

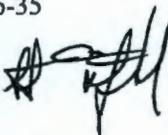
RECEIVED AUGUST 26, 2008

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

FLUOR**Memorandum**

M4W41-SLF-08-883

To: H. Hampt E6-35 Date: August 25, 2008

From: S. L. Fitzgerald, Manager 
 WSCF Analytical Lab

cc: w/Attachments
 T. F. Dale S3-30 J. E. Trechter S3-30
 A. J. Kopriva S3-30 S. J. Trent E6-35
 H. K. Meznarich S3-30 File/LB
 P. D. Mix S3-30

Subject: FINAL RESULTS FOR SAMPLE DELIVERY GROUP WSCF20081759 – SAF NUMBER F08-155

Reference: (1) Groundwater Protection Program-Letter of Instruction, FH-EIS-2003-MEM-001, October 31, 2002
 (2) HNF-SD-CD-QAPP-017, Rev. 9, Waste Sampling & Characterization Facility Quality Assurance Plan

This letter contains the following information for sample delivery group WSCF20081759:

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

SLF/grf

Attachments 4

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ATTACHMENT 1

COVER SHEET

Consisting of 2 pages
Including cover page

WSCF SAF NUMBER CROSS REFERENCE

Group#: WSCF20081759
Data Deliverable Date: 02-sep-2008
Data Deliverable: Cover Sheet

SAF#	Sample ID	WSCF#	Matrix
F08-155	B1WR47	W08GR03381	WATER
	B1WR61	W08GR03382	WATER
	B1WR69	W08GR03379	WATER
	B1WR84	W08GR03380	WATER

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ATTACHMENT 2

NARRATIVE

**Consisting of 3 pages
Including cover page**

Introduction

Four S&GRP samples were received at the WSCF Laboratory on August 15, 2008. These samples were analyzed for the analyte indicated on the attached copy of the chain of custody (COC) form in accordance with the *Groundwater Remediation Program – Letter of Instruction*, 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 Data Summary Report (Attachment 3) 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 4.

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 10, for a complete listing of approved analytical methods.

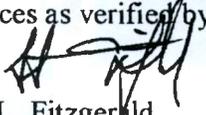
Inorganic Comments

Hexavalent Chromium – The holding time requirements for this analysis were not met. A Sample Duplicate, Matrix Spike, Matrix Spike Duplicate, Blank and Laboratory Control Sample were analyzed with this delivery group per the GRP Letter of Instruction. See page 15 for QC details.

- One sample was received at the lab 1 hour before the holding time was past, one receive ~ 30 minutes prior to the holding time limit and the other two samples were received after the holding time had expired. All Cr+6 analysis was performed after the holding time had expired, however all tests were run within 24 hours of sample receipt at the lab per the client’s direction.
- Sample Duplicate Relative Percent Difference (RPD) was outside acceptance limits due to in homogeneity of the samples analyzed.
- Sample color interfered with the analysis, and required the sample to be diluted to overcome this problem, which contributed to the analytical difficulties encountered with these samples.

All other 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


John E. Trechter
WSCF Client Services

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ATTACHMENT 3

ANALYTICAL RESULTS

Consisting of 10 pages
Including cover page

**WSCF
ANALYTICAL RESULTS REPORT**

for

Groundwater Remediation Program

Richland, WA 99354

Attention: Steve Trent

Analytical:

S. Fitzgerald 8/25/08

Client Services:

John Treaster 8/25/08

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.

Contract#: FH-EIS-2003-MEM-001

Report#: WSCF20081759

Report Date: 19-aug-2008

Report WGPP/ver. 5.2

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Department: Inorganic

W13q Worklist/Batch/QC Report for Group# WSCF20081759

WL#	S#	Batch	QC#	Tray Type	Sample#	Test
37637	2	38069	42428	BLANK		Hexavalent chromium
37637	11	38069	42428	BLANK		Hexavalent chromium
37637	3	38069	42428	LCS		Hexavalent chromium
37637	5	38069	42428	DUP	W08GR03379	Hexavalent chromium
37637	6	38069	42428	MS	W08GR03379	Hexavalent chromium
37637	7	38069	42428	MSD	W08GR03379	Hexavalent chromium
37637	4	38069	42428	SAMPLE	W08GR03379	Hexavalent chromium
37637	7	38069	42428	SPK-RPD	W08GR03379	Hexavalent chromium
37637	8	38069	42428	SAMPLE	W08GR03380	Hexavalent chromium
37637	9	38069	42428	SAMPLE	W08GR03381	Hexavalent chromium
37637	10	38069	42428	SAMPLE	W08GR03382	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: 19-aug-2008
Report#: WSCF20081759
Report WGPPM/5.2

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WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F08-155
Sample # W08GR03379
Client ID: B1WR69

TRENT
WSCF

Matrix: WATER

Group #: WSCF20081759
Department: Inorganic
Sampled: 08/14/08
Received: 08/15/08

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	D	0.0962	mg/L			9.30	0.019		08/15/08

MDL=Minimum Detection Limit D - Analyte was identified at a secondary dilution factor(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

Groundwater Remediation Program

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WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F08-155
Sample # W08GR03380
Client ID: B1WR84

TREN
 WSCF

Matrix: WATER

Group #: WSCF20081759
Department: Inorganic
Sampled: 08/14/08
Received: 08/15/08

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	D	0.0591	mg/L			9.30	0.019		08/15/08

MDL=Minimum Detection Limit D - Analyte was identified at a secondary dilution factor(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

Groundwater Remediation Program

120123

WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F08-155
Sample # W08GR03381
Client ID: B1WR47

TRENT
 WSCF

Matrix: WATER

Group #: WSCF20081759
Department: Inorganic
Sampled: 08/14/08
Received: 08/15/08

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	D	0.158	mg/L			9.30	0.019		08/15/08

MDL=Minimum Detection Limit D - Analyte was identified at a secondary dilution factor(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
 Groundwater Remediation Program

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WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F08-155
Sample # W08GR03382
Client ID: B1WR61

TRENT
WSCF

Matrix: WATER

Group #: WSCF20081759
Department: Inorganic
Sampled: 08/14/08
Received: 08/15/08

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	D	0.170	mg/L			9.30	0.019		08/15/08

MDL = Minimum Detection Limit D - Analyte was identified at a secondary dilution factor(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

Groundwater Remediation Program

140123

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20081759
 Matrix: WATER
 Test: Hexavalent chromium

Sample Date: 08/14/08
 Receive Date: 08/15/08

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W08GR03379											
BATCH QC ASSOCIATED WITH SAMPLE											
DUP	Hexavalent chromium	18540-29-9	0.1209		RPD			22.754	15.000 *		08/15/08
MS	Hexavalent chromium	18540-29-9	0.0545	101.679	% Recov	85.000	115.000				08/15/08
MSD	Hexavalent chromium	18540-29-9	0.0585	109.142	% Recov	85.000	115.000				08/15/08
SPK-RPD	Hexavalent chromium	18540-29-9	109.142		RPD			7.080	20.000		08/15/08
BATCH QC											
BLANK	Hexavalent chromium	18540-29-9	<0.002	n/a	mg/L	0.000	2.000			U	08/15/08
BLANK	Hexavalent chromium	18540-29-9	<0.002	n/a	mg/L	0.000	2.000			U	08/15/08
LCS	Hexavalent chromium	18540-29-9	0.0529	104.980	% Recov	80.000	120.000				08/15/08

WSCF ANALYTICAL COMMENT REPORT

Attention: Steve Trent
Project Number F08-155

Group #: WSCF20081759
Department: Inorganic

Sample #	Client ID	Lab Area	Test	Comment
		VALGROUP		<p>Cr(VI) Samples did not meet the 24hr hold time. The samples were delivered to the lab with 1hr left in the 24hr hold time, which was insufficient considering the extra prep these samples required due to their uncommon nature (dark color/floating solids).</p> <p>Cr(VI) Sample and Duplicate RPD is out-of-limits high. It is suspected that not all solids were removed by centrifuging, and may have caused an artificially high result in the duplicate. The fact that the samples had to be diluted as well to limit color interference multiplied this effect.</p>

Lab Areas: VALGROUP - Group Validation
LOGSAMP - Login for Sample

VALTEST - Test Validation
LOGTEST - Login for Tests

TESTDATA - Test Data Entry

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wgppc/5.2 Report#: WSCF20081759

Report Date: 19-aug-2008

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ATTACHMENT 4

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

08/18/08

td



Groundwater Remediation Program

Richland, WA 99354
Attn: Steve Trent

Customer Code: GPP
PO#: 122616/ES10
Group#: 20081759
Project#: F08-155
Proj Mgr: Steve Trent E6-35
Phone: 373-5869

The following samples were received from you on 08/15/08. 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
W08GR03379	B1WR69	TRENT CR+6	Water	08/14/08
W08GR03380	B1WR84	TRENT CR+6	Water	08/14/08
W08GR03381	B1WR47	TRENT CR+6	Water	08/14/08
W08GR03382	B1WR61	TRENT CR+6	Water	08/14/08

Test Acronym Description

Test Acronym	Description
CR+6	Hexavalent chromium

08/18/08

CHAIN OF CUSTODY / SAMPLE ANALYSIS REQUEST

F08-155-140

PAGE 1 OF 1

COLLECTOR Keri Petritz	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5870	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 1A	DATA TURNAROUND 24 Hours / 15 Days
SAMPLING LOCATION B8976, 1-001	PROJECT DESIGNATION ISRM - Zero Valent Iron Injection Sampling		SAF NO. F08-155	AIR QUALITY <input type="checkbox"/>	
ICE CHEST NO. GRP 03-024	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122616E510	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO Waste Sampling & Characterization 20081759		OFFSITE PROPERTY NO. N/A	BILL OF LADING/AIR BILL NO. N/A		

MATRIX* A=Air DL=Drum L=Liquid DS=Drum S=Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	POSSIBLE SAMPLE HAZARDS/ REMARKS Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	Cool-4C								
		TYPE OF CONTAINER	3G								
		NO. OF CONTAINER(S)	1								
		VOLUME	500mL								
	SPECIAL HANDLING AND/OR STORAGE	N/A	SAMPLE ANALYSIS	Chromium Hex - 7196;							

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME							
B1WR69	W08G R03379 WATER	8/14/08	1333	X						

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM Keri Petritz	RECEIVED BY/STORED IN Fridge 03-024	** All Cr VI analyses will be on a 24 hour turnaround time from receipt at the laboratory. This requires a separate chain of custody for Cr VI only. <input type="checkbox"/> ** Cr VI analysis must be reported within 24 hrs of receipt of samples at the laboratory. <input type="checkbox"/> ** Cr VI Hol
RELINQUISHED BY/REMOVED FROM Fridge - 03-024	RECEIVED BY/STORED IN J. DeWitt	
RELINQUISHED BY/REMOVED FROM J. DeWitt	RECEIVED BY/STORED IN TA F1122	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	

ICED

19 of 23	LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
	FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

COLLECTOR <i>Keri Petrutz</i>		COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5870	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 1A	DATA TURNAROUND 24 Hours / 15 Days
SAMPLING LOCATION B8978, I-001		PROJECT DESIGNATION ISRM - Zero Valent Iron Injection Sampling		SAF NO. F08-155	AIR QUALITY <input type="checkbox"/>	
ICE CHEST NO. <i>GRP-03-024</i>		FIELD LOGBOOK NO. <i>M&E p12</i>	ACTUAL SAMPLE DEPTH	COA 122616ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	

SHIPPED TO Waste Sampling & Characterization	OFFSITE PROPERTY NO. N/A	BILL OF LADING/AIR BILL NO. N/A
---	-----------------------------	------------------------------------

MATRIX* A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	POSSIBLE SAMPLE HAZARDS/ REMARKS Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION Cool-4C																		
		TYPE OF CONTAINER aG																		
		NO. OF CONTAINER(S) 1																		
		VOLUME 500mL																		
	SPECIAL HANDLING AND/OR STORAGE N/A	SAMPLE ANALYSIS Chromium Hex - 7196;																		

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME																
B1WR84	3380 WATER	8/14/08	1354	X															

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/ REMOVED FROM <i>Keri Petrutz</i>	DATE/TIME 8/14/08 1359	RECEIVED BY/ STORED IN <i>1384 Fridge</i>	DATE/TIME 8/14/08 1359
RELINQUISHED BY/ REMOVED FROM <i>0354 Fridge</i>	DATE/TIME 8/15/08 1035	RECEIVED BY/ STORED IN <i>J. Melner</i>	DATE/TIME 8/15/08 1035
RELINQUISHED BY/ REMOVED FROM <i>J. Melner</i>	DATE/TIME 8/15/08 1255	RECEIVED BY/ STORED IN <i>TA #1122 in Lab. J.</i>	DATE/TIME 8/15/08 1255
RELINQUISHED BY/ REMOVED FROM	DATE/TIME	RECEIVED BY/ STORED IN	DATE/TIME
RELINQUISHED BY/ REMOVED FROM	DATE/TIME	RECEIVED BY/ STORED IN	DATE/TIME
RELINQUISHED BY/ REMOVED FROM	DATE/TIME	RECEIVED BY/ STORED IN	DATE/TIME
RELINQUISHED BY/ REMOVED FROM	DATE/TIME	RECEIVED BY/ STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS
 ** All Cr VI analyses will be on a 24 hour turnaround time from receipt at the laboratory. This requires a separate chain of custody for Cr VI only. ** Cr VI analysis must be reported within 24 hrs of receipt of samples at the laboratory. ** Cr VI Hol

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LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

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COLLECTOR
J. Mehrer / Alan Lopez

SAMPLING LOCATION
C4688, I-009

COMPANY CONTACT
TRENT, SJ

PROJECT DESIGNATION
ISRM - Zero Valent Iron Injection Sampling

TELEPHONE NO.
373-5870

ACTUAL SAMPLE DEPTH

PROJECT COORDINATOR
WIDRIG, DL

SAF NO.
F08-155

PRICE CODE 1A

AIR QUALITY

DATA TURNAROUND
24 Hours / 15 Days

ICE CHEST NO.

SHIPPED TO
Waste Sampling & Characterization

FIELD LOGBOOK NO.
MSE 12

OFFSITE PROPERTY NO.
N/A

COA
122616ES10

BILL OF LADING/AIR BILL NO.
N/A

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

MATRIX*
A=Air
DL=Drum
Liquids
DS=Drum
Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE
N/A

PRESERVATION	Cool-4C																			
TYPE OF CONTAINER	gG																			
NO. OF CONTAINER(S)	1																			
VOLUME	500mL																			
SAMPLE ANALYSIS	Chromium Hex - 7196;																			

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME																	
B1WR47 3381	WATER	8/15/00	1200	X																

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
<i>J. Mehrer</i>	<i>8/15/00 1255</i>	<i>TA FRAZIER</i>	<i>8/15/00 1255</i>

SPECIAL INSTRUCTIONS

** All Cr VI analyses will be on a 24 hour turnaround time from receipt at the laboratory. This requires a separate chain of custody for Cr VI only. ** Cr VI analysis must be reported within 24 hrs of receipt of samples at the laboratory. ** Cr VI Hol

ICED

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

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COLLECTOR J. Meher / Adam Logan	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5870	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 1A	DATA TURNAROUND 24 Hours / 15 Days
SAMPLING LOCATION C4689, I-008	PROJECT DESIGNATION ISRM - Zero Valent Iron Injection Sampling		SAF NO. F08-155	AIR QUALITY <input type="checkbox"/>	
ICE CHEST NO.	FIELD LOGBOOK NO. MSE 12	ACTUAL SAMPLE DEPTH	COA 122616E510	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO Waste Sampling & Characterization	OFFSITE PROPERTY NO. N/A	BILL OF LADING/AIR BILL NO. N/A			

MATRIX* A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	POSSIBLE SAMPLE HAZARDS/ REMARKS Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	Cool-4C																	
		TYPE OF CONTAINER	aG																	
		NO. OF CONTAINER(S)	1																	
		VOLUME	500mL																	
SPECIAL HANDLING AND/OR STORAGE N/A		SAMPLE ANALYSIS	Chromium Hex - 7196;																	

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME																
B1WR61	3382 WATER	8/15/08	1200	X															

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS ** All Cr VI analyses will be on a 24 hour turnaround time from receipt at the laboratory. This requires a separate chain of custody for Cr VI only. <input type="checkbox"/> ** Cr VI analysis must be reported within 24 hrs of receipt of samples at the laboratory. <input type="checkbox"/> ** Cr VI Hol
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
J. Meher / Adam Logan	8/15/08 1255	TA ENAZ Im... Feja	8/11/08 1255	

ICED

22 of 23	LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
	FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

Appendix C. Example of Notice of Improper Sample

WASTE SAMPLING AND CHARACTERIZATION FACILITY

NOTICE OF IMPROPER SAMPLE SUBMITTAL

Customer Name: GPP

Sample ID: BIWR69, BIWR84 Date Received: 08-15-08

Project Contact: STEVE TRENT Phone Number: _____

- Sample not iced
- Sample does not pass radiological screening
- Sample not accompanied by a Chain of Custody (COC) or Request for Special Analysis (RSA)
- Improperly completed COC or RSA
- Sample information does not agree with documentation
- Handwriting is illegible
- Sample container broken/leaking
- Sample container not labeled/label unreadable
- Sample received with custody seal broken
- Sample improperly packaged
- Preservatives not used correctly
- Improper sample container for analyses requested
- Insufficient sample quantity for requested analyses
- Holding time extended
- Other (See below)
-
-

Comments:

For information on proper sample submittal procedures, contact WSCF Sample Custodian at 373-7423 or Sample Receiving at 373-7019.

Signature (Print/Sign) TA MAZIERI Date: 8-15-08

Use Type REFERENCE	Document No. LO-090-403	Rev/Mod I-1	Release Date 01/21/2008	Page 19 of 25
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