

8/21/92
9/2/92

RECORD COPY

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

Date 8/21/92

Agency Identification Number S92-0541

Account # 26262728293031-12345678910111213141516171819202122232425262728293031



Telephone (509) 373-3225

Sampling Collection and Shipment

Sampling Site 100-HR-3 100-BC-5 Date of Collection July 21, 1992

Date Samples Received at Laboratory July 29, 1992

Analytical Results

Parameter Name	Field Number	Lab Number							
Hydrazine	B072K1	EL 3008	ND*						
08/07/1992									
ASTMD1385									



* 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.)

Mark Hix
Analyst: Mark A. Hixon

Katherine Kellersberger
Reviewer: Katherine Kellersberger

Norman K. Christensen
Laboratory Supervisor: Norman K. Christensen



9613404.0929

ENVIRONMENTAL WATER REPORT

Form EPRW-A

Page 2 of 4

Part 2 of 4

Date 8/21/92

Agency Identification Number S92-0541

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-HR-3 100-BC-5 Date of Collection July 21, 1992

Date Samples Received at Laboratory July 29, 1992

Analytical Results

Table with columns: Parameter Name, Analysis Date, Units, Method, Prep Method, Field Number, Lab Number, and 10 columns of results. Row 1: Hydrazine, 08/07/1992, µg/L, ASTMD1385, ND* across all lab numbers.

* 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.)



9613404.0930

ENVIRONMENTAL WATER REPORT

Form EPRW-A

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Part 3 of 4

Date 8/21/92

Agency Identification Number S92-0541

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-HR-3 100-BC-5 Date of Collection July 21, 1992

Date Samples Received at Laboratory July 29, 1992

Analytical Results

Table with columns: Parameter Name, Analysis Date, Units, Method, Prep Method, Field Number, Lab Number, and 10 columns of data points. Row 1: Hydrazine, 08/07/1992, ug/L, ASTMD1385, ND* across all lab numbers.

* 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.)

9613404.0931



ENVIRONMENTAL WATER REPORT

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

Date 8/21/92
Agency Identification Number S92-0541
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-HR-3 100-BC-5 Date of Collection July 21, 1992
Date Samples Received at Laboratory July 29, 1992

Analytical Results

Table with columns: Parameter Name, Analysis Date, Units, Method, Prep Method, Field Number, Lab Number, and Limit of Detection. Row 1: Hydrazine, 08/07/1992, ug/L, ASTMD1385, ND* for all lab numbers, 3.

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.)

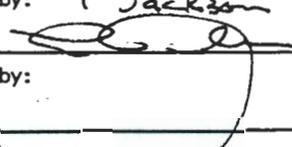
9613404-0932

000020

Westinghouse Hanford Company	CHAIN OF CUSTODY	
Custody Form Initiator	PH BUTCHER	
Company Contact	PH BUTCHER	Telephone (509)376-5045
Project Designation/Sampling Locations	100-HR-3	Collection Date 7/27/92
Ice Chest No.	Hammer	Field Logbook No. ^{KPL} 0057
Bill of Lading/Airbill No.	250986572-1	Offsite Property No. W92-0-0533-39
Method of Shipment	EMERY	
Shipped to	DATA CHEM	
Possible Sample Hazards/Remarks	N/A	

Sample Identification

BO 72 K1
1, 40ml, G, WATER, HYDRAZINE

[] Field Transfer of Custody	Chain of Possession	(Sign and Print Names)
Relinquished by: <i>C. Celiberti C. Celiberti</i>	Received by: <i>K. Trapp / K. Trapp</i>	Date/Time: ^{K7} 7/27/92 7/28/92 0811
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>T Jackson</i> 	Date/Time: 7-29-92 /1200
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

Final Sample Disposition

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

9613404.0933

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-HR-3

Collection Date 7-27-92

Ice Chest No. ~~250986572-1~~ Hammer nr 718162

Field Logbook No. EFL-0057

Bill of Lading/Airbill No. 250986572-1

Offsite Property No. W92-D-0533-39

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Sample Identification

BO 72M6

1, 40ml, G, WATER, HYDRAZINE, HCl ^{ew}
7-27-92

Field Transfer of Custody

Chain of Possession

(Sign and Print Names)

Relinquished by: Lid. Walker <i>Lid. Walker</i>	Received by: K. Trapp / K. Trapp	Date/Time: 7/28/92 0811
Relinquished by: K. Trapp / K. Trapp	Received by: T Jackson <i>T Jackson</i>	Date/Time: 7-29-92 /1200
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

Final Sample Disposition

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

9613404.0934

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-HR-3

Collection Date 7/27/92

Ice Chest No. Hammer

Field Logbook No. EFC-0057

Bill of Lading/Airbill No. 250986572-1

Offsite Property No. W92-0-0533-39

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Sample Identification

BO 72D1

1, 40ml, G, WATER, HYDRAZINE, HCL

LW
7-27-92

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

Relinquished by: <i>K. D. Lee</i>	Received by: <i>K. Trapp / K. Trapp</i>	Date/Time: <i>7/28/92 0811</i>
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>T Jackson</i>	Date/Time: <i>7-29-92 /1200</i>
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

Final Sample Disposition

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

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-HR-3

Ice Chest No. Hammer

Bill of Lading/Airbill No. 250996572-1

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 7/26/92

Field Logbook No. EFL 1018

Offsite Property No. W92-0-0533-39

Sample Identification

BO 7261
1, 40ml, G, WATER, HYDRAZINE (HCL) 20L 7/26/92

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

Relinquished by: <i>C. Celibert</i> C. CELIBERT	Received by: <i>K. Trapp / K. Trapp</i>	Date/Time: <i>7/26/92</i> 7/28/92 0800
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>T Jackson</i>	Date/Time: 7-29-92 / 1200
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

Final Sample Disposition

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

9613404.0936

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER
 Company Contact PH BUTCHER
 Project Designation/Sampling Locations 100-HR-3
 Ice Chest No. *Hammer*
 Bill of Lading/Airbill No. *250986572-*
 Method of Shipment EMERY
 Shipped to DATA CHEM
 Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045
 Collection Date *7/26/92*
 Field Logbook No. *FF4018*
 Offsite Property No. W92-0-0533-39

Sample Identification

BO72C6
 1, 40ml, G, WATER, HYDRAZINE (H₂L)

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

Relinquished by: <i>C. Ceballos</i> C. CECIBENZI	Received by: <i>K. Trapp / K. Trapp</i>	Date/Time: <i>7/26/92</i> <i>7/28/92 0811</i>
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>T Jackson</i>	Date/Time: <i>7-29-92 / 1200</i>
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

Final Sample Disposition

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

9613404.0937

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER
 Company Contact PH BUTCHER
 Project Designation/Sampling Locations 100-HR-3
 Ice Chest No. *Hammer*
 Bill of Lading/Airbill No. *250986572-1*
 Method of Shipment EMERY
 Shipped to DATA CHEM
 Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045
 Collection Date *7/26/92*
 Field Logbook No. *EFL 1018*
 Offsite Property No. W92-0-0533-39

Sample Identification

BO *72ml*
 1, 40ml, G, WATER, HYDRAZINE (*HCL*)

<input type="checkbox"/> Field Transfer of Custody	Chain of Possession	(Sign and Print Names)
Relinquished by: <i>C. Celebreth C. CELEBRETH</i>	Received by: <i>K. Trapp / K. Trapp</i>	Date/Time: <i>KT</i> <i>7/24/92</i> <i>7/28/92 0811</i>
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>I Jackson</i>	Date/Time: <i>7-29-92 1:200</i>
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

Final Sample Disposition

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

9613404.0938

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-HR-3

Collection Date 7/26/92

Ice Chest No. Hammer

Field Logbook No. EFL-1018

Bill of Lading/Airbill No. 250986572-1

Offsite Property No. W92-0-0533-39

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Sample Identification

BO 7256

1, 40ml, G, WATER, HYDRAZINE (HCL) KDL 7/26/92

 Field Transfer of Custody

Chain of Possession

(Sign and Print Names)

Relinquished by: <i>C. Celibert</i> C. CELIBERT	Received by: <i>K. Trapp/K. Trapp</i>	Date/Time: <i>KT</i> <i>7/28/92 0811</i>
Relinquished by: <i>K. Trapp/K. Trapp</i>	Received by: <i>T Jackson</i>	Date/Time: <i>7-29-92 1200</i>
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

Final Sample Disposition

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

9613404-0939

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-BC-5

Ice Chest No. Hammer

Bill of Lading/Airbill No. 250996572-1

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 7-22-92

Field Logbook No. EFL-1036

Offsite Property No. W92-0-0533-39

Sample Identification

BO70F9

1, 40ml, G, 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: 7/23/92 0953	
Relinquished by: AJ SIMPSON <i>AJ Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 7-29-92 / 1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613404.0940

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-BC-5

Ice Chest No. *Hammer*Bill of Lading/Airbill No. *250956572-1*

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 7-22-92

Field Logbook No. *EFL-1036*Offsite Property No. *W92-0-0533-39*

Sample Identification

B072W1

1, 40ml, G, WATER, HYDRAZINE

<input type="checkbox"/> 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>7/23/92</i> <i>0856</i>	
Relinquished by: <i>AJ Simpson</i> <i>AJ Simpson</i>	Received by: <i>T Jackson</i> <i>T Jackson</i>	Date/Time: <i>7-29-92</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:			

9613404.0941

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-BC-5

Ice Chest No. Hammer

Bill of Lading/Airbill No. 250986 572-1

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 7-22-92

Field Logbook No. EFL-1036

Offsite Property No. W92-0-0533-39

Sample Identification

BO72V6

1, 40ml, G, 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: A J SIMPSON <i>A J Simpson</i>	Date/Time: 7/23/92 0858	
Relinquished by: A J SIMPSON <i>A J Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 7.29.92 / 1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613404-0942

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-BC-5

Collection Date 7-22-92

Ice Chest No. Hammer

Field Logbook No. EFL-1036

Bill of Lading/Airbill No. 250996572-1

Offsite Property No. W92-0-0933-39

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Sample Identification

BO70N9

1, 40ml, G, 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: 7/23/92 0854	
Relinquished by: AJ Simpson <i>AJ Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 7-29-92 / 1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	

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

9613404.0943

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-BC-5

Collection Date 7-21-92

Ice Chest No. *Hammers*

Field Logbook No. EFL-1036

Bill of Lading/Airbill No. 250996572-1

Offsite Property No. W92-0-0933-79

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Sample Identification

BO72Y0

1, 40ml, G, WATER, HYDRAZINE

[] 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>7/22/92</i> <i>0849</i>	
Relinquished by: <i>AJ SIMPSON</i> <i>AJ Simpson</i>	Received by: <i>T Jackson</i> <i>[Signature]</i>	Date/Time: <i>7.29.92</i> <i>11200</i>	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	

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

9613404.0944

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-BC-5

Collection Date 7-23-92

Ice Chest No. *Hammer*

Field Logbook No. EFL-1036

Bill of Lading/Airbill No. 250986972-1

Offsite Property No. W92-0-0533-39

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Sample Identification

BO7DL9

1, 40ml, G, WATER, HYDRAZINE

[] 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>K. Trapp / K. Trapp</i>	Date/Time: <i>7/28/92</i>	<i>0811</i>
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>T Jackson</i> <i>[Signature]</i>	Date/Time: <i>7-29-92</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:			

9613404.0945

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-BC-5

Collection Date 7-23-92

Ice Chest No. Hammer

Field Logbook No. EFL-1036

Bill of Lading/Airbill No. 250996572-1

Offsite Property No. W92-D-0533-39

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Sample Identification

BO 70M4

1, 40ml, G, WATER, HYDRAZINE

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>K. Trapp / K. Trapp</i>	Date/Time: <i>7/28/92 0811</i>
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>T Jackson</i>	Date/Time: <i>7-29-92 /1200</i>
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

Final Sample Disposition

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

9613404.0946

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-BC-5

Collection Date 7-23-92

Ice Chest No. Hammer

Field Logbook No. EFL-1036

Bill of Lading/Airbill No. 250956572-1

Offsite Property No. W92-0-0533-39

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Sample Identification

BO 7024

1, 40ml, G, WATER, HYDRAZINE

<input type="checkbox"/> Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: L.D. Walker <i>L.D. Walker</i>	Received by: K. Trapp / K. Trapp	Date/Time: 7/28/92	0811
Relinquished by: K. Trapp / K. Trapp	Received by: T Jackson <i>T Jackson</i>	Date/Time: 7-29-92	/1200
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613404.0947

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-BC-5

Ice Chest No. *Hamper*Bill of Lading/Airbill No. *250986572-1*

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 7-23-92

Field Logbook No. EFL-1036

Offsite Property No. W92-0-0533-39

Sample Identification

BO 72W6

1, 40ml, G, WATER, HYDRAZINE

[] 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>K. Trapp / K. Trapp</i>	Date/Time: <i>7/28/92 0911</i>	
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>T Jackson</i> <i>[Signature]</i>	Date/Time: <i>7-29-92 /1200</i>	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613404.0948

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-BC-5

Collection Date 7/25/92

Ice Chest No. Hammer

Field Logbook No. EFL-2037

Bill of Lading/Airbill No. 250986572-(

Offsite Property No. W92-0-0533-39

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Sample Identification

BO 7064

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

Field Transfer of Custody

Chain of Possession

(Sign and Print Names)

Relinquished by: <i>C. Belcher C. BELCHER</i>	Received by: <i>K. Trapp / K. Trapp</i>	Date/Time: 7/25/92 <i>7/28/92 0811</i>
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>T. Jackson</i>	Date/Time: <i>7-29-92 / 1200</i>
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

Final Sample Disposition

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

9613404 0949

Westinghouse Hanford Company	CHAIN OF CUSTODY
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Custody Form Initiator PH BUTCHER	Telephone (509)376-5045
Company Contact PH BUTCHER	Collection Date 7/25/92
Project Designation/Sampling Locations 100-BC-5	Field Logbook No. EF-1037
Ice Chest No. Hammer	Offsite Property No. W92-0-0533-39
Bill of Lading/Airbill No. 250986572-1	
Method of Shipment EMERY	
Shipped to DATA CHEM	
Possible Sample Hazards/Remarks N/A	

Sample Identification

BO 70J4
1, 40ml, G, WATER, HYDRAZINE (HCL)

<input type="checkbox"/> Field Transfer of Custody	Chain of Possession	(Sign and Print Names)
Relinquished by: <i>C. Celiberti C. Celinski</i>	Received by: <i>K. Trapp / K. Trapp</i>	Date/Time: 7-25-92 <i>7/28/92 0811</i>
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>T Jackson</i>	Date/Time: <i>7-29-92 / 1200</i>
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

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

Westinghouse Hanford Company	CHAIN OF CUSTODY
Custody Form Initiator PH BUTCHER	Telephone (509)376-5045
Company Contact PH BUTCHER	Collection Date 7/25/92
Project Designation/Sampling Locations 100-BC-5	Field Logbook No. EFL-1037
Ice Chest No. Hammer	Offsite Property No. W92-0-0533-39
Bill of Lading/Airbill No. 250986572-1	
Method of Shipment EMERY	
Shipped to DATA CHEM	
Possible Sample Hazards/Remarks N/A	

Sample Identification

BO 70K9
1, 40ml, G, WATER, HYDRAZINE (H₂L)

<input type="checkbox"/> Field Transfer of Custody	Chain of Possession	(Sign and Print Names)
Relinquished by: <i>C. Celuch, C. Celuch</i>	Received by: <i>K. Trapp / K. Trapp</i>	Date/Time: <i>7/28/92 0811</i>
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>T Jackson</i>	Date/Time: <i>7-29-92 /1206</i>
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

Final Sample Disposition

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

9613404-0951

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER
 Company Contact PH BUTCHER
 Project Designation/Sampling Locations 100-BC-5
 Ice Chest No. *Hammer*
 Bill of Lading/Airbill No. *250986572-1*
 Method of Shipment EMERY
 Shipped to DATA CHEM
 Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045
 Collection Date 7-21-92
 Field Logbook No. EFL-1036
 Offsite Property No. W92-0-0533-39

Sample Identification

B07009
 1, 40ml, G, WATER, HYDRAZINE

[] 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: 7/22/92 0845	
Relinquished by: <i>AJ Simpson</i> <i>AJ Simpson</i>	Received by: <i>T Jackson</i> <i>T Jackson</i>	Date/Time: 7-29-92 /1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	

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

9613404.0952

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-BC-5

Ice Chest No. Hammer

Bill of Lading/Airbill No. 250986572-1

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 7/24/92

Field Logbook No. EFC-1036

Offsite Property No. W92-0-0533-34

Sample Identification

BO72X1

1, 40ml, G, WATER, HYDRAZINE

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

Relinquished by: <i>K. D. Lee</i> K.D Lee	Received by: <i>K. Trapp / K. Trapp</i>	Date/Time: 7/28/92 0811
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>T Jackson</i>	Date/Time: 7-29-92 /1200
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

Final Sample Disposition

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

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Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-BC-5

Ice Chest No. Hammer

Bill of Lading/Airbill No. 250 986 572-1

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 7/24/92

Field Logbook No. EFL-1036

Offsite Property No. W92-0-0533-39

Sample Identification

BO 72X6

1, 40ml, G, WATER, HYDRAZINE

<input type="checkbox"/> Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: <i>Phil D. Lee K.D. Lee</i>	Received by: <i>K. Trapp / K. Trapp</i>	Date/Time: 7/28/92	<i>0811</i>
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>T Jackson</i>	Date/Time: 7-29-92	/1200
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

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Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-BC-5

Ice Chest No. Hammer

Bill of Lading/Airbill No. 250996 572-1

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 7/25/92

Field Logbook No. EFL-1032

Offsite Property No. W92-0-0533-39

Sample Identification

BO 7256
1, 40ml, G, WATER, HYDRAZINE (H₂C)

<input type="checkbox"/> Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: <i>C. Celis</i>	Received by: <i>K. Trapp / K. Trapp</i>	Date/Time: 7/25/92 7/28/92 0811	<i>K T</i>
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>T Jackson</i>	Date/Time: 7.29.92 / 1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613404-0955

Westinghouse Hanford Company	CHAIN OF CUSTODY
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Custody Form Initiator PH BUTCHER	Telephone (509)376-5045
Company Contact PH BUTCHER	Collection Date 7-22-92
Project Designation/Sampling Locations 100-BC-5	Field Logbook No. EFL-1036
Ice Chest No. Hammer	Offsite Property No. W92-D-0533-39
Bill of Lading/Airbill No. 250986572-1	
Method of Shipment EMERY	
Shipped to DATA CHEM	
Possible Sample Hazards/Remarks N/A	

Sample Identification

BO72Y4
1, 40ml, G, WATER, HYDRAZINE

<input type="checkbox"/> 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>7/23/92</i> <i>0902</i>
Relinquished by: <i>AJ SIMPSON</i> <i>AJ Simpson</i>	Received by: <i>T Jackson</i> <i>[Signature]</i>	Date/Time: <i>7-29-92</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:		

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER
 Company Contact PH BUTCHER
 Project Designation/Sampling Locations 100-BC-5
 Ice Chest No. Hammer
 Bill of Lading/Airbill No. 250996572-1
 Method of Shipment EMERY
 Shipped to DATA CHEM
 Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045
 Collection Date 7-21-92
 Field Logbook No. EFL-1036
 Offsite Property No. W92-0-0533-34

Sample Identification

BO 72 VI
 1, 40ml, G, WATER, HYDRAZINE

[] 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: 7/22/92 0845	
Relinquished by: <i>AJ Simpson</i> <i>AJ Simpson</i>	Received by: <i>T Jackson</i> <i>T Jackson</i>	Date/Time: 7-29-92 /1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613404-0957

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER
 Company Contact PH BUTCHER Telephone (509)376-5045
 Project Designation/Sampling Locations 100-BC-5 Collection Date 7-21-92
 Ice Chest No. Hamner Field Logbook No. EFL-1036
 Bill of Lading/Airbill No. 250996572-1 Offsite Property No. W92-0-0533-79
 Method of Shipment EMERY
 Shipped to DATA CHEM
 Possible Sample Hazards/Remarks N/A

Sample Identification

BO 7064
1, 40ml, G, 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: A.J. Simpson <i>A.J. Simpson</i>	Date/Time: 7/22/92 0846	
Relinquished by: A.J. Simpson <i>A.J. Simpson</i>	Received by: T. Jackson <i>T. Jackson</i>	Date/Time: 7-29-92 /1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

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Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER
 Company Contact PH BUTCHER
 Project Designation/Sampling Locations 100-BC-5
 Ice Chest No. Hammer
 Bill of Lading/Airbill No. 250986972-1
 Method of Shipment EMERY
 Shipped to DATA CHEM
 Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045
 Collection Date 7-21-92
 Field Logbook No. EFL-1036
 Offsite Property No. W92-0-0533-39

Sample Identification

BO 70F4
 1, 40ml, G, 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: A.J. SIMPSON <i>A.J. Simpson</i>	Date/Time: 7/22/92 0903	
Relinquished by: A.J. SIMPSON <i>A.J. Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 7-29-92 / 1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	

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

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-BC-5

Ice Chest No. Hammer

Bill of Lading/Airbill No. 250980572-1

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 7-22-92

Field Logbook No. EFL-1036

Offsite Property No. W92-0-0533-39

Sample Identification

BO 7279

1, 40ml, G, 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: 7/23/92 0900	
Relinquished by: AJ SIMPSON <i>AJ Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 7.29.92 /1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	

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

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ANALYTICAL REQUEST FORM

1. REGULAR Status
 RUSH Status Requested - ADDITIONAL CHARGE
 RESULTS REQUIRED BY _____ DATE _____
 CONTACT DATACHEM LABS PRIOR TO SENDING SAMPLES.

2. Date 7/28/92 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 ^{KT 7/28/92}
 Sampling Site 100-BG-5 100-HA-3
 Industrial Process _____
 Date of Collection See below
 Time Collected See bottles
 Date of Shipment 7/28/92
 Chain of Custody No. _____

OPC# W92-0-0533-39
 BOL# 250986572-1
 TASK# 92-244

5. REQUEST FOR ANALYSES

Laboratory Use Only	Client Sample Number	Media Type*	Sample Volume (Liters)	ANALYSES REQUESTED - Use Method	Number of Known
EL 3008	BC72K1	W	1;40ml	G;WATER;HYDRAZINE (HCL)	7/27/92
3009	BC72MG				7/27/92
3010	BC72D1				7/27/92
3011	BC72G1				7/26/92
3012	BC72CG				7/26/92
3013	BC72M1				7/26/92
3014	BC72JG	↓	↓	✓	7/26/92

*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

DATA CHEM LABORATORIES



96-3404-0962

ANALYTICAL REQUEST FORM

1. REGULAR Status

RUSH Status Requested - ADDITIONAL CHARGE

RESULTS REQUIRED BY _____ DATE _____

CONTACT DATACHEM LABS PRIOR TO SENDING SAMPLES.

2. Date 7/28/92 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 _____
 Date of Collection See below
 Time Collected See bottles
 Date of Shipment 7/28/92
 Chain of Custody No. _____

OPC# WA2-0-0533-39
 BOL# 250486572-1
 TASK# 92-243

5. REQUEST FOR ANALYSES

Laboratory Use Only	Client Sample Number	Media Type*	Sample Volume (Liters)	ANALYSES REQUESTED - Use Method Number	Date
EL 3015	B070F9	W	1;40ml	G;WATER;HYDRAZINE (HCL)	7/22/92
3016	B072W1				7/22/92
3017	B072V6				7/22/92
3018	B070N9				7/22/92
3019	B072Y0				7/21/92
3020	B070L9				7/23/92
3021	B070M4				7/23/92
3022	B070N4				7/23/92
3023	B072WG	✓	✓	✓	7/23/92

*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

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1. REGULAR Status

RUSH Status Requested - ADDITIONAL CHARGE

RESULTS REQUIRED BY _____ DATE _____

CONTACT DATACHEM LABS PRIOR TO SENDING SAMPLES.

2. Date 7/28/92 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 _____

Date of Collection see below

Time Collected see bottles

Date of Shipment 7/28/92

Chain of Custody No. _____

OPC# W92-0-0533-39
 BOL# 250986 572-1
 TASK# 92-243-244-244
 by 7/28/92

5. REQUEST FOR ANALYSES

Laboratory Use Only	Client Sample Number	Media Type*	Sample Volume (Liters)	ANALYSES REQUESTED - Use Method	Number if Known	Date
EL 3024	B070L4	W	1;40ml	G;WATER;HYDRAZINE (HCL)		7/25/92
3025	B070J4					7/25/92
3026	B070K9					7/25/92
3027	B070D9					7/21/92
3028	B072X1					7/24/92
3029	B072X6					7/24/92
3030	B072SG					7/25/92
3031	B072Y4					7/22/92
3032	B072V1					7/21/92
3033	B070G4					7/21/92
3034	B070F4					7/21/92
3035	B072Y9					7/22/92

*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

9613404.0964

VALIDATION SUMMARY

9613404.0965

B072KI-DAT-176

WHC-SD-EN-SPP-002, Rev. 1

WET CHEMISTRY DATA VALIDATION CHECKLIST - FORM A-7

PROJECT: Westinghouse	REVIEWER: SC	DATE: 12/7/92
LABORATORY: Data Chem	CASE:	SDG: B070D9
SAMPLES/MATRIX: water		
B070F9, B072W1, B072V6, B070N9, B072Y0,		
B070L9, B070M4, B070N4, B072W6,		
B070L4, B070J4, B070K9, B070D9, B072X1,		
B072X6, B072S6, B072Y4, B072V1, B070G4, B070F4,		
B072 B07271		

1. DATA PACKAGE COMPLETENESS

Review the data package for completeness and check off the items below. If any data review elements are missing contact the laboratory for submittal of the omitted data.

Data Package Item	Present?:	Yes	No	N/A
Case Narrative		—	X	—
Cover Page		—	X	—
Traffic Reports/Chain-of-Custody		X	—	—
Sample Analysis Data Report Forms		X	—	—
Standards Data		—	X	—
QC Summary				
Blanks Summary Report Forms		—	X	—
Spike Sample Recovery Report Forms		—	X	—
Duplicate Sample Analysis Report Forms		—	X	—
Laboratory Control Sample Report Forms		—	X	—
Raw Data				
Ion Chromatograph Chromatograms		—	X	—
TOC and TOX Instrument Printouts		—	X	X
Laboratory Bench Sheets		—	X	X
Additional Data				
Laboratory Sample Preparation Logs		—	X	—
Instrument Run Logs		—	X	—
Internal Laboratory Chain-of-Custody		—	X	—
Percent Solids Analysis Records		—	X	X
Reduction Formulae		—	X	—
Chemist Notebook Pages		—	X	—

2. HOLDING TIMES

Were all samples analyzed within holding times?

D Yes No N/A

Action: If any holding times were exceeded qualify all affected results as estimated (J for detects and UJ for nondetects).

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No data provided

3. INITIAL CALIBRATIONS

Were all instruments calibrated daily, each set-up time and were the proper number of standards used?

Yes No (N/A)

Are the correlation coefficients ≥ 0.995 ?

Yes No (N/A)

Was a balance check conducted prior to the TDS analysis?

Yes No (N/A)

Was the titrant normality checked?

Yes No (N/A)

ACTION: Qualify all data as unusable (R) if reported from an analysis in which the above criteria were not met.

4. INITIAL AND CONTINUING CALIBRATION VERIFICATION

No data provided

Have ICV and CCV been analyzed at the proper frequency?

Yes No (N/A)

Are ICV and CCV percent recoveries within control?

Yes No (N/A)

Are there calculation errors?

Yes No (N/A)

ACTION: Qualify all affected data in accordance with the validation requirements.

5. LABORATORY BLANKS

No data provided

Are target analytes present in the laboratory blanks?

Yes No (N/A)

ACTION: Qualify all associated sample results for any analyte $< 5X$ the amount in any laboratory blank as non-detected (U) and list the affected samples and analytes below.

6. FIELD BLANKS

Are target analytes present in the field blanks?

Yes No (N/A)

ACTION: Qualify all sample results for any analyte $< 5X$ the amount in any valid field blank as non-detected (U).

7. MATRIX SPIKE SAMPLE ANALYSIS

No data provided

Are spike recoveries within the acceptance limits?

Yes No (N/A)

ACTION: If the sample concentration exceeds the spike concentration by a factor of 4 or more, and spike recoveries are outside the acceptance limits, no qualification is necessary. If spike recovery is outside the control limits and the sample results are greater than the CRQL, qualify the data as estimated (J). If the spike recovery is less than 30% and the sample results are less than the IDL qualify the data as unusable (R).

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8. LABORATORY CONTROL SAMPLE

No data provided

Are percent recoveries within the acceptance limits?

Yes No N/A

Are there calculation errors?

Yes No N/A

ACTION: Qualify the affected results according to the following requirements:

AQUEOUS LCS - Qualify as estimated (J), all sample results > IDL, for which the LCS %R falls within the range 50-79% or > 120%. Qualify as estimated (UJ), all sample results < IDL, for which the LCS falls within the range of 50-79%. Qualify as unusable (R) all sample results, for which the LCS %R < 50%.

SOLID LCS - Qualify as estimated (J), all sample results > IDL for which the LCS %R is outside the established control limits. Qualify as estimated (UJ), all sample results < IDL for which the LCS %R are lower than the established control limits.

9. PERFORMANCE AUDIT ANALYSES

No data provided

Are the performance audit sample results within the acceptance limits?

Yes No N/A

ACTION: Note the results of the performance audit samples in the validation narrative.

10. DUPLICATE SAMPLE ANALYSIS

No data provided

Are RPD values within the acceptance limits?

Yes No N/A

Action: Qualify the results for all associated samples of the same matrix as estimated (J) if the RPD falls outside the acceptance limits.

11. FIELD DUPLICATE SAMPLES

Do RPD values exceed the acceptance limits?

Yes No N/A

ACTION: Note the results of the field duplicate samples in the validation narrative.

12. FIELD SPLIT SAMPLES

Do RPD values exceed the acceptance limits?

Yes No N/A

ACTION: Note the results of the field split samples in the validation narrative.

9613404 0968

13. ANALYTE QUANTITATION AND DETECTION LIMITS

Have results been reported and calculated correctly?

NO data

Yes No

N/A

Are instrument detection limits below the CRDL?

Yes No

N/A

Action: If analyte quantitation is in error, contact the laboratory for explanation. If errors or deficiencies can not be resolved with the laboratory, qualify associated data as unusable (R).

14. OVERALL ASSESSMENT AND SUMMARY

Has the laboratory conducted the analysis in accordance with the analytical SOW?

No data provided

Yes No

N/A

Were project specific data quality objectives met for this analysis?

Yes No

N/A

ACTION: Summarize all the data qualifications and complete the data validation narrative as specified in Section 10 of the data validation requirements.

WET CHEMISTRY DATA VALIDATION CHECKLIST - FORM A-7

PROJECT: <i>Westinghouse</i>	REVIEWER: <i>LM</i>	DATE: <i>1/30/93</i>
LABORATORY: <i>Data Chem</i>	CASE:	SDG: <i>B07</i>
SAMPLES/MATRIX: <i>B072C6, B072D1, B072J6, B072K1, B072M1,</i>		
<i>B072M6, B072S6, B072V1, B072V6, B072W1</i>		
<i>B072W6, B072X1, B072X6, B072Y0, 2 B072Y4,</i>		
<i>B072Y9</i>		
<i>16 water samples</i>		

1. DATA PACKAGE COMPLETENESS

Review the data package for completeness and check off the items below. If any data review elements are missing contact the laboratory for submittal of the omitted data.

Data Package Item	Present?:	Yes	No	N/A
Case Narrative		—	✓	—
Cover Page		—	✓	—
Traffic Reports/Chain-of-Custody		✓	—	—
Sample Analysis Data Report Forms		✓	—	—
Standards Data		—	✓	—
QC Summary				
Blanks Summary Report Forms		—	✓	—
Spike Sample Recovery Report Forms		—	✓	—
Duplicate Sample Analysis Report Forms		—	✓	—
Laboratory Control Sample Report Forms		—	✓	—
Raw Data				
Ion Chromatograph Chromatograms		—	✓	—
TOC and TOX Instrument Printouts		—	—	✓
Laboratory Bench Sheets		—	✓	—
Additional Data				
Laboratory Sample Preparation Logs		—	✓	—
Instrument Run Logs		—	✓	—
Internal Laboratory Chain-of-Custody		—	✓	—
Percent Solids Analysis Records		—	—	✓
Reduction Formulae		—	✓	—
Chemist Notebook Pages		—	✓	—

2. HOLDING TIMES

Were all samples analyzed within holding times?

Yes

No

N/A

Action: If any holding times were exceeded qualify all affected results as estimated (J for detects and UJ for nondetects).

3. INITIAL CALIBRATIONS

- Were all instruments calibrated daily, each set-up time and were the proper number of standards used? Yes No N/A
- Are the correlation coefficients ≥ 0.995 ? Yes No N/A
- Was a balance check conducted prior to the TDS analysis? Yes No N/A
- Was the titrant normality checked? Yes No N/A

ACTION: Qualify all data as unusable (R) if reported from an analysis in which the above criteria were not met.

4. INITIAL AND CONTINUING CALIBRATION VERIFICATION

- Have ICV and CCV been analyzed at the proper frequency? Yes No N/A
- Are ICV and CCV percent recoveries within control? Yes No N/A
- Are there calculation errors? Yes No N/A

ACTION: Qualify all affected data in accordance with the validation requirements.

5. LABORATORY BLANKS

- Are target analytes present in the laboratory blanks? Yes No N/A

ACTION: Qualify all associated sample results for any analyte < 5 times the amount in any laboratory blank as nondetected (U) and list the affected samples and analytes below.

6. FIELD BLANKS

- Are target analytes present in the field blanks? Yes No N/A

ACTION: Qualify all sample results for any analyte < 5 times the amount in any valid field blank as nondetected (U).

7. MATRIX SPIKE SAMPLE ANALYSIS

- Are spike recoveries within the acceptance limits? Yes No N/A

ACTION: If the sample concentration exceeds the spike concentration by a factor of 4 or more, and spike recoveries are outside the acceptance limits, no qualification is necessary. If spike recovery is outside the control limits and the sample results are $> CRQL$, qualify the data as estimated (J). If the spike recovery is $< 30\%$ and the sample results are less than the IDL qualify the data as unusable (R).

8. LABORATORY CONTROL SAMPLE

Are percent recoveries within the acceptance limits? Yes No (N/A)

Are there calculation errors? Yes No (N/A)

ACTION: Qualify the affected results according to the following requirements:

AQUEOUS LCS - Qualify as estimated (J), all sample results >IDL, for which the LCS %R falls within the range 50-79% or >120%. Qualify as estimated (UJ), all sample results <IDL, for which the LCS falls within the range of 50-79%. Qualify as unusable (R) all sample results, for which the LCS %R <50%.

SOLID LCS - Qualify as estimated (J), all sample results >IDL for which the LCS %R is outside the established control limits. Qualify as estimated (UJ), all sample results <IDL for which the LCS %R are lower than the established control limits.

9. PERFORMANCE AUDIT ANALYSES

Are the performance audit sample results within the acceptance limits? Yes No (N/A)

ACTION: Note the results of the performance audit samples in the validation narrative.

10. DUPLICATE SAMPLE ANALYSIS

Are RPD values within the acceptance limits? Yes No (N/A)

Action: Qualify the results for all associated samples of the same matrix as estimated (J) if the RPD falls outside the acceptance limits.

11. FIELD DUPLICATE SAMPLES

Do RPD values exceed the acceptance limits? Yes No (N/A)

ACTION: Note the results of the field duplicate samples in the validation narrative.

12. FIELD SPLIT SAMPLES

Do RPD values exceed the acceptance limits? Yes No (N/A)

ACTION: Note the results of the field split samples in the validation narrative.

13. ANALYTE QUANTITATION AND DETECTION LIMITS

Have results been reported and calculated correctly?

Yes

No

N/A

Are instrument detection limits below the CRDL?

Yes

No

N/A

Action: If analyte quantitation is in error, contact the laboratory for explanation. If errors or deficiencies can not be resolved with the laboratory, qualify associated data as unusable (R).

14. OVERALL ASSESSMENT AND SUMMARY

Has the laboratory conducted the analysis in accordance with the analytical SOW?

Yes

No

N/A

Were project specific data quality objectives met for this analysis?

Yes

No

N/A

ACTION: Summarize all the data qualifications and complete the data validation narrative as specified in Section 10.0 of the data validation requirements.

COMMENTS (attach additional sheets as necessary): _____

*No instrument raw data provided.
All data rejected.*

70
9/7/92

RECORD COPY

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

Date 8/21/92
Agency Identification Number S92-0541
Account # 2534C



Telephone (509) 373-3225

Sampling Collection and Shipment

Sampling Site 100-HR-3 100-BC-5 Date of Collection July 21, 1992

Date Samples Received at Laboratory July 29, 1992

Analytical Results

HR-3 3rd Q

Parameter Name	Analysis Date	Units	Method	Prep Method	Field Number	Lab Number						
Hydrazine	08/07/1992	ug/L	ASTMD1385		B072K1	EL 3008	NR	NR	NR	NR	NR	NR
					B072N6	EL 3009	NR	NR	NR	NR	NR	NR
					B072D1	EL 3010	NR	NR	NR	NR	NR	NR
					B072G1	EL 3011	NR	NR	NR	NR	NR	NR
					B072C6	EL 3012	NR	NR	NR	NR	NR	NR
					B072M1	EL 3013	NR	NR	NR	NR	NR	NR
					B072J6	EL 3014	NR	NR	NR	NR	NR	NR
					B070F9	EL 3015	NR	NR	NR	NR	NR	NR

FRD
8/2/95

* 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
Katherine Kellersberger
Reviewer: Katherine Kellersberger
Norman K. Christensen
Laboratory Supervisor: Norman K. Christensen



9613404.0976

ENVIRONMENTAL WATER REPORT

Form EPRW-A

Page 2 of 4

Part 2 of 4

Date 8/21/92
Agency Identification Number S92-0541
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-HR-3 100-BC-5 Date of Collection July 21, 1992

Date Samples Received at Laboratory July 29, 1992

Analytical Results

Table with columns for Parameter Name, Analysis Date, Units, Method, Prep Method, Field Number, Lab Number, and results for Hydrazine across various lab numbers (B072W1, B072V6, B070N9, B072Y0, B070L9, B070M4, B070N4, B072W6).

Handwritten note: P81 6/2/92

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.)



9613404.0977

ENVIRONMENTAL WATER REPORT

Form EPRW-A

Page 3 of 4

Part 3 of 4

Date 8/21/92
Agency Identification Number S92-0541
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-HR-3 100-BC-5 Date of Collection July 21, 1992

Date Samples Received at Laboratory July 29, 1992

Analytical Results

Table with columns: Parameter Name, Analysis Date, Units, Method, Prep Method, Field Number, Lab Number, and 10 sample columns. Row 1: Hydrazine, 08/07/1992, ug/L, ASTMD1385, B070L4, EL 3024, B070J4, EL 3025, B070K9, EL 3026, B070D9, EL 3027, B072X1, EL 3028, B072X6, EL 3029, B072S6, EL 3030, B072Y4, EL 3031. All sample cells contain 'NR'.

Handwritten note: 6/2/93

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.)



9613404-0978

ENVIRONMENTAL WATER REPORT

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

Date 8/21/92
Agency Identification Number S92-0541
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-HR-3 100-BC-5 Date of Collection July 21, 1992
Date Samples Received at Laboratory July 29, 1992

Analytical Results

Parameter Name	Field Number	Lab Number							* Limit of Detection	
Analysis Date Units										
Method Prep Method										
Hydrazine		B072V1		B070G4		B070F4		B072Y9		3.
08/07/1992	µg/L	EL 3032	NR*	EL 3033	NR*	EL 3034	NR*	EL 3035		
ASTMD1385			NR*		NR*		NR*			

PBS
6/2/92

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



613404.0979

000010

1. REGULAR Status

RUSH Status Requested - ADDITIONAL CHARGE

RESULTS REQUIRED BY _____ DATE _____

CONTACT DATACHEM LABS PRIOR TO SENDING SAMPLES.

2. Date 7/29/92 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 _____

Date of Collection see below

Time Collected see bottles

Date of Shipment 7/29/92

Chain of Custody No. _____

OPC# W92-0-0533-39

BOL# 250986572-1

TASK# 92-243-244-244
or 7/28/92

5. REQUEST FOR ANALYSES

Laboratory Use Only	Client Sample Number	Media Type*	Sample Volume (Liters)	ANALYSES REQUESTED - Use Method	Number if known Date
EL 3024	B070L4	W	1;40ml	G;WATER;HYDRAZINE (HCL)	7/25/92
3025	B070J4				7/25/92
3026	B070K9				7/25/92
3027	B070D9				7/21/92
3028	B072X1				7/24/92
3029	B072X6				7/24/92
3030	B0725G				7/25/92
3031	B072Y4				7/22/92
3032	B072V1				7/21/92
3033	B070G4				7/21/92
3034	B070F4				7/21/92
3035	B072Y9				7/22/92

*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



1. REGULAR Status

RUSH Status Requested - ADDITIONAL CHARGE

RESULTS REQUIRED BY _____ DATE _____

CONTACT DATACHEM LABS PRIOR TO SENDING SAMPLES.

2. Date 7/28/92 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 KT 7/28/92

Sampling Site 100-BG-5 ~~_____~~

Industrial Process _____

Date of Collection See below

Time Collected See bottles

Date of Shipment 7/28/92

Chain of Custody No. _____

OPC# W92-0-0533-39
BOL# 250986572-1
TASK# 92-244

5. REQUEST FOR ANALYSES

Laboratory Use Only	Client Sample Number	Media Type*	Sample Volume (Liters)	ANALYSES REQUESTED - Use Method	Number of Samples	Date
EL 3008	B072K1	W	1;40ml	G;WATER;HYDRAZINE (HCL)		7/27/92
3009	B072MG					7/27/92
3010	B072D1					7/27/92
3011	B072G1					7/26/92
3012	B072CG					7/26/92
3013	B072M1					7/26/92
↓ 3014	B072TG	↓	↓	↓		7/26/92

*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

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613404.0981

1. REGULAR Status

RUSH Status Requested - ADDITIONAL CHARGE

RESULTS REQUIRED BY _____ DATE _____

CONTACT DATACHEM LABS PRIOR TO SENDING SAMPLES.

2. Date 7/28/92 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 [REDACTED]

Industrial Process _____

Date of Collection see below

Time Collected see bottles

Date of Shipment 7/28/92

Chain of Custody No. _____

OPC# W92-0-0533-39
BOL# 250986572-1
TASK# 92-243

5. REQUEST FOR ANALYSES

Laboratory Use Only	Client Sample Number	Media Type*	Sample Volume (Liters)	ANALYSES REQUESTED - Use Method Number	Date
EL 3015	B070F9	W	1;40ml	G;WATER;HYDRAZINE (HCL)	7/22/92
3016	B072W1				7/22/92
3017	B072V6				7/22/92
3018	B070N9				7/22/92
3019	B072Y0				7/21/92
3020	B070L9				7/23/92
3021	B070M4				7/23/92
3022	B070N4				7/23/92
3023	B072W6				7/23/92

*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

9613404.0982

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-BC-5

Collection Date 7-22-92

Ice Chest No. Hammer

Field Logbook No. EFL-1036

Bill of Lading/Airbill No. 250986572-1

Offsite Property No. W92-0-0533-39

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Sample Identification

BO70F9

1, 40ml, G, 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: 7/23/92 0953	
Relinquished by: AJ SIMPSON <i>AJ Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 7-29-92 / 1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613404.0983

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER
 Company Contact PH BUTCHER Telephone (509)376-5045
 Project Designation/Sampling Locations 100-BC-5 Collection Date 7-22-92
 Ice Chest No. Hammer Field Logbook No. EFL-1036
 Bill of Lading/Airbill No. 250956572-1 Offsite Property No. W92-0-0533-39
 Method of Shipment EMERY
 Shipped to DATA CHEM
 Possible Sample Hazards/Remarks N/A

Sample Identification

B072W1
1, 40ml, G, 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: 7/23/92 0856	
Relinquished by: AJ Simpson <i>AJ Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 7-29-92 /1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613404.0984

Westinghouse Hanford Company	CHAIN OF CUSTODY
---	-------------------------

Custody Form Initiator PH BUTCHER	Telephone (509)376-5045
Company Contact PH BUTCHER	Collection Date 7-22-92
Project Designation/Sampling Locations 100-BC-5	Field Logbook No. EFL-1036
Ice Chest No. Hammer	Offsite Property No. W92-0-0533-39
Bill of Lading/Airbill No. 250986572-1	
Method of Shipment EMERY	
Shipped to DATA CHEM	
Possible Sample Hazards/Remarks N/A	

Sample Identification

B072V6
1, 40ml, G, 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: 7/23/92 0858
Relinquished by: AJ SIMPSON <i>AJ Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 7.29-92 / 1200
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

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

Westinghouse
Hanford Company

9613404.0985

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-BC-5

Ice Chest No. Hammer

Bill of Lading/Airbill No. 250996572-1

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 7-22-92

Field Logbook No. EFL-1036

Offsite Property No. W92-0-0933-39

Sample Identification

BO7DN9

1, 40ml, G, WATER, HYDRAZINE

<input type="checkbox"/> 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: 7/23/92 0854
Relinquished by: AJ Simpson <i>AJ Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 7-29-92 /1200
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:
Final Sample Disposition		
Disposal Method:	Disposed by:	Date/Time:
Comments:		

Westinghouse
Hanford Company

9613404.0986

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-BC-5

Collection Date 7-21-92

Ice Chest No. *Hamper*

Field Logbook No. EFL-1036

Bill of Lading/Airbill No. 250996572-1

Offsite Property No. W92-0-0533-79

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Sample Identification

BO7240

1, 40ml, G, WATER, HYDRAZINE

[] 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>7/22/92</i> <i>0849</i>	
Relinquished by: <i>AJ SIMPSON</i> <i>AJ Simpson</i>	Received by: <i>T Jackson</i> <i>T Jackson</i>	Date/Time: <i>7-29-92</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:			

9613404.0987

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-BC-5

Collection Date 7-23-92

Ice Chest No. Hamner

Field Logbook No. EFL-1036

Bill of Lading/Airbill No. 250956972-1

Offsite Property No. W92-0-0533-39

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Sample Identification

BO7DL9

1, 40ml, G, 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: K. Trapp / K. Trapp	Date/Time: 7/28/92 0811	
Relinquished by: K. Trapp / K. Trapp	Received by: T Jackson <i>T Jackson</i>	Date/Time: 7-29-92 /1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613104.0988

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-BC-5

Collection Date 7-23-92

Ice Chest No. Hammer

Field Logbook No. EFL-1036

Bill of Lading/Airbill No. 250996572-1

Offsite Property No. W92-D-0933-39

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Sample Identification

BO 70M4

1, 40ml, G, WATER, HYDRAZINE

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>K. Trapp / K. Trapp</i>	Date/Time: <i>7/28/92 0811</i>
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>T Jackson</i> <i>[Signature]</i>	Date/Time: <i>7-29-92 /1200</i>
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

Final Sample Disposition

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

9613404.0989

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-BC-5

Collection Date 7-23-92

Ice Chest No. Hammer

Field Logbook No. EFL-1036

Bill of Lading/Airbill No. 250996572-1

Offsite Property No. W92-0-0533-39

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Sample Identification

BO 70N4

1, 40ml, G, 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: K. Trapp / K. Trapp	Date/Time: 7/28/92 0811
Relinquished by: K. Trapp / K. Trapp	Received by: T Jackson <i>T Jackson</i>	Date/Time: 7-29-92 / 1200
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

Final Sample Disposition

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

9613404.0990

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-BC-5

Collection Date 7-23-92

Ice Chest No. HAMPER

Field Logbook No. EFL-1036

Bill of Lading/Airbill No. 250986572-1

Offsite Property No. W92-0-0933-39

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Sample Identification

BO 72W6

1, 40ml, G, 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: K. Trapp / K. Trapp	Date/Time: 7/28/92 0811	
Relinquished by: K. Trapp / K. Trapp	Received by: T Jackson <i>T Jackson</i>	Date/Time: 7-29-92 /1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

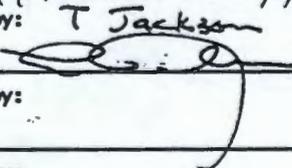
9613404.0991

Westinghouse Hanford Company	CHAIN OF CUSTODY
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Custody Form Initiator PH BUTCHER	Telephone (509)376-5045
Company Contact PH BUTCHER	Collection Date 7/27/92
Project Designation/Sampling Locations 100-HR-3	Field Logbook No. ^{KPL} 0057
Ice Chest No. <i>Hammer</i>	Offsite Property No. W92-0-0533-39
Bill of Lading/Airbill No. 250986572-1	
Method of Shipment EMERY	
Shipped to DATA CHEM	
Possible Sample Hazards/Remarks N/A	

Sample Identification

BO 72 k 1
1, 40ml, G, WATER, HYDRAZINE

[] Field Transfer of Custody	Chain of Possession	(Sign and Print Names)
Relinquished by: <i>C. Celibert</i> <i>C. Celibert</i>	Received by: <i>K. Trapp / K. Trapp</i>	Date/Time: ^{K7} 7/27/92 <i>7/28/92 0811</i>
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>T Jackson</i> 	Date/Time: <i>7-29-92 /1200</i>
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:
Final Sample Disposition		
Disposal Method:	Disposed by:	Date/Time:
Comments:		

9613404-0992

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-HR-3

Ice Chest No. ~~250986572~~ Hammer nr 7/18/92

Bill of Lading/Airbill No. 250986572-1

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 7-27-92

Field Logbook No. EFL-0057

Offsite Property No. W92-0-0533-39

Sample Identification

BO 72M6

1, 40ml, G, WATER, HYDRAZINE, HCl

7-27-92

Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: L.D. Walker <i>L.D. Walker</i>	Received by: K. Trapp / K. Trapp <i>K. Trapp / K. Trapp</i>	Date/Time: 7/28/92 0811	
Relinquished by: K. Trapp / K. Trapp <i>K. Trapp / K. Trapp</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 7-29-92 /1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

Westinghouse
Hanford Company

9613404.0993

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-HR-3

Ice Chest No. Hammer

Bill of Lading/Airbill No. 250986572-1

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 7/27/92

Field Logbook No. EFC-0057

Offsite Property No. W92-0-0533-39

Sample Identification

BO 72D1

1, 40ml, G, WATER, HYDRAZINE, HCL

LW
7-27-92

<input type="checkbox"/> Field Transfer of Custody	Chain of Possession	(Sign and Print Names)
Relinquished by: <i>[Signature]</i> K.D. Lee	Received by: K. Trapp / K. Trapp	Date/Time: 7/28/92 0811
Relinquished by: K. Trapp / K. Trapp	Received by: T Jackson <i>[Signature]</i>	Date/Time: 7-29-92 1200
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:
Final Sample Disposition		
Disposal Method:	Disposed by:	Date/Time:
Comments:		

9613404.0994

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER
 Company Contact PH BUTCHER
 Project Designation/Sampling Locations 100-HR-3
 Ice Chest No. Hammer
 Bill of Lading/Airbill No. 250986572-1
 Method of Shipment EMERY
 Shipped to DATA CHEM
 Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045
 Collection Date 7/26/92
 Field Logbook No. EFF 1018
 Offsite Property No. W92-0-0533-37

Sample Identification

BO72C6
 1, 40ml, G, WATER, HYDRAZINE (42L)

[] Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: <i>C. Celis</i>	<i>C. CELISEN</i>	Received by: <i>K. Trapp / K. Trapp</i>	Date/Time: <i>KT</i> 7/26/92 7/28/92 0811
Relinquished by: <i>K. Trapp / K. Trapp</i>		Received by: <i>T Jackson</i>	Date/Time: 7-29-92 /1200
Relinquished by:		Received by:	Date/Time:
Relinquished by:		Received by:	Date/Time:
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613404.0995

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER
 Company Contact PH BUTCHER
 Project Designation/Sampling Locations 100-HR-3
 Ice Chest No. *Hammer*
 Bill of Lading/Airbill No. 250986572-1
 Method of Shipment EMERY
 Shipped to DATA CHEM
 Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045
 Collection Date 7/26/92
 Field Logbook No. ^{EPL} 1618
 Offsite Property No. W92-D-0533-39

Sample Identification

BO 72 ml
 1, 40ml, G, WATER, HYDRAZINE (HCL)

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

Relinquished by: <i>C. Celiberti C. CELIBERTI</i>	Received by: <i>K. Trapp / K. Trapp</i>	Date/Time: 7/24/92 7/28/92 0811
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>I Jackson</i>	Date/Time: 7-29-92 1:200
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

Final Sample Disposition

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

9613404.0996

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-HR-3

Ice Chest No. Hammer

Bill of Lading/Airbill No. 250986572-1

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 7/26/92

Field Logbook No. EFL-1018

Offsite Property No. W92-0-0533-39

Sample Identification

BO 7256

1, 40ml, G, WATER, HYDRAZINE (HCL) KDL 7/26/92

[] Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: <i>C. Colbert</i> C. COLBERT	Received by: <i>K. Trapp/K. Trapp</i>	Date/Time: <i>7/26/92</i> 7/28/92 0811	<i>KT</i>
Relinquished by: <i>K. Trapp/K. Trapp</i>	Received by: <i>T Jackson</i>	Date/Time: 7-29-92 1/200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613404.0997

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER
 Company Contact PH BUTCHER Telephone (509)376-5045
 Project Designation/Sampling Locations 100-BC-5 Collection Date 7/25/92
 Ice Chest No. Hammer Field Logbook No. EFL-7037
 Bill of Lading/Airbill No. 250986572-(Offsite Property No. W92-0-0533-39
 Method of Shipment EMERY
 Shipped to DATA CHEM
 Possible Sample Hazards/Remarks N/A

Sample Identification

BO 7064
 1, 40ml, G, WATER, HYDRAZINE (HCL)

[] Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: <i>C. DeLuna C. DeLuna</i>	Received by: <i>K. Trapp / K. Trapp</i>	Date/Time: 7/25/92 7/25/92	<i>K7</i> OS 11
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>T. Jackson</i>	Date/Time: 7-29-92	1200
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613404.0990

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-BC-5

Collection Date 7/25/92

Ice Chest No. Hammer

Field Logbook No. EFL-1037

Bill of Lading/Airbill No. 250986572-1

Offsite Property No. W92-0-0533-39

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Sample Identification

BO 7054

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

Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: <i>C. Celebrete</i> <i>C. Celebrete</i>	Received by: <i>K. Trapp / K. Trapp</i>	Date/Time: <i>7/28/92</i> <i>7/28/92 0811</i>	<i>KF</i>
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>T Jackson</i>	Date/Time: <i>7-29-92</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:		

9613404.0999

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-HR-3

Collection Date 7/26/92

Ice Chest No. Hammer

Field Logbook No. EFL 1013

Bill of Lading/Airbill No. 250986572-1

Offsite Property No. W92-0-0533-39

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Sample Identification

BO 72G
1, 40ml, G, WATER, HYDRAZINE (HCL) 20L 7/26/92

[] Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: <i>C. Celibert</i> C. CELIBERT	Received by: <i>K. Trapp / K. Trapp</i>	Date/Time: <i>7/26/92</i> <i>7/28/92 0800</i>	<i>KT</i>
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>T Jackson</i>	Date/Time: <i>7-29-92 / 1200</i>	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	

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

9613404.1001

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-BC-5

Ice Chest No. Hammer

Bill of Lading/Airbill No. 250986572-1

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 7-21-92

Field Logbook No. EFL-1036

Offsite Property No. W92-0-0533-39

Sample Identification

B070D9

1, 40ml, G, 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: 7/22/92 0845	
Relinquished by: AJ Simpson <i>AJ Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 7-29-92 /1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613404.1002

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER
 Company Contact PH BUTCHER
 Project Designation/Sampling Locations 100-BC-5
 Ice Chest No. Hammer
 Bill of Lading/Airbill No. 290996572-1
 Method of Shipment EMERY
 Shipped to DATA CHEM
 Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045
 Collection Date 7/24/92
 Field Logbook No. EFL-1036
 Offsite Property No. W92-0-0933-39

Sample Identification

BO72X1
 1, 40ml, G, WATER, HYDRAZINE

[] Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: <i>Phil P. Lee K.D. Lee</i>	Received by: <i>K. Trapp / K. Trapp</i>	Date/Time: 7/28/92 0811	
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>T Jackson</i>	Date/Time: 7.29.92 / 1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613404.1003

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-BC-5

Collection Date 7/24/92

Ice Chest No. Hammer

Field Logbook No. EFL-1036

Bill of Lading/Airbill No. 250996572-1

Offsite Property No. W92-0-0533-39

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Sample Identification

BO72X6

1, 40ml, G, WATER, HYDRAZINE

Field Transfer of Custody		Chain of Possession	(Sign and Print Names)
Relinquished by: <i>Keith D. Lee K.D. Lee</i>	Received by: <i>K. Trapp / K. Trapp</i>	Date/Time: 7/28/92 0811	
Relinquished by: <i>K. Trapp / K. Trapp</i>	Received by: <i>T Jackson</i>	Date/Time: 7-29-92 /1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613404.1004

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-BC-5

Ice Chest No. Hammer

Bill of Lading/Airbill No. 250986572-1

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 7/25/92

Field Logbook No. EFL-1032

Offsite Property No. W92-0-0533-39

Sample Identification

BO 7256
1, 40ml, G, WATER, HYDRAZINE (H₂C)

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

Relinquished by: <i>C. Celischi</i> C. Celischi	Received by: K. Trapp / K. J. Mapp	Date/Time: 7/25/92 7/28/92 0811
Relinquished by: K. Trapp / K. J. Mapp	Received by: T. Jackson	Date/Time: 7-29-92 / 1200
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:

Final Sample Disposition

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

9613404.1005

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-BC-5

Collection Date 7-22-92

Ice Chest No. Hammer

Field Logbook No. EFL-1036

Bill of Lading/Airbill No. 250986572-(

Offsite Property No. W92-0-0533-39

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Sample Identification

BO72Y4

1, 40ml, G, 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: 7/23/92 0902	
Relinquished by: AJ SIMPSON <i>AJ Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 7-29-92 / 1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613404.1006

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER
 Company Contact PH BUTCHER Telephone (509)376-5045
 Project Designation/Sampling Locations 100-BC-5 Collection Date 7-21-92
 Ice Chest No. Hammer Field Logbook No. EFL-1036
 Bill of Lading/Airbill No. 250986572-1 Offsite Property No. W92-0-0533-39
 Method of Shipment EMERY
 Shipped to DATA CHEM
 Possible Sample Hazards/Remarks N/A

Sample Identification

BO72VI
1, 40ml, G, WATER, HYDRAZINE

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: 7/22/92 0845	
Relinquished by: <i>AJ Simpson</i> <i>AJ Simpson</i>	Received by: <i>T Jackson</i> <i>T Jackson</i>	Date/Time: 7-29-92 /1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613404.1007

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-BC-5

Ice Chest No. Hamner

Bill of Lading/Airbill No. 250996572-1

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045

Collection Date 7-21-92

Field Logbook No. EFL-1036

Offsite Property No. W92-0-0533-39

Sample Identification

BO70G4

1, 40ml, G, WATER, HYDRAZINE

<input type="checkbox"/> 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: 7/22/92 0846	
Relinquished by: A J Simpson <i>A J Simpson</i>	Received by: T. Jackson <i>T. Jackson</i>	Date/Time: 7-29-92 /1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613404-1008

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER
 Company Contact PH BUTCHER
 Project Designation/Sampling Locations 100-BC-5
 Ice Chest No. Hammer
 Bill of Lading/Airbill No. 250986572-1
 Method of Shipment EMERY
 Shipped to DATA CHEM
 Possible Sample Hazards/Remarks N/A

Telephone (509)376-5045
 Collection Date 7-21-92
 Field Logbook No. EFL-1036
 Offsite Property No. W92-0-0533-39

Sample Identification

BO 70F4
 1, 40ml, G, WATER, HYDRAZINE

<input type="checkbox"/> 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: 7/22/92 0903	
Relinquished by: A.J. SIMPSON <i>A.J. Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 7-29-92 / 1200	
Relinquished by:	Received by:	Date/Time:	
Relinquished by:	Received by:	Date/Time:	
Final Sample Disposition			
Disposal Method:	Disposed by:	Date/Time:	
Comments:			

9613404.1009

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator PH BUTCHER

Company Contact PH BUTCHER

Telephone (509)376-5045

Project Designation/Sampling Locations 100-BC-5

Collection Date 7-22-92

Ice Chest No. Hammer

Field Logbook No. EFL-1036

Bill of Lading/Airbill No. 250986572-1

Offsite Property No. W92-0-0533-39

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks N/A

Sample Identification

BO 7279

1, 40ml, G, WATER, HYDRAZINE

<input type="checkbox"/> 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: 7/23/92 0900
Relinquished by: AJ SIMPSON <i>AJ Simpson</i>	Received by: T Jackson <i>T Jackson</i>	Date/Time: 7.29.92 /1200
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:
Final Sample Disposition		
Disposal Method:	Disposed by:	Date/Time:
Comments:		