

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

FLUOR

Memorandum

M4W41-SLF-07-464

To: H. Hampt E6-35 Date: July 16, 2007

From: S. L. Fitzgerald, Manager *[Signature]* SLF
WSCF Analytical Chemistry

cc: w/Attachments

T. F. Dale	S3-30	S. J. Trent	E6-35
H. K. Meznarich	S3-30	D. D. Wright	S3-30
P. D. Mix	S3-30	File/LB	
J. E. Trechter	S3-32		

Subject: FINAL RESULTS FOR SAMPLE DELIVERY GROUP WSCF20071123 – SAF NUMBER F07-003

Reference: (1) Groundwater Protection Program-Letter of Instruction, FH-EIS-2003-MEM-001, October 31, 2002

(2) HNF-SD-CD-QAPP-017, Rev. 8, Waste Sampling & Characterization Facility Quality Assurance Plan

This letter contains the following information for sample delivery group WSCF20071123:

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

SLF/grf

Attachments 4

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M4W41-SLF-07-464

ATTACHMENT 1

COVER SHEET

Consisting of 2 pages
Including cover page

WSCF SAF NUMBER CROSS REFERENCE

Group#: WSCF20071123
Data Deliverable Date: 17-jul-2007
Data Deliverable: Cover Sheet

SAF#	Sample ID	WSCF#	Matrix
F07-003	BINDH0	W07GR01581	SOIL
	BINDH1	W07GR01582	SOIL
	BINDH2	W07GR01583	SOIL
	BINDH3	W07GR01584	SOIL
	BINDH4	W07GR01585	SOIL

M4W41-SLF-07-464

ATTACHMENT 2

NARRATIVE

Consisting of 3 pages
Including cover page

Sample Delivery Group	WSCF20071123
Sample Matrix	Soil
Data Deliverable	Summary Report

Introduction

Five (5) groundwater samples were received at the WSCF Laboratory on July 2, 2007. Samples were analyzed for the analytes 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.

Analytical Methodology for Requested Analyses

Refer to *WSCF Method References Report*, page 10, for a complete listing of approved analytical methods.

Inorganic Comments

ICP-MS Metals – The hold time requirement for this analysis was met. A Matrix Spike, Matrix Spike Duplicate, Blank and Laboratory Control Sample were analyzed with this delivery group per the GRP Letter of Instruction. See page 16 for QC details.

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

Abbreviations

Hg – mercury

IC – ion chromatography

ICP – inductively coupled plasma

ICP/AES – ICP/atomic emission spectroscopy

ICP/MS – ICP/mass spectrometry

Total U – total uranium

AT/TB – total alpha/total beta

AEA – Alpha Energy Analysis

WTPH-G – Total Hydrocarbons-Gasoline

Am – americium

Cm – curium

Pu – plutonium

Np – neptunium

GEA – gamma energy analysis

H3 – Tritium

Sr – Strontium 89, 90

WTPH-D – Total Hydrocarbons-Diesel

TSS – Total Suspended Solids

M4W41-SLF-07-464

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: ADP 7-16-07

Client Services: P.D. Mix 7/16/2007

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#: WSCF20071123
Report Date: 16-jul-2007
Report WGPP/ver. 5.2
Groundwater Remediation Program

W13q Worklist/Batch/QC Report for Group# WSCF20071123

WL#	S#	Batch	QC#	Tray Type	Sample#	Test
32523	1	32914	36979	BLANK		ICP-200.8 MS All possible meta
32523	2	32914	36979	LCS		ICP-200.8 MS All possible meta
32523	4	32914	36979	MS	W07GR01581	ICP-200.8 MS All possible meta
32523	5	32914	36979	MSD	W07GR01581	ICP-200.8 MS All possible meta
32523	3	32914	36979	SAMPLE	W07GR01581	ICP-200.8 MS All possible meta
32523	5	32914	36979	SPK-RPD	W07GR01581	ICP-200.8 MS All possible meta
32523	6	32914	36979	SAMPLE	W07GR01582	ICP-200.8 MS All possible meta
32523	7	32914	36979	SAMPLE	W07GR01583	ICP-200.8 MS All possible meta
32523	8	32914	36979	SAMPLE	W07GR01584	ICP-200.8 MS All possible meta
32523	9	32914	36979	SAMPLE	W07GR01585	ICP-200.8 MS All possible meta

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-505-412	LA-505-412: DETERMINATION OF TRACE ELEMENTS IN WATERS AND WASTES BY INDUCTIVELY
	EPA-600/R-94-111 200.8 DETERMINATION OF TRACE ELEMENTS IN WATERS AND WASTES BY INDUCTIVELY COUPLED PLAS
	HEIS 200.8_METALS_ICPMS Inductively Coupled Plasma - Mass Spectrometry

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: 16-jul-2007
Report#: WSCF20071123
Report WGPPM/5.2

WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-003
Sample # W07GR01581
Client ID: B1NDH0

GRP TRENT
WSCF

Matrix: SOIL

Group #: WSCF20071123
Department: Inorganic
Sampled: 07/02/07
Received: 07/02/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
ICP-200.8 MS All possible meta Prep											07/11/07
ICP-200.8 MS All possible meta											
Chromium	7440-47-3	LA-505-412		3.67	mg/kg			1.00	0.499		07/12/07

MDL=Minimum Detection Limit
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

WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-003
Sample # W07GR01582
Client ID: BINDH1

GRP TRENT
WSCF

Matrix: SOIL

Group #: WSCF20071123
Department: Inorganic
Sampled: 07/02/07
Received: 07/02/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
ICP-200.8 MS All possible meta Prep											07/11/07
ICP-200.8 MS All possible meta											
Chromium	7440-47-3	LA-505-412		4.32	mg/kg			1.00	0.500		07/12/07

MDL = Minimum Detection Limit

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

WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-003
Sample # W07GR01583
Client ID: B1NDH2

GRP TRENT
WSCF

Matrix: SOIL

Group #: WSCF20071123
Department: Inorganic
Sampled: 07/02/07
Received: 07/02/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
ICP-200.8 MS All possible meta Prep											07/11/07
ICP-200.8 MS All possible meta											
Chromium	7440-47-3	LA-505-412		5.33	mg/kg			0.97	0.484		07/12/07

MDL = Minimum Detection Limit
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

WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-003
Sample # W07GR01585
Client ID: B1NDH4

GRP TRENT
WSCF

Matrix: SOIL

Group #: WSCF20071123
Department: Inorganic
Sampled: 07/02/07
Received: 07/02/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
ICP-200.8 MS All possible meta Prep											07/11/07
ICP-200.8 MS All possible meta											
Chromium	7440-47-3	LA-505-412		3.46	mg/kg			1.00	0.501		07/12/07

MDL = Minimum Detection Limit

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

15 OF 23

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20071123
 Matrix: SOLID
 Test: ICP-200.8 MS All possible meta

Sample Date: 07/02/07
 Receive Date: 07/02/07

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W07GR01581											
BATCH QC ASSOCIATED WITH SAMPLE											
MS	Chromium	7440-47-3	189.234	94.617	% Recov	70.000	130.000				07/12/07
MSD	Chromium	7440-47-3	191.534	95.767	% Recov	70.000	130.000				07/12/07
SPK-RPD	Chromium	7440-47-3	95.767		RPD			1.208	20.000		07/12/07
BATCH QC											
BLANK	Chromium	7440-47-3	<0.5	n/a	ug/L					U	07/12/07
LCS	Chromium	7440-47-3	75.33	108.388	% Recov	77.000	125.000				07/12/07

M4W41-SLF-07-464

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
✓
7/17/07*

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Groundwater Remediation Program

Richland, WA 99354
Attn: Steve Trent

Customer Code: GPP
PO#: 122530/ES10
Group#: 20071123
Project#: F07-003
Proj Mgr: Steve Trent G6-35
Phone: 373-5869

The following samples were received from you on 07/02/07. 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
W07GR01581	B1NDH0	GRP @2008	TRENT Solid, or handle as if solid	07/02/07
W07GR01582	B1NDH1	GRP @2008	TRENT Solid, or handle as if solid	07/02/07
W07GR01583	B1NDH2	GRP @2008	TRENT Solid, or handle as if solid	07/02/07
W07GR01584	B1NDH3	GRP @2008	TRENT Solid, or handle as if solid	07/02/07
W07GR01585	B1NDH4	GRP @2008	TRENT Solid, or handle as if solid	07/02/07

Test Acronym Description

Test Acronym	Description
@2008	ICP-200.8 MS All possible meta

COLLECTOR Pope/Pfister/Hughes/Wise	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8K	DATA TURNAROUND 15 Days / 45 Days
SAMPLING LOCATION CS112 <i>KW6-06-061</i>	PROJECT DESIGNATION 100-KW Pump & Treat - Waste Management		SAF NO. F07-003	AIR QUALITY <input type="checkbox"/>	
ICE CHEST NO.	FIELD LOGBOOK NO. HNF-N-576-1	COA 122530ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO Waste Sampling & Characterization	OFFSITE PROPERTY NO.		BILL OF LADING/AIR BILL NO.		

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 are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	None
		TYPE OF CONTAINER	G/P
		NO. OF CONTAINER(S)	1
		VOLUME	120mL
SPECIAL HANDLING AND/OR STORAGE Sample should be collected at ~ 81 ft bgs <i>20071123</i>	SAMPLE ANALYSIS	ICP/MS - 200.8 (TAL) (Chromium)	

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1NDHO: <i>N 076201581</i>	SOIL	<i>1-2-07</i>	<i>0950</i>	<i>1</i>

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
<i>R. P. FISHER / WJ</i>	<i>7/2/07 1330</i>	<i>TA GUARIZIA</i>	<i>7/2/07 1330</i>	
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	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

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

19 of 23

COLLECTOR Pope/Pfister/Hughes/Wise		COMPANY CONTACT TRENT, SJ		TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE BK	DATA TURNAROUND 15 Days / 45 Days
SAMPLING LOCATION CS113 <i>KW6-06-002</i>		PROJECT DESIGNATION 100-KW Pump & Treat - Waste Management		SAF NO. F07-003		AIR QUALITY <input type="checkbox"/>	
ICE CHEST NO.		FIELD LOGBOOK NO. HNF-N-576-1	COA 122530ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE			
SHIPPED TO Waste Sampling & Characterization		OFFSITE PROPERTY NO.		BILL OF LADING/AIR BILL NO.			
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 are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	None				
		TYPE OF CONTAINER	G/P				
		NO. OF CONTAINER(S)	1				
	SPECIAL HANDLING AND/OR STORAGE Sample should be collected at ~ 53 ft bgs	VOLUME	120mL				
		SAMPLE ANALYSIS	ICP/MS - 200.8 (TAL) (Chromium)				

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1NDH1	1582 SOIL	7-2-07	0955 /

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
<i>R. PASTOR</i>	<i>7/2/07 1330</i>	<i>T. FRAZIER</i>	<i>7/2/07 1330</i>	
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	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

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

20 of 23

COLLECTOR Pope/Pfister/Hughes/Wise	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8K	DATA TURNAROUND 15 Days / 45 Days
SAMPLING LOCATION C5114 <i>KW6-06-02P</i>	PROJECT DESIGNATION 100-KW Pump & Treat - Waste Management		SAF NO. F07-003	AIR QUALITY <input type="checkbox"/>	
ICE CHEST NO.	FIELD LOGBOOK NO. HNF-N-576-1	COA 122530ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO Waste Sampling & Characterization	OFFSITE PROPERTY NO.		BILL OF LADING/AIR BILL NO.		

MATRIX* A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WT=Wipe X=Other	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)	PRESERVATION	None							
		TYPE OF CONTAINER	G/P							
		NO. OF CONTAINER(S)	1							
		VOLUME	120mL							
		SPECIAL HANDLING AND/OR STORAGE	Sample should be collected at ~ 79 ft bgs	SAMPLE ANALYSIS	ICP/MS - 200.8 (TAL) (Chromium)					

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME						
B1NDH2	1593 SOIL	7-2-07	1000	✓					

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
<i>R. Pfister</i>	<i>7/2/07 1330</i>	<i>TA FRASIER</i>	<i>7/2/07 1330</i>		
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		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		

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

21 of 23

COLLECTOR Pope/Pfister/Hughes/Wise	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE BK	DATA TURNAROUND 15 Days / 45 Days
SAMPLING LOCATION CS115 <i>KWC-06-038</i>	PROJECT DESIGNATION 100-KW Pump & Treat - Waste Management		SAF NO. F07-003	AIR QUALITY	
ICE CHEST NO.	FIELD LOGBOOK NO. HNF-N-576-1	COA 122530E510	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO Waste Sampling & Characterization	OFFSITE PROPERTY NO.		BILL OF LADING/AIR BILL NO.		

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 are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	None							
		TYPE OF CONTAINER	G/P							
		NO. OF CONTAINER(S)	1							
		VOLUME	120ml							
	SPECIAL HANDLING AND/OR STORAGE Sample should be collected at ~ 79 ft bgs	SAMPLE ANALYSIS	ICP/MS - 200.8 (TAL) (Chromium)							

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME						
B1NDH3	1584 SOIL	7-2-07	1205						

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
<i>121A BTR 2/11/07</i>	<i>7/2/07 1330</i>	<i>TA FRAZIER Jones</i>	<i>7/2/07 1330</i>		
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		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		

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

22 of 23

COLLECTOR Popa/Pfister/Hughes/Wise	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8K	DATA TURNAROUND 15 Days / 45 Days
SAMPLING LOCATION CS484 KW607-003	PROJECT DESIGNATION 100-KW Pump & Treat - Waste Management		SAF NO. F07-003	AIR QUALITY <input type="checkbox"/>	
ICE CHEST NO.	FIELD LOGBOOK NO. HNF-N-576-1	COA 122530ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO Waste Sampling & Characterization	OFFSITE PROPERTY NO.		BILL OF LADING/AIR BILL NO.		

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 are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5400.5 (1990/1993)	PRESERVATION	None							
		TYPE OF CONTAINER	G/P							
		NO. OF CONTAINER(S)	1							
		VOLUME	120mL							
		SPECIAL HANDLING AND/OR STORAGE	Sample should be collected at ~ 87 ft bgs	SAMPLE ANALYSIS	ICP/MS - 200.8 (TAL) (Chromium)					

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME						
B1NDH4	1585 SOIL	7-2-07	1035	✓					

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
R. PFISTER / [Signature]	7/2/07 1330	TA FRAZIER [Signature]	7/2/07 1330	
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	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

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

23 of 23