

RECEIVED NOVEMBER 21, 2008

Fluor Hanford
 WSCF Analytical Lab
 P.O. Box 1000
 Richland, Washington 99352
 Telephone 373-7495
 Telefax 372-0456

FLUOR[®]

M4W41-SLF-08-1250

November 20, 2008

Mr. M. A. Neely, Manager
 Analytical Services
 CH2M HILL Plateau Remediation Contract
 1933 Jadwin MSIN B6-06
 Richland, WA 99352

Dear Mike:

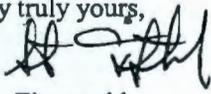
FINAL RESULTS FOR SAMPLE DELIVERY GROUP WSCF20082243

- Reference: (1) Memorandum of Agreement #MOA-FH-CHPRC-2008, Rev. 0, for the Performance & Payment of Services, dated October 1, 2008
- (2) HNF-SD-CD-QAPP-017, Rev. 9, Waste Sampling & Characterization Facility Quality Assurance Plan

This letter contains the following attachments for sample delivery group WSCF20082243:

- Cover Sheet (Attachment 1)
- Narrative (Attachment 2)
- Issue Resolution Form (Attachment 3)
- Analytical Results (Attachment 4)
- Sample Receipt Information (Attachment 5)

Very truly yours,


 S. L. Fitzgerald
 WSCF Analytical Lab

SLF/grf

Attachments 5

cc: w/Attachments
 T. F. Dale
 A. J. Kopriva
 H. K. Meznarich
 P. D. Mix

S3-30
 S3-30
 S3-30
 S3-30

J. E. Trechter
 S. J. Trent
 File/LB

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 B6-06

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ATTACHMENT 1

COVER SHEET

Consisting of 2 pages
Including cover page

WSCF SAF NUMBER CROSS REFERENCE

Group#: WSCF20082243
Data Deliverable Date: 17-nov-2008
Data Deliverable: Cover Sheet

SAF#	Sample ID	WSCF#	Matrix
I09-005	B1XHR0	W08P004776	WATER
I09-009	B1XLR6	W08P004780	WATER
	B1XLR7	W08P004777	WATER
	B1XLR9	W08P004778	WATER
	B1XLT1	W08P004779	WATER

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ATTACHMENT 2

NARRATIVE

Consisting of 2 pages
Including cover page

Introduction

Five groundwater samples were received at the WSCF Laboratory on November 14, 2008. Samples were analyzed for the analytes indicated on the attached copy of the chain of custody (COC) form in accordance with the *Memorandum of Agreement (MOA-FH-CHPRC-2008, Rev.0)*, referenced in the cover letter.

The narrative (Attachment 2) will address sample characteristics, analyses requested and general information in performance of the analytical methods. A copy of proposed Issue Resolution Form, documenting missed Cr+6 hold time, is included as Attachment 3. A Data Summary Report (Attachment 4) includes analytical results, a comment report detailing method abnormalities, tentatively identified peaks if applicable, method references, and Laboratory QC information as applicable. Copies of the chain of custody and sample receipt documentation are included as Attachment 5.

It should be noted that the attached chain of custody was stamped "ICED" by the WSCF Laboratory Sample Custodian during sample receiving, indicating the presence of ice in the sample container.

Analytical Methodology for Requested Analyses

Refer to *WSCF Method References Report*, page 11 for a complete listing of approved analytical methods.

Inorganic Comments

Hexavalent Chromium – The hold time requirement for this analysis was not met. See comment below. A Duplicate, Matrix Spike, Blank and Laboratory Control Sample were analyzed with this delivery group. See page 17 for QC details. Analytical Note(s):

- Missed Hold Time – Refer to Attachment 3 for detail.
- Duplicates and Matrix Spikes were analyzed on samples B1XHR0 of this SDG and B1XHC3 (SDG# 20082245).

All QC controls are within the established limits.

I certify that this data package is in compliance with the LOI, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Analytical Manager and Client Services as verified by the following signatures.


Scot L. Fitzgerald
WSCF Analytical Laboratory Manager


Pauline D. Mix
WSCF Client Services

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ATTACHMENT 3

ISSUE RESOLUTION FORM

Consisting of 2 pages
Including cover page

ISSUE RESOLUTION FORM

DRAFT

PNNL TRACKING NUMBER: 08-XXX

Date : 11-19-2008 SAF No. I09-005, I09-009

SDG: WSCF20082243 LOGIN No.: TEST: Cr+6

Sample No.(s) B1XHR0, B1XLR6, B1XLR7, B1XLR9, B1XLT1
(W08P004776 – W08P004780)

Submitted By: WW Baird Submitted To: H Hampt
Phone No. 372-7189 Phone No. 376-4319
Fax No. 372-0456 Fax No

ISSUE

Missed regulatory holding time for Hexavalent Chromium analysis.

Samples were collected and delivered to the WSCF Laboratory on Friday, November 11, 2008. Analysis of the samples was started on Friday, but was terminated due to an instrument problem.

Samples were successfully analyzed the following Monday, November 17, 2008. All QC controls were within established laboratory limits.

PROPOSED RESOLUTION

Accept results (accept as-is) and document missed holding time for Hexavalent Chromium analysis in the case narrative.

GRP COMMENTS

Signature and Date

M4W41-SLF-08-1250

ATTACHMENT 4

ANALYTICAL RESULTS

Consisting of 10 pages
Including cover page

**WSCF
ANALYTICAL RESULTS REPORT**

for

**GPAP
Richland, WA 99352**

Attention: Steve Trent E6-35

Analytical:

S. Fitzgerald 11/20/08

Client Services:

PD. Mir 11/20/2008

All results are reported on an "as received" basis unless otherwise noted in the comment section.

This information is intended for the use of the addressee only. If the reader of this report is not the intended recipient or is not authorized by the recipient to receive the report, you are hereby notified that any dissemination, distribution or copying of this report is strictly prohibited. If you have received this report in error, please notify WSCF Laboratory immediately by telephone at (509) 373-7020 or (509) 531-8004. Information designation of this report is the responsibility of the customer.

Report#: WSCF20082243
Report Date: 18-nov-2008
Report WGPP/ver. 5.2
GPAP

Page 1

W13q Worklist/Batch/QC Report for Group# WSCF20082243

WL#	S#	Batch	QC#	Tray Type	Sample#	Test
38546	2	38968	43464	BLANK		Hexavalent chromium
38546	12	38968	43464	BLANK		Hexavalent chromium
38546	27	38968	43464	BLANK		Hexavalent chromium
38546	3	38968	43464	LCS		Hexavalent chromium
38546	5	38968	43464	DUP	W08P004776	Hexavalent chromium
38546	6	38968	43464	MS	W08P004776	Hexavalent chromium
38546	7	38968	43464	MSD	W08P004776	Hexavalent chromium
38546	4	38968	43464	SAMPLE	W08P004776	Hexavalent chromium
38546	7	38968	43464	SPK-RPD	W08P004776	Hexavalent chromium
38546	8	38968	43464	SAMPLE	W08P004777	Hexavalent chromium
38546	9	38968	43464	SAMPLE	W08P004778	Hexavalent chromium
38546	10	38968	43464	SAMPLE	W08P004779	Hexavalent chromium
38546	11	38968	43464	SAMPLE	W08P004780	Hexavalent chromium
38546	14	38968	43464	DUP	W08P004795	Hexavalent chromium
38546	15	38968	43464	MS	W08P004795	Hexavalent chromium
38546	16	38968	43464	MSD	W08P004795	Hexavalent chromium
38546	16	38968	43464	SPK-RPD	W08P004795	Hexavalent chromium

WSCF

METHOD REFERENCES REPORT

Department: Inorganic

The results provided in this report were generated using the following WSCF Laboratory procedures. For your convenience, this table provides a listing of the regulatory or industry methods that are referenced by each of these WSCF procedures. Please note that the most recent version of the regulatory or industry method is listed here even though the WSCF procedure may reference an older version of the method. Also, a reference to a regulatory or industry method here does not necessarily indicate a verbatim implementation of that method.

LA-265-403	LA-265-403: Hexavalent Chromium analysis by Spectrophotometer
EPA SW-846 7196A	HEXAVALENT CHROMIUM
HEIS 7196_CR6	Hexavalent Chromium

Note: A complete list of WSCF analytical procedures and referenced regulatory or industry methods is available online at <http://www2.rl.gov/phmc/as-dol>.

Report Date: 18-nov-2008
Report#: WSCF20082243
Report WGPPM/5.2

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OF
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Page 1

WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent E6-35

SAF Number: I09-005

Sample # W08P004776

Client ID: B1XHR0 PNNL-GPP
WSCF

Matrix: WATER

Group #: WSCF20082243

Department: Inorganic

Sampled: 11/14/08

Received: 11/14/08

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403		0.372	mg/L			1.00	2.0e-03		11/17/08

MDL = Minimum Detection Limit U - Analyzed for but not detected above limiting criteria(inorg)

RQ = Result Qualifier

TP Err = Total Propagated Error

DF = Dilution Factor

* - Indicates results that have NOT been validated; + - Indicates more than six qualifier symbols

Report WGPP/ver. 5.2

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WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent E6-35

SAF Number: I09-009

Sample # W08P004777

Client ID: B1XLR7 PNNL-GPP
WSCF

Matrix: WATER

Group #: WSCF20082243

Department: Inorganic

Sampled: 11/14/08

Received: 11/14/08

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403		0.0996	mg/L			1.00	2.0e-03		11/17/08

MDL=Minimum Detection Limit U - Analyzed for but not detected above limiting criteria(inorg)

RQ=Result Qualifier

TP Err=Total Propagated Error

DF=Dilution Factor

* - Indicates results that have NOT been validated; + - Indicates more than six qualifier symbols

Report WGPP/ver. 5.2

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WSCF

ANALYTICAL RESULTS REPORT

Attention: Steve Trent E6-35

SAF Number: I09-009

Sample # W08P004778

Client ID: B1XLR9 PNNL-GPP
WSCF

Matrix: WATER

Group #: WSCF20082243

Department: Inorganic

Sampled: 11/14/08

Received: 11/14/08

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Hexavalent Chromium	18540-29-9	LA-265-403		0.0169	mg/L			1.00	2.0e-03		11/17/08

MDL=Minimum Detection Limit U - Analyzed for but not detected above limiting criteria(inorg)

RQ=Result Qualifier

TP Err=Total Propagated Error

DF=Dilution Factor

* - Indicates results that have NOT been validated; + - Indicates more than six qualifier symbols

Report WGPP/ver. 5.2

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WSCF

ANALYTICAL RESULTS REPORT

Attention: Steve Trent E6-35

SAF Number: I09-009

Sample # W08P004779

Client ID: B1XLT1 PNNL-GPP
WSCF

Matrix: WATER

Group #: WSCF20082243

Department: Inorganic

Sampled: 11/14/08

Received: 11/14/08

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403		0.0136	mg/L			1.00	2.0e-03		11/17/08

MDL=Minimum Detection Limit U - Analyzed for but not detected above limiting criteria(inorg)

RQ=Result Qualifier

TP Err=Total Propagated Error

DF=Dilution Factor

* - Indicates results that have NOT been validated; + - Indicates more than six qualifier symbols

Report WGPP/ver. 5.2

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WSCF

ANALYTICAL RESULTS REPORT

Attention: Steve Trent E6-35

SAF Number: I09-009

Sample # W08P004780

Client ID: B1XLR6 PNNL-GPP
WSCF

Matrix: WATER

Group #: WSCF20082243

Department: Inorganic

Sampled: 11/14/08

Received: 11/14/08

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	U	< 2.00e-03	mg/L			1.00	2.0e-03		11/17/08

MDL=Minimum Detection Limit U - Analyzed for but not detected above limiting criteria(inorg)

RQ=Result Qualifier

TP Err=Total Propagated Error

DF=Dilution Factor

* - Indicates results that have NOT been validated; + - Indicates more than six qualifier symbols

Report WGPP/ver. 5.2

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WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20082243
 Matrix: WATER
 Test: Hexavalent chromium

Sample Date: 11/14/08
 Receive Date: 11/14/08

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W08P004776											
BATCH QC ASSOCIATED WITH SAMPLE											
DUP	Hexavalent chromium	18540-29-9	0.3706		RPD			0.458	15.000		11/17/08
MS	Hexavalent chromium	18540-29-9	0.0562	105.243	% Recov	85.000	115.000				11/17/08
MSD	Hexavalent chromium	18540-29-9	0.0562	105.243	% Recov	85.000	115.000				11/17/08
SPK-RPD	Hexavalent chromium	18540-29-9	105.243		RPD			0.000	20.000		11/17/08
Lab ID: W08P004795											
BATCH QC ASSOCIATED WITH SAMPLE											
DUP	Hexavalent chromium	18540-29-9	0.0764		RPD			2.116	15.000		11/17/08
MS	Hexavalent chromium	18540-29-9	0.0811	114.419	% Recov	85.000	115.000				11/17/08
MSD	Hexavalent chromium	18540-29-9	0.0811	114.419	% Recov	85.000	115.000				11/17/08
SPK-RPD	Hexavalent chromium	18540-29-9	114.419		RPD			0.000	20.000		11/17/08
BATCH QC											
BLANK	Hexavalent chromium	18540-29-9	<0.002	n/a	mg/L	0.000	2.000			U	11/17/08
BLANK	Hexavalent chromium	18540-29-9	<0.002	n/a	mg/L	0.000	2.000			U	11/17/08
BLANK	Hexavalent chromium	18540-29-9	<0.002	n/a	mg/L	0.000	2.000			U	11/17/08
LCS	Hexavalent chromium	18540-29-9	0.0533	106.175	% Recov	80.000	120.000				11/17/08

M4W41-SLF-08-1250

ATTACHMENT 5

SAMPLE RECEIPT INFORMATION

Consisting of 7 pages
Including cover page

Waste Sampling and Characterization Facility
P.O. BOX 1970 S3-30, Richland, WA 99352
PHONE: (509) 373-7004/FAX: (509) 373-7134

File

ACKNOWLEDGMENT OF SAMPLES RECEIVED

11/17/08
tel

GPAP

Customer Code: PNNL-GPP
PO#: 122543
Group#: 20082243

Richland, WA 99352
Attn: Steve Trent E6-35



The following samples were received from you on 11/14/08. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Waste Sampling and Characterization Facility.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
W08P004776	B1XHR0	PNNL-GPP CR+6	Water	11/14/08
W08P004777	B1XLR7	PNNL-GPP CR+6	Water	11/14/08
W08P004778	B1XLR9	PNNL-GPP CR+6	Water	11/14/08
W08P004779	B1XLT1	PNNL-GPP CR+6	Water	11/14/08
W08P004780	B1XLR6	PNNL-GPP CR+6	Water	11/14/08

Test Acronym Description

Test Acronym	Description
CR+6	Hexavalent chromium

CHPRC

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #

109-005-474

11/17/08 20082243

Page 1 of 1

Collector FLUOR HANFORD R.F. CARRIGAN	Contact/Requester Mike Neely	Telephone No. 509-373-0654	MSIN	FAX
SAF No. 109-005	Sampling Origin Hanford Site	Purchase Order/Charge Code		
Project Title 100HR3IAM(1/2) NOVEMBER 2008	HNF-N-506-17	Ice Chest No. 6W3-002	Temp.	
Shipped To (Lab) Waste Sampling & Characterization	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No.		
Protocol CERCLA	Priority: 24 Hours PRIORITY	Offsite Property No.		

POSSIBLE SAMPLE HAZARDS/REMARKS	SPECIAL INSTRUCTIONS FY08 and FY09 samples cannot be in the same SDG. 100 Area Generator Knowledge Information Form applies.	Hold Time	Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
--	--	-----------	---

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1XHR0	W0F004776	W	11/14/08	1145	1x250-mL aG	7196_CR6: Hexavalent Chromium (1)	24 Hours	Cool-4C
<i>[Handwritten signature and date 11/14/08]</i>								
ICED								

Relinquished By FLUOR HANFORD R.F. CARRIGAN	Print <i>R.F. Carrigan</i>	Sign <i>[Signature]</i>	Date/Time NOV 14 2008	Received By TA KNOZM	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time NOV 14 2008	Matrix * S = Soil DS = Drum Solid SF = Sediment DT = Drum Liquid SO = Solid T = Tissue SI = Sludge WI = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By			Date/Time	Received By			Date/Time	
Relinquished By			Date/Time	Received By			Date/Time	
Relinquished By			Date/Time	Received By			Date/Time	
FINAL SAMPLE DISPOSITION			Disposal Method (e.g., Return to customer, per lab procedure, used in process)			Disposed By		Date/Time

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CHPRC

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #

109-009-167

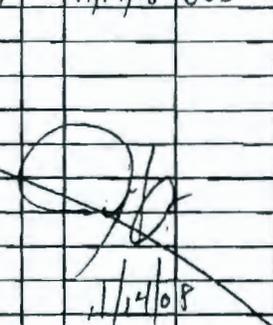
Page 1 of 1

Collector FLUOR HANFORD R.F. CARRIGAN	Contact/Requester Mike Neely	Telephone No. 509-371-0654	MSIN	FAX
SAF No. 109-009	Sampling Origin Hanford Site	Purchase Order/Charge Code		
Project Title ISRM NOVEMBER 2008	HNF-N-506-17	Ice Chest No. 6WS 007	Temp.	
Shipped To (Lab) Waste Sampling & Characterization	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No.		
Protocol CERCLA	Priority: 24 Hours	PRIORITY		Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS
 ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL INSTRUCTIONS Hold Time
 FY08 and FY09 samples cannot be in the same SDG.
 200 Area Generator Knowledge Information Form applies.

Total Activity Exemption: Yes No

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1XLR7	4777	W	11/14/08	0830	1x250-mL aG	7196_CR6: Hexavalent Chromium (1)	24 Hours	Cool-4C
								
<h1>ICED</h1>								

Relinquished By FLUOR HANFORD R.F. CARRIGAN	Print R.F. Carrigan	Sign	Date/Time NOV 14 2008	Received By JA Frazee	Print JA Frazee	Sign	Date/Time NOV 14 2008	Matrix * S = Soil DS = Drum Solid SF = Sediment DI = Drum Liquid SO = Solid T = Tissue SL = Sludge W = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By			Date/Time	Received By			Date/Time	
Relinquished By			Date/Time	Received By			Date/Time	
Relinquished By			Date/Time	Received By			Date/Time	
FINAL SAMPLE DISPOSITION			Disposal Method (e.g., Return to customer, per lab procedure, used in process)	Disposed By			Date/Time	

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CHPRC

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #

109-009-169

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FLUOR HANFORD

Collector R.F. CARRIGAN	Contact/Requester Mike Neely	Telephone No. 509-373-0654	MSIN	FAX
SAF No. 109-009	Sampling Origin Hanford Site	Purchase Order/Charge Code		
Project Title ISRM NOVEMBER 2008		Ice Chest No.	Temp.	
Shipped To (Lab) Waste Sampling & Characterization	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No.		
Protocol CERCLA	Priority: 24 Hours PRIORITY	Offsite Property No.		

POSSIBLE SAMPLE HAZARDS/REMARKS
 ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL INSTRUCTIONS Hold Time
 FY08 and FY09 samples cannot be in the same SDG.
 200 Area Generator Knowledge Information Form applies.
 Total Activity Exemption: Yes No

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1XLR9	4778	W	11/14/08	1042	1x250-mL aG	7196_CR6: Hexavalent Chromium (1)	24 Hours	Cool-4C
ICED								

Relinquished By FLUOR HANFORD R.F. CARRIGAN	Print <i>R.F. Carrigan</i>	Sign <i>R.F. Carrigan</i>	Date/Time NOV 14 2008	Received By TA ENAZIM	Print <i>TA Enazim</i>	Sign <i>TA Enazim</i>	Date/Time NOV 14 2008	Matrix *
Relinquished By	Date/Time	Received By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time	S = Soil DS = Drum Solid SF = Sediment DI = Drum Liner SO = Solid T = Tissue SL = Sludge WI = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By	Date/Time	Received By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time	
Relinquished By	Date/Time	Received By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time	
Relinquished By	Date/Time	Received By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time	
FINAL SAMPLE DISPOSITION		Disposal Method (e.g., Return to customer, per lab procedure, used in process)			Disposed By		Date/Time	

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CHPRC

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. # **109-009-166**
Page 1 of 1

Collector FLUOR HANFORD R.F. CARRIGAN	Contact/Requester Mike Neely	Telephone No. 509-373-0654	MSIN FAX
SAF No. 109-009	Sampling Origin Hanford Site	Purchase Order/Charge Code	
Project Title ISRM NOVEMBER 2008	HNF-N-506-17	Ice Chest No. 625027	Temp.
Shipped To (Lab) Waste Sampling & Characterization	Method of Shipment Govt. Vehicle	Bill of Lading/Air Bill No.	
Protocol CERCLA	Priority: 24 Hours PRIORITY	Offsite Property No.	

POSSIBLE SAMPLE HAZARDS/REMARKS
 ** ** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL INSTRUCTIONS Hold Time
 FY08 and FY09 samples cannot be in the same SDG.
 200 Area Generator Knowledge Information Form applies.
 Total Activity Exemption: Yes No

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Holding Time	Preservative
B1XLR6	4780	W	11/14/08	0924	1x250-mL aG	7196_CR6: Hexavalent Chromium (1)	24 Hours	Cool-4C
ICED								

Relinquished By FLUOR HANFORD R.F. CARRIGAN	Print <i>R.F. Carrigan</i>	Sign <i>R.F. Carrigan</i>	Date/Time NOV 14 2008	Received By <i>TO PNASM (Lundberg)</i>	Print <i>TO PNASM (Lundberg)</i>	Sign <i>TO PNASM (Lundberg)</i>	Date/Time NOV 14 2008	Matrix *
Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	S = Soil DS = Drum Solid SF = Sediment DI = Drum Liquid SO = Solid T = Tissue SL = Sludge W = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	
Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	
Relinquished By	Print	Sign	Date/Time	Received By	Print	Sign	Date/Time	
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)			Disposed By			Date/Time	

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