

ENVIRONMENTAL WATER REPORT

Form EPRW-A
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 Part 1 of 1

APR 23 1993

Date _____
 Agency Identification Number S93-0226
 Account No. 3534C

Westinghouse Hanford Company
 2355 Stevens Drive
 MSIN H4-23 345 Hill Street/300 Area
 Richland, WA 99352
 Attention: Briana Colley



Telephone (509) 373-3225

Sampling Collection and Shipment

Sampling Site _____ Date of Collection April 09, 1993

Date Samples Received at Laboratory April 15, 1993

Analytical Results

Parameter Name	Analysis Date	Units	Method	Prep Method	Field Number	Lab Number	Limit of Detection
Hydrazine	04/16/1993		ASTMD1385		B08929	EM 0973	3.
					B08829	EM 0974	
					B08924	EM 0975	
					B08824	EM 0976	

† 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 A. Hixon
 Analyst: Mark A. Hixon
Katherine Kellersberger
 Reviewer: Katherine Kellersberger
Norman K. Christensen
 Laboratory Supervisor: Norman K. Christensen

9713517.2878



ENVIRONMENTAL WATER REPORT

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APR 23 1993

Date _____

Agency Identification Number S93-0226

General Set Comments

Case Narrative

Nothing unusual was noted during analysis of these samples. This set was analyzed together with samples from set S93-0209. Quality control data for both sets is with set S93-0209.

9713512-2879

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator KD LEE/GG HAMILTON
 Company Contact PH BUTCHER
 Project Designation/Sampling Locations 100-FR-3
 Ice Chest No. SML-259
 Bill of Lading/Airbill No. 2536954255
 Method of Shipment EMERY
 Shipped to DATA CHEM
 Possible Sample Hazards/Remarks

Telephone (509) 376-5045
 Collection Date 4/12/93
 Field Logbook No. EFL-1055
 Offsite Property No. W93-0420-09

Sample Identification

B08929
 1, 40ml, Gs, WATER; HYDRAZINE
 EM 0973

[] Field Transfer of Custody		Chain of Possession			(Sign and Print Names)	
Relinquished By	Date	Time	Received By	Date	Time	
AJ SIMPSON	4/12/93		KT 4/13/93			
K. J. Trapp	4/13/93	1034	Willie B. White	4/14/93	0700	
Willie B. White	4/14/93	0700	[Signature]	4-15-93	1200	

Final Sample Disposition

Disposal Method: Disposed by: Date/Time:
 Comments: Sample set in refig 4 at 1034, 4/13/93

9713517 2880

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator KD LEE/GG HAMILTON

Company Contact PH BUTCHER

Telephone (509) 376-5045

Project Designation/Sampling Locations 100-FR-3

Collection Date 4/14/93

Ice Chest No. SAAL-51 PC4/13/93 SML-259

Field Logbook No. EFL 1054

Bill of Lading/Airbill No. 2536954244 PC 4/13/93 2536954255

Offsite Property No. W93-C-420-09

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks

Sample Identification

B08829

1, 40ml, Gs, WATER; HYDRAZINE CHEM)

EM 0974

Field Transfer of Custody		Chain of Possession		(Sign and Print Names)	
Relinquished By	Date	Time	Received By	Date	Time
<i>GG Hamilton</i>	4/12/93	1345	<i>PC code</i>	4/13/93	0715
<i>PC code</i>	4/13/93	0715	<i>PH BUTCHER</i>	4/14/93	0700
<i>PH BUTCHER</i>	4/14/93	0700	<i>PC code</i>	4-15-93	1200

Final Sample Disposition

Disposal Method:	Disposed by:	Date/Time:
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Comments: Re-frig 1 on 4/12/93 Relinquished to FRIG #5 on 4/13/93 at 0715

note: Bubbles present in hydrazine sample

9713512.2881

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator KD LEE/GG HAMILTON

Company Contact PH BUTCHER

Telephone (509) 376-5045

Project Designation/Sampling Locations 100-FR-3

Collection Date 4/12/93

Ice Chest No. ~~SML-51~~ ^{PC 4/13/93} SML-259

Field Logbook No. EFL-1065

Bill of Lading/Airbill No. ~~2536954244~~ ^{PC 4/13/93} 2536954255

Offsite Property No. W93-0-420-09

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks

Sample Identification

BO 8924

1, 40ml, Gs, WATER; HYDRAZINE (H₂L)

EM 0975

Field Transfer of Custody		Chain of Possession		(Sign and Print Names)	
Relinquished By	Date	Time	Received By	Date	Time
AJ Simpson	4/12/93	0910	PC Cole	4/13/93	0715
PC Cole	4/13/93	0715	PH BUTCHER	4/14/93	0700
PH BUTCHER	4/14/93	0700	EE	4-15-93	1200

Final Sample Disposition

Disposal Method:	Disposed by:	Date/Time:
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Comments: FRIG #1 relinquished to field by Kelly Lee 4/12/93
Relinquished to FRIG #5 on 4/13/93 at 0715

9713517-2882

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator KD LEE/GG HAMILTON

Company Contact PH BUTCHER

Telephone (509) 376-5045

Project Designation/Sampling Locations 100-FR-3

Collection Date 4/9/93

Ice Chest No ~~SAL-51~~ ^{pc 4/13/93} SML-259 ^{pc 4/13/93}

Field Logbook No. EFL-1055

Bill of Lading/Airbill No. ~~2536954244~~ ^{pc 4/13/93} 2536954255

Offsite Property No. W93-0-420-09

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks

Sample Identification

BO 8824

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

EM 0976

[] Field Transfer of Custody		Chain of Possession		(Sign and Print Names)	
Relinquished By	Date	Time	Received By	Date	Time
K. Umrop/K. Trapp	4/9/93	1409	Relele P. Code	4/13/93	0715
Relele P. Code	4/13/93	0715	Phyllis E. Hamilton/B. White	4/14/93	0700
Phyllis E. Hamilton/B. White	4/14/93	0700		4-15-93	1200

Final Sample Disposition

Disposal Method:	Disposed by:	Date/Time:
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Comments: Sample put in refriq 1 on 4/9/93 at 1409
Relinquished to FRIG# 5 on 4/13/93 at 0715

9713517.2887

DATA QUALIFICATION SUMMARY

UNIT: 100-FR-3

DOCUMENT CONTROL NUMBER: WHC-SD-EN-TI-187

ANALYSES: Wet Chemistry

RFW NO.: B08929-DAT-239

SDG NO.: B088Z4

QUALIFICATION SUMMARY:

Data for this package were not validated.



9713517.2888

ENVIRONMENTAL WATER REPORT

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Date _____
Agency Identification Number S93-0226
Account No. 3534C

Westinghouse Hanford Company
2355 Stevens Drive
MSIN H4-23 345 Hill Street/300 Area
Richland, WA 99352
Attention: Briana Colley

Telephone (509) 373-3225

Sampling Collection and Shipment

Sampling Site _____ Date of Collection April 09, 1993

Date Samples Received at Laboratory April 15, 1993

Analytical Results

Parameter Name	Field Number	Lab Number	Field Number	Lab Number	Field Number	Lab Number	Field Number	Lab Number	Limit of Detection
Hydrazine		B08929 EM 0973	B08829 EM 0974	B08924 EM 0975	B08824 EM 0976				3.
04/16/1993	µg/L	ND*	ND*	ND*	ND*				
ASTMD1385		311							

† 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.)

NU
7-21-93 SC

Mark A. Hixon
Analyst: Mark A. Hixon
Katherine Kellersberger
Reviewer: Katherine Kellersberger

Laboratory Supervisor: Norman K. Christensen

960 West LeVoy Drive / Salt Lake City, Utah 84123-2547 / (801) 266-7700
A Sorenson Company

9713517.2889

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator KD LEE/GG HAMILTON
 Company Contact PH BUTCHER
 Project Designation/Sampling Locations 100-FR-3
 Ice Chest No. SML-259
 Bill of Lading/Airbill No. 2536954255
 Method of Shipment EMERY
 Shipped to DATA CHEM
 Possible Sample Hazards/Remarks

Telephone (509) 376-5045
 Collection Date 4/12/93
 Field Logbook No. EFL-1055
 Offsite Property No. W93-0420-09

Sample Identification

B08929
 1, 40ml, Gs, WATER; HYDRAZINE
 EM 0973

[] Field Transfer of Custody		Chain of Possession		(Sign and Print Names)	
Relinquished By	Date	Time	Received By	Date	Time
AJ SIMPSON	4/12/93		KT 4/13/93		
K. J. Trapp	4/13/93	1034	B. WHITE	4/14/93	0700
B. WHITE	4/14/93	0700		4-15-93	1200

Final Sample Disposition

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

Comments: Sample set in refrig 4 at 1034, 4/13/93

9713517.2890

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator KD LEE/GG HAMILTON

Company Contact PH BUTCHER

Telephone (509) 376-5045

Project Designation/Sampling Locations 100-FR-3

Collection Date 4/12/93

Ice Chest No. SAAT-51 PC 4/13/93 SML-259

Field Logbook No. EFL 1054

Bill of Lading/Airbill No. 2536954244 PC 4/13/93 2536954255

Offsite Property No. W93-0420-09

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks

Sample Identification

B08829
1, 40ml, Gs, WATER; HYDRAZINE(CHEM)

EM 0974

[] Field Transfer of Custody		Chain of Possession		(Sign and Print Names)	
Relinquished By	Date	Time	Received By	Date	Time
<i>KD Lee</i> K. G. HAMILTON	4/12/93	1345	<i>RL Cole</i> R. L. COLE	4/13/93	0715
<i>RL Cole</i> R. L. COLE	4/13/93	0715	<i>PH Butcher</i> P. H. BUTCHER	4/14/93	0700
<i>PH Butcher</i> P. H. BUTCHER	4/14/93	0700	<i>CE</i>	4-15-93	1200

Final Sample Disposition

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

Comments: Re-frig 1 on 4/12/93 Relinquished to FRIG # 5 on 4/13/93 at 0715
 note: Bubbles present in hydrazine sample

9713517-2091

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator KD LEE/GG HAMILTON

Company Contact PH BUTCHER

Telephone (509) 376-5045

Project Designation/Sampling Locations 100-FR-3

Collection Date 4/12/93

Ice Chest No. ~~SML 51~~ ^{PC 4/13/93} SML-259

Field Logbook No. EFL-1065

Bill of Lading/Airbill No. ~~2536954244~~ ^{PC 4/13/93} 2536954255

Offsite Property No. W93-0-420-09

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks

Sample Identification

BO 8924

1, 40ml, Gs, WATER; HYDRAZINE (H₂L)

EM 0975

Field Transfer of Custody

Chain of Possession

(Sign and Print Names)

Relinquished By	Date	Time	Received By	Date	Time
AJ Simpson AJSIMPSON	4/12/93	0910	PC Lole PC Lole	4/13/93	0715
PC Lole PC Lole	4/13/93	0715	PH BUTCHER BWHITTEN	4/14/93	0700
PH BUTCHER BWHITTEN	4/14/93	0700		4-15-93	1200

Final Sample Disposition

Disposal Method:

Disposed by:

Date/Time:

Comments:

FR16 #1 relinquished to field by Kelly Lole 4/12/93
Relinquished to FR16 #5 on 4/13/93 at 0715

9713517.2802

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Custody Form Initiator KD LEE/GG HAMILTON

Company Contact PH BUTCHER

Project Designation/Sampling Locations 100-FR-3

Ice Chest No. ~~SML-5~~ ^{pc 4/13/93} SML-259 ^{pc 4/13/93}Bill of Lading/Airbill No. ~~2536954244~~ 2536954255

Method of Shipment EMERY

Shipped to DATA CHEM

Possible Sample Hazards/Remarks

Telephone (509) 376-5045

Collection Date 4/9/93

Field Logbook No. EFL-1055

Offsite Property No. W93-0-420-09

Sample Identification

BO 8824

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

EM 0976

[] Field Transfer of Custody			Chain of Possession			(Sign and Print Names)		
Relinquished By	Date	Time	Received By	Date	Time			
K. J. Tapp / K. Tapp	4/9/93	1409	Phile Estale	4/13/93	0715			
Phile Estale	4/13/93	0715	Phile Estale / PH BUTCHER	4/14/93	0700			
Phile Estale / PH BUTCHER	4/14/93	0700		4-15-93	1200			

Final Sample Disposition

Disposal Method:

Disposed by:

Date/Time:

Comments:

Sample 200 in ref 1 on 4/9/93 at 1409
Relinquished to FRIC#5 on 4/13/93 at 0715

