airbill No.	
Method of Shipment <b>EMERY</b>	
Shipped to <b>DATA CHEM</b>	
Possible Sample Hazards/Remarks <b>N/A</b>	

Sample Identification

**BO79S3**  
 1, 40ml, Gs, WATER, HYDRAZINE (HCL)

<input type="checkbox"/> Field Transfer of Custody	Chain of Possession	(Sign and Print Names)
Relinquished by: <i>K.W. Lee</i> K.W. Lee	Received by: <i>AJ SIMPSON</i> <i>AJ Simpson</i>	Date/Time: <i>9/22/92</i> 1000
Relinquished by: <i>AJ SIMPSON</i> <i>AJ Simpson</i>	Received by: <i>T Jackson</i> <i>T Jackson</i>	Date/Time: <i>10-7-92 / 1200</i>
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:
Final Sample Disposition		
Disposal Method:	Disposed by:	Date/Time:
Comments:		

9613424.0464

Westinghouse  
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-KR-4

Ice Chest No.

Bill of Lading/Airbill No.

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 9/21/92

Field Logbook No. EFL - 1049

Offsite Property No. W92-

Sample Identification

BO 79R8

1, 40ml, Gs, WATER, HYDRAZINE (H<sub>2</sub>L)

[ ] Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: L.D. Walker <i>L.D. Walker</i>	Received by: AJ SIMPSON <i>AJ Simpson</i>		Date/Time: 9/22/92 0959
Relinquished by: AJ SIMPSON <i>AJ Simpson</i>	Received by: T Jackson <i>T Jackson</i>		Date/Time: 10-7-92 /1200
Relinquished by:	Received by:		Date/Time:
Relinquished by:	Received by:		Date/Time:
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613424.0465

Westinghouse  
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-KR-4

Ice Chest No.

Bill of Lading/Airbill No.

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 9/29/92

Field Logbook No. EPL-1098

Offsite Property No. W92-

Sample Identification

BO 7028

1, 40ml, Gs, WATER, HYDRAZINE (H<sub>2</sub>C)

Field Transfer of Custody

Chain of Possession

(Sign and Print Names)

Relinquished by: <i>Phyllis D. Lee 10-D. Lee</i>	Received by: AJ SIMPSON <i>AJ Simpson</i>	Date/Time: 12/0/92 0909
Relinquished by: AJ SIMPSON <i>AJ Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 10-7-92 / 1200
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

Final Sample Disposition

Disposal Method:	Disposed by:	Date/Time:
Comments:		

9613424.0466

Westinghouse  
Hanford Company

### CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-KR-4

Ice Chest No.

Bill of Lading/Airbill No.

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 9/24/92

Field Logbook No. EPL-1048

Offsite Property No. W92-

#### Sample Identification

BO 79Z3

1, 40ml, Gs, WATER, HYDRAZINE (HCL)

[ ] Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: <i>Kathy D. Lee K.D. Lee</i>	Received by: AJ SIMPSON <i>AJ Simpson</i>	Date/Time: 10/6/92 0910	
Relinquished by: AJ SIMPSON <i>AJ Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 10-7-92 / 1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	

  

Final Sample Disposition		
Disposal Method:	Disposed by:	Date/Time:
Comments:		

9613424.0467

<b>Westinghouse Hanford Company</b>	<b>CHAIN OF CUSTODY</b>
---	-------------------------

Custody Form Initiator <b>PH BUTCHER</b>	Telephone <b>(509)376-5045</b>
Company Contact <b>PH BUTCHER</b>	Collection Date <b>9/18/92</b>
Project Designation/Sampling Locations <b>100-KR-4</b>	Field Logbook No. <b>EFL-1044</b>
Ice Chest No.	Offsite Property No. <b>W92-</b>
Bill of Lading/Airbill No.	
Method of Shipment <b>EMERY</b>	
Shipped to <b>DATA CHEM</b>	
Possible Sample Hazards/Remarks <b>N/A</b>	

Sample Identification

**BO 7013**  
1, 40ml, Gs, WATER, HYDRAZINE (HCL)

<input type="checkbox"/> Field Transfer of Custody	Chain of Possession	(Sign and Print Names)
Relinquished by: <i>Walter P. Lee K.O. Lee</i>	Received by: <b>AJ SIMPSON</b> <i>AJ Simpson</i>	Date/Time: <b>10/1/92</b> <b>0905</b>
Relinquished by: <b>AJ SIMPSON</b> <i>AJ Simpson</i>	Received by: <b>T Jackson</b> <i>T Jackson</i>	Date/Time: <b>10-7-92 / 1200</b>
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:
<b>Final Sample Disposition</b>		
Disposal Method:	Disposed by:	Date/Time:
Comments:		

9613424.0468

Westinghouse  
Hanford Company

### CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-KR-4

Ice Chest No.

Bill of Lading/Airbill No.

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date Sept 18, 1992

Field Logbook No. EFL-1048

Offsite Property No. W92-

#### Sample Identification

BO 7037

1, 40ml, Gs, WATER, HYDRAZINE (H<sub>2</sub>L)

Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: <i>Kathy P. Lee K-D Lee</i>	Received by: AJ SIMPSON <i>AJ Simpson</i>	Date/Time: 10/6/92 .0904	
Relinquished by: AJ SIMPSON <i>AJ Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 10-7-92 / 1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	

  

Final Sample Disposition		
Disposal Method:	Disposed by:	Date/Time:
Comments:		

9613424.0469

Westinghouse  
Hanford Company

### CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-KR-4

Ice Chest No.

Bill of Lading/Airbill No.

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 9/24/92

Field Logbook No. EFL-1048

Offsite Property No. W92-

#### Sample Identification

BO 7041

1, 40ml, Gs, WATER, HYDRAZINE (HCL)

Field Transfer of Custody

Chain of Possession

(Sign and Print Names)

Relinquished by: <i>Kathy A Lee K.D. Co</i>	Received by: <i>AJ SIMPSON</i> <i>AJ Simpson</i>	Date/Time: <i>10/6/92</i> <i>0908</i>
Relinquished by: <i>AJ SIMPSON</i> <i>AJ Simpson</i>	Received by: <i>T Jackson</i> <i>[Signature]</i>	Date/Time: <i>10-7-92 / 1200</i>
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

#### Final Sample Disposition

Disposal Method:	Disposed by:	Date/Time:
Comments:		

9613424.0470

<b>Westinghouse Hanford Company</b>	<h2 style="margin: 0;">CHAIN OF CUSTODY</h2>
---	--

Custody Form Initiator <b>PH BUTCHER</b> Company Contact <b>PH BUTCHER</b> Project Designation/Sampling Locations <b>100-KR-4</b> Ice Chest No. Bill of Lading/Airbill No. Method of Shipment <b>EMERY</b> Shipped to <b>DATA CHEM</b> Possible Sample Hazards/Remarks <b>N/A</b>	Telephone <b>(509)376-5045</b> Collection Date <b>9-28-92</b> Field Logbook No. <b>EFL-1048</b> Offsite Property No. <b>W92-</b>
--	---

Sample Identification

**BO 7803**  
 1, 40ml, Gs, WATER, HYDRAZINE (H<sub>2</sub>L)

[ ] Field Transfer of Custody	Chain of Possession	(Sign and Print Names)
Relinquished by: <i>L.D. Walker</i> <i>L.D. Walker</i>	Received by: <i>AJ SIMPSON</i> <i>AJ Simpson</i>	Date/Time: <i>10/6/92</i> <i>0916</i>
Relinquished by: <i>AJ SIMPSON</i> <i>AJ Simpson</i>	Received by: <i>T Jackson</i> <i>[Signature]</i>	Date/Time: <i>10-7-92 / 1200</i>
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:
Final Sample Disposition		
Disposal Method:	Disposed by:	Date/Time:
Comments:		

9613424.0471

Westinghouse  
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-KR-4

Ice Chest No.

Bill of Lading/Airbill No.

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 9-29-92

Field Logbook No. EFL-1048

Offsite Property No. W92-

Sample Identification

BO 7B18

1, 40ml, Gs, WATER, HYDRAZINE

<input type="checkbox"/> Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: <i>AJ Walker</i> <i>L. D. Walker</i>	Received by: <i>AJ SIMPSON</i> <i>AJ Simpson</i>	Date/Time: <i>10/6/92</i> <i>0903</i>	
Relinquished by: <i>AJ SIMPSON</i> <i>AJ Simpson</i>	Received by: <i>T Jackson</i> <i>[Signature]</i>	Date/Time: <i>10-7-92</i> <i>1200</i>	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613424.0472

Westinghouse  
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER  
 Company Contact PH BUTCHER  
 Project Designation/Sampling Locations 100-KR-4  
 Ice Chest No.  
 Bill of Lading/Airbill No.  
 Method of Shipment EMERY  
 Shipped to DATA CHEM  
 Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045  
 Collection Date 9-29-92  
 Field Logbook No. EFL-1048  
 Offsite Property No. W92-

Sample Identification

BO 79X8

1, 40ml, Gs, WATER, HYDRAZINE

[ ] Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: L.D. Walker <i>L.D. Walker</i>	Received by: AJ SIMPSON <i>AJ Simpson</i>	Date/Time: 10/6/92 0904	
Relinquished by: AJ SIMPSON <i>AJ Simpson</i>	Received by: T. Jackson <i>T. Jackson</i>	Date/Time: 10-7-92/1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	

  

Final Sample Disposition		
Disposal Method:	Disposed by:	Date/Time:
Comments:		

9613424.0473

Westinghouse  
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-KR-4

Ice Chest No.

Bill of Lading/Airbill No.

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 9/18/92

Field Logbook No. EFL-1048

Offsite Property No. W92-

Sample Identification

BO 7B23

1, 40ml, Gs, WATER, HYDRAZINE (HCL)

[ ] Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: <i>Kirby P. Lee</i> K.P. Lee	Received by: A J SIMPSON <i>AJ Simpson</i>	Date/Time: 10/6/92 0906	
Relinquished by: A J SIMPSON <i>AJ Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 10-7-92/1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613424.0474

Westinghouse  
Hanford Company

### CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-KR-4

Ice Chest No.

Bill of Lading/Airbill No.

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 9/25/92

Field Logbook No. EPL-1048

Offsite Property No. W92-

#### Sample Identification

BO 7918

1, 40ml, Gs, WATER, HYDRAZINE (HCL)

#### Field Transfer of Custody Chain of Possession (Sign and Print Names)

Relinquished by: <i>Kerry Wheeler K.J. Lee</i>	Received by: A-J SIMPSON <i>AJ Simpson</i>	Date/Time: 10/8/92 0906
Relinquished by: A.J. SIMPSON <i>AJ Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 10-7-92/1200
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

#### Final Sample Disposition

Disposal Method:	Disposed by:	Date/Time:
Comments:		

9613424.0475

<b>Westinghouse Hanford Company</b>	<b>CHAIN OF CUSTODY</b>
Custody Form Initiator <b>PH BUTCHER</b>	Telephone <b>(509)376-5045</b>
Company Contact <b>PH BUTCHER</b>	Collection Date <b>9/25/92</b>
Project Designation/Sampling Locations <b>100-KR-4</b>	Field Logbook No. <b>EFL-1048</b>
Ice Chest No.	Offsite Property No. <b>W92-</b>
Bill of Lading/Airbill No.	
Method of Shipment <b>EMERY</b>	
Shipped to <b>DATA CHEM</b>	
Possible Sample Hazards/Remarks <b>N/A</b>	

Sample Identification

**BO 7943**  
 1, 40ml, Gs, WATER, HYDRAZINE (HCL)

<input type="checkbox"/> Field Transfer of Custody	Chain of Possession	(Sign and Print Names)
Relinquished by: <i>Walter D. Lee K.D. Lee</i>	Received by: <b>AJ SIMPSON</b> <i>AJ Simpson</i>	Date/Time: <b>10/6/92</b> <b>0907</b>
Relinquished by: <b>AJ SIMPSON</b> <i>AJ Simpson</i>	Received by: <b>T Jackson</b> <i>T Jackson</i>	Date/Time: <b>10-7-92/1200</b>
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:
Final Sample Disposition		
Disposal Method:	Disposed by:	Date/Time:
Comments:		

9613424.0476

Westinghouse  
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-KR-4

Ice Chest No.

Bill of Lading/Airbill No.

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 8-23-92

Field Logbook No. EFL-1049

Offsite Property No. W92-

Sample Identification

BO79w3

1, 40ml, Gs, WATER, HYDRAZINE (HCL)

Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: L.D. Walker <i>L.D. Walker</i>	Received by: A.J. SIMPSON <i>A.J. Simpson</i>	Date/Time: 10/6/92 0911	
Relinquished by: A.J. SIMPSON <i>A.J. Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 10-7-92 / 1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613424.0477

Westinghouse  
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-KR-4

Ice Chest No.

Bill of Lading/Airbill No.

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 9-23-92

Field Logbook No. EFL-1049

Offsite Property No. W92-

Sample Identification

BO 7928

1, 40ml, Gs, WATER, HYDRAZINE (H<sub>2</sub>L)

[ ] Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: L.D. Walker <i>L.D. Walker</i>	Received by: AJ SIMPSON <i>AJ Simpson</i>	Date/Time: 29/0-15510/6/92 10/6/92 0912	
Relinquished by: AJ SIMPSON <i>AJ Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 10-7-92 / 1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613424.0478

Westinghouse  
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER  
 Company Contact PH BUTCHER  
 Project Designation/Sampling Locations 100-KR-4  
 Ice Chest No.  
 Bill of Lading/Airbill No.  
 Method of Shipment EMERY  
 Shipped to DATA CHEM  
 Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045  
 Collection Date 9/25/92  
 Field Logbook No. EFL-1048  
 Offsite Property No. W92-

Sample Identification

BO 79V8  
 1, 40ml, Gs, WATER, HYDRAZINE (H<sub>2</sub>L)

<input type="checkbox"/> Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: <i>C. Celebreth</i> C. CELEBRETH	Received by: AJ SIMPSON <i>AJ Simpson</i>	Date/Time: 10/6/92 0912	
Relinquished by: AJSIMPSON <i>AJ Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 10-7-92 / 1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613424.0479

Westinghouse  
Hanford Company

### CHAIN OF CUSTODY

Custody Form Initiator **PH BUTCHER**  
 Company Contact **PH BUTCHER**  
 Project Designation/Sampling Locations **100-KR-4**  
 Ice Chest No.  
 Bill of Lading/Airbill No.  
 Method of Shipment **EMERY**  
 Shipped to **DATA CHEM**  
 Possible Sample Hazards/Remarks **N/A**

Telephone **(509)376-5045**  
 Collection Date **9/22/92** *WBC*  
 Field Logbook No. **EFL 1049**  
 Offsite Property No. **W92-**

#### Sample Identification

**BO 7808**  
1, 40ml, Gs, WATER, HYDRAZINE(CH<sub>2</sub>N<sub>2</sub>)

[ ] Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: <i>CG Hamilton</i> <b>CG HAMILTON</b>	Received by: <b>AJ SIMPSON</b> <i>AJ Simpson</i>	Date/Time: <del>9/22/92</del> <b>10/6/92 0912</b>	
Relinquished by: <b>AJ SIMPSON</b> <i>AJ Simpson</i>	Received by: <b>T Jackson</b> <i>T Jackson</i>	Date/Time: <b>10-7-92 /1200</b>	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613424.0480

Westinghouse  
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-KR-4

Ice Chest No.

Bill of Lading/Airbill No.

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 9/22/92

Field Logbook No. EFL 1049

Offsite Property No. W92-

Sample Identification

BO 79 Z 8

1, 40ml, Gs, WATER, HYDRAZINE (H<sub>2</sub>L)

[ ] Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: <i>GG Hamilton</i> GG HAMILTON	Received by: AJ SIMPSON <i>AJ Simpson</i>	Date/Time: 09 13	10/6/92
Relinquished by: AJ SIMPSON <i>AJ Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 10-7-92	1200
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613424.0481

Westinghouse  
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-KR-4

Ice Chest No.

Bill of Lading/Airbill No.

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 9-22-92

Field Logbook No. 866-1048

Offsite Property No. W92-

Sample Identification

BO 7978

1, 40ml, Gs, WATER, HYDRAZINE (H<sub>2</sub>L)

[ ] Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: <i>C. Belmont</i>	Received by: <i>AJ SIMPSON</i> <i>AJ Simpson</i>	Date/Time: 10/6/92	09/4
Relinquished by: <i>AJ SIMPSON</i> <i>AJ Simpson</i>	Received by: <i>T Jackson</i> <i>[Signature]</i>	Date/Time: 10-7-92	1200
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613424.0482

<b>Westinghouse Hanford Company</b>	<b>CHAIN OF CUSTODY</b>	
Custody Form Initiator	PH BUTCHER	
Company Contact	PH BUTCHER	
Project Designation/Sampling Locations	100-KR-4	
Ice Chest No.	Telephone (509)376-5045	
Bill of Lading/Airbill No.	Collection Date 9/22/92	
Method of Shipment	Field Logbook No. EFL-1098	
Shipped to	Offsite Property No. W92-	
Possible Sample Hazards/Remarks	N/A	

Sample Identification

BO 79Q8  
 1, 40ml, Gs, WATER, HYDRAZINE (H<sub>2</sub>L)

<input type="checkbox"/> Field Transfer of Custody	Chain of Possession	(Sign and Print Names)
Relinquished by: <i>W. D. Lee K.D. La</i>	Received by: AJ SIMPSON <i>AJ Simpson</i>	Date/Time: 10/6/92 0912
Relinquished by: AJ SIMPSON <i>AJ Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 10-7-92 /1200
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:
Final Sample Disposition		
Disposal Method:	Disposed by:	Date/Time:
Comments:		

9613424.0483

Westinghouse  
Hanford Company

### CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER  
 Company Contact PH BUTCHER  
 Project Designation/Sampling Locations 100-KR-4  
 Ice Chest No.  
 Bill of Lading/Airbill No.  
 Method of Shipment EMERY  
 Shipped to DATA CHEM  
 Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045  
 Collection Date 9/28/92  
 Field Logbook No. EFL-1048  
 Offsite Property No. W92-

#### Sample Identification

BO 7846  
 1, 40ml, Gs, WATER, HYDRAZINE (H=L)

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

Relinquished by: <i>Robert D. Lee K.D. Lee</i>	Received by: <i>AJ SIMPSON</i> <i>AJ Simpson</i>	Date/Time: <i>10/6/92</i> <i>0916</i>
Relinquished by: <i>AJ SIMPSON</i> <i>AJ Simpson</i>	Received by: <i>T Jackson</i> <i>[Signature]</i>	Date/Time: <i>10-7-92/1200</i>
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

#### Final Sample Disposition

Disposal Method:	Disposed by:	Date/Time:
Comments:		

9613424.0484

Westinghouse  
Hanford Company

### CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-KR-4

Ice Chest No.

Bill of Lading/Airbill No.

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 5/28/92

Field Logbook No. EFL-1048

Offsite Property No. W92-

#### Sample Identification

BO 7033

1, 40ml, Gs, WATER, HYDRAZINE (H<sub>2</sub>L)

[ ] Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: <i>K. D. Lee</i>	Received by: <i>A J Simpson</i> <i>A J Simpson</i>	Date/Time: 10/6/92 0916	
Relinquished by:	Received by: <i>T Jackson</i> <i>T Jackson</i>	Date/Time: 10-7-92 /1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			