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Memorandum

M4W41-SLF-07-288

To:	S. J. Trent	E6-35	Date:	May 16, 2007
From:	S. L. Fitzgerald, Manager WSCF Analytical Chemistry			
cc:	w/Attachments			
	T. F. Dale	S3-30	J. E. Trechter	S3-30
	H. K. Meznarich	S3-30	D. D. Wright	S3-30
	P. D. Mix	S3-30	File/LB	

Subject: FINAL RESULTS FOR UR-1 OPERABLE UNIT AUGER & SURFICIAL SOIL SAMPLES – SAMPLE DELIVERY GROUP WSCF20070613 - SAF NUMBER F07-029

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 WSCF20070613:

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

SLF/grf

Attachments 4

MAY 2007
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JUL 30 2007
EDMC

M4W41-SLF-07-288

ATTACHMENT 1

COVER SHEET

Consisting of 2 pages
Including cover page

WSCF SAF NUMBER CROSS REFERENCE

Group#: WSCF20070613
Data Deliverable Date: 10-may-2007
Data Deliverable: Cover Sheet

SAF#	Sample ID	WSCF#	Matrix
F07-029	B1MRV6	W07GR00710	SOIL
	B1MRV7	W07GR00715	SOIL
	B1MRV8	W07GR00711	SOIL
	B1MRW3	W07GR00703	SOIL
	B1MRW4	W07GR00704	SOIL
	B1MRW5	W07GR00705	SOIL
	B1MRX8	W07GR00712	SOIL
	B1MRX9	W07GR00713	SOIL
	B1MRY4	W07GR00716	SOIL
	B1MRY5	W07GR00714	SOIL
	B1MTJ0	W07GR00696	SOIL
	B1MTJ1	W07GR00697	SOIL
	B1MTJ2	W07GR00698	SOIL
	B1MTJ9	W07GR00706	SOIL
	B1MTK0	W07GR00707	SOIL
	B1MTK1	W07GR00708	SOIL
	B1MTK2	W07GR00709	SOIL
	B1MTK9	W07GR00699	SOIL
	B1MTL0	W07GR00700	SOIL
	B1MTL1	W07GR00701	SOIL
	B1MTL2	W07GR00702	SOIL

M4W41-SLF-07-288

ATTACHMENT 2

NARRATIVE

Consisting of 4 pages
Including cover page

Sample Delivery Group	**WSCF20070613**
Sample Matrix	**Soil**
Sample Visual	**N/A**
SAF Number	**F07-029**
Data Deliverable	**Summary Report**

Introduction

Twenty one (21) UR-1 Operable Unit Auger and Surficial soil samples were received at the WSCF Laboratory on April 11, 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. Copies of the sample receipt and chain of custody documentation are included as Attachment 4.

Analytical Methodology for Requested Analyses

Refer to *WSCF Method References Report,* pages 14 through 16, for a complete listing of approved analytical methods.

Inorganic Comments

Anions – The hold times requirements were met. A Duplicate, Matrix Spike, Matrix Spike Duplicate, Blank and Laboratory Control Sample were analyzed with this delivery group per GRP Letter of Instruction. See page 21 for QC details. Analytical Notes:

- Preparation Date: 19-apr-2007
- Analysis Date: 19-apr-2007
- Sample results were D flagged (50X dilution).
- Duplicate, Matrix Spike and Matrix Spike Duplicate were analyzed on samples B1MRX0 (SDG# 20070491, SAF# F07-029)

All QC controls are within the established limits.

ICP-AES 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 GRP Letter of Instruction. See page 22 for QC details. Analytical Notes:

- Preparation Date: 17-apr-2007.

- Sample results for Boron were E flagged due to Iron interference yielding positive Boron results.

- Lithium – Laboratory Control Sample recovery slightly exceeded established laboratory limits.

All other QC controls are within the established limits.

ICP-MS Metals – The hold time 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 pages 23 through 26 for QC details. Analytical Notes:

- Preparation Date: 16-apr-2007.

- Samples were analyzed on April 17, 2007. However, Selenium was impacted by Krypton and samples were re-analyzed for Selenium on April 18, 2007.

- Thallium – Laboratory Control Sample recovery slightly less than established laboratory limits.

- Copper contamination detected in the Blank was evaluated and there was no affect on sample results.

All other QC controls are within the established limits.

Percent Solids – analyzed for organic moisture correction.

Organic Comments

- Sample results are moisture corrected and reported on dry weight basis.

PCBs – The hold time for sample extraction was not met. See specific dates below. A Matrix Spike, Matrix Spike Duplicate, Blank and Laboratory Control Sample were analyzed with this delivery group per the GRP Letter of Instruction. See pages 30 through 31 for QC details. Analytical Notes:

- Sample Date(s): 20-mar-2007 through 26-mar-2007.

- Sample Delivery to WSCF: 11-apr-2007.

- Preparation Date: 17-apr-2007.

- Analysis Date: 19-apr-2007.

All QC controls are within the established limits.

Radiochemistry Comments

Rad Chem – There are no hold times associated with WSCF's radiochemical methods. A Blank, Duplicate and a Laboratory Control Sample were analyzed with this delivery group. See pages 75 through 79 for QC details.

All QC controls are within established laboratory limits.

This Summary Report is in compliance with the SOW, both technically and for completeness. Release of the data contained in this hard copy report has been authorized by the WSCF Laboratory Analytical Manager and Client Services, as verified by the following signature.

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-07-288

ATTACHMENT 3

ANALYTICAL RESULTS

Consisting of 72 pages
Including cover page

WSCF
ANALYTICAL RESULTS REPORT

for

Groundwater Remediation Program

Richland, WA 99354

Attention: Steve Trent

Analytical: S. Fitzgerald 5/16/07

Client Services: P.D. Min 5/16/2007

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#: WSCF20070613
Report Date: 15-may-2007
Report WGPP/ver. 5.2
Groundwater Remediation Program

w13qlog v4.2 15-may-2007 08:52:44

Department: Inorganic

W13q Worklist/Batch/QC Report for Group# WSCF20070613

WL#	S#	Batch	QC#	Tray Type	Sample#	Test
				SAMPLE	W07GR00715	Percent Solids
				SAMPLE	W07GR00716	Percent Solids
31571	1	31950	36032	BLANK		ICP-200.8 MS All possible meta
31571	2	31950	36032	LCS		ICP-200.8 MS All possible meta
31571	4	31950	36032	MS	W07GR00715	ICP-200.8 MS All possible meta
31571	5	31950	36032	MSD	W07GR00715	ICP-200.8 MS All possible meta
31571	3	31950	36032	SAMPLE	W07GR00715	ICP-200.8 MS All possible meta
31571	5	31950	36032	SPK-RPD	W07GR00715	ICP-200.8 MS All possible meta
31571	6	31950	36032	SAMPLE	W07GR00716	ICP-200.8 MS All possible meta
31621	2	31999	36068	BLANK		Anions by Ion Chromatography
31621	11	31999	36068	BLANK		Anions by Ion Chromatography
31621	3	31999	36068	LCS		Anions by Ion Chromatography
31621	5	31999	36068	DUP	W07GR00499	Anions by Ion Chromatography
31621	6	31999	36068	MS	W07GR00499	Anions by Ion Chromatography
31621	7	31999	36068	MSD	W07GR00499	Anions by Ion Chromatography
31621	7	31999	36068	SPK-RPD	W07GR00499	Anions by Ion Chromatography
31621	8	31999	36068	SAMPLE	W07GR00715	Anions by Ion Chromatography
31621	9	31999	36068	SAMPLE	W07GR00716	Anions by Ion Chromatography
31569	1	31948	36098	BLANK		ICP Metals Analysis, Grd H20 P
31569	2	31948	36098	LCS		ICP Metals Analysis, Grd H20 P
31569	4	31948	36098	MS	W07GR00715	ICP Metals Analysis, Grd H20 P
31569	5	31948	36098	MSD	W07GR00715	ICP Metals Analysis, Grd H20 P
31569	3	31948	36098	SAMPLE	W07GR00715	ICP Metals Analysis, Grd H20 P
31569	5	31948	36098	SPK-RPD	W07GR00715	ICP Metals Analysis, Grd H20 P
31569	6	31948	36098	SAMPLE	W07GR00716	ICP Metals Analysis, Grd H20 P

w13qlog v4.2 15-may-2007 08:52:44

Department: Organic

W13q Worklist/Batch/QC Report for Group# WSCF20070613

WL#	S#	Batch	QC#	Tray Type	Sample#	Test
			36083	BLANK		PCBs complete list
			36083	LCS		PCBs complete list
			36083	MS	W07GR00715	PCBs complete list
			36083	MSD	W07GR00715	PCBs complete list
			36083	SAMPLE	W07GR00715	PCBs complete list
			36083	SPK-RPD	W07GR00715	PCBs complete list
			36083	SURR	W07GR00715	PCBs complete list
			36083	SAMPLE	W07GR00716	PCBs complete list
			36083	SURR	W07GR00716	PCBs complete list

w13qlog v4.2 15-may-2007 08:52:44

Department: Radiochemistry

W13q Worklist/Batch/QC Report for Group# WSCF20070613

WL#	S#	Batch	QC#	Tray Type	Sample#	Test
31526	1	32054	36132	BLANK		Gamma Energy Analysis-grd H2O
31526	2	32054	36132	LCS		Gamma Energy Analysis-grd H2O
31526	3	32054	36132	DUP	W07GR00696	Gamma Energy Analysis-grd H2O
31526	4	32054	36132	SAMPLE	W07GR00696	Gamma Energy Analysis-grd H2O
31526	5	32054	36132	SAMPLE	W07GR00697	Gamma Energy Analysis-grd H2O
31526	6	32054	36132	SAMPLE	W07GR00698	Gamma Energy Analysis-grd H2O
31526	7	32054	36132	SAMPLE	W07GR00699	Gamma Energy Analysis-grd H2O
31526	8	32054	36132	SAMPLE	W07GR00700	Gamma Energy Analysis-grd H2O
31526	9	32054	36132	SAMPLE	W07GR00701	Gamma Energy Analysis-grd H2O
31526	10	32054	36132	SAMPLE	W07GR00702	Gamma Energy Analysis-grd H2O
31526	11	32054	36132	SAMPLE	W07GR00703	Gamma Energy Analysis-grd H2O
31526	12	32054	36132	SAMPLE	W07GR00704	Gamma Energy Analysis-grd H2O
31526	13	32054	36132	SAMPLE	W07GR00705	Gamma Energy Analysis-grd H2O
31526	14	32054	36132	SAMPLE	W07GR00706	Gamma Energy Analysis-grd H2O
31526	15	32054	36132	SAMPLE	W07GR00707	Gamma Energy Analysis-grd H2O
31526	16	32054	36132	SAMPLE	W07GR00708	Gamma Energy Analysis-grd H2O
31526	17	32054	36132	SAMPLE	W07GR00709	Gamma Energy Analysis-grd H2O
31526	18	32054	36132	SAMPLE	W07GR00710	Gamma Energy Analysis-grd H2O
31526	19	32054	36132	SAMPLE	W07GR00711	Gamma Energy Analysis-grd H2O
31526	20	32054	36132	SAMPLE	W07GR00712	Gamma Energy Analysis-grd H2O
31526	21	32054	36132	SAMPLE	W07GR00713	Gamma Energy Analysis-grd H2O
31526	22	32054	36132	SAMPLE	W07GR00714	Gamma Energy Analysis-grd H2O
31526	23	32054	36132	SAMPLE	W07GR00715	Gamma Energy Analysis-grd H2O
31526	24	32054	36132	SAMPLE	W07GR00716	Gamma Energy Analysis-grd H2O
31636	1	32015	36153	BLANK		Strontium 89/90
31636	2	32015	36153	LCS		Strontium 89/90
31636	3	32015	36153	DUP	W07GR00714	Strontium 89/90
31636	4	32015	36153	SAMPLE	W07GR00714	Strontium 89/90
31636	5	32015	36153	SURR	W07GR00714	Strontium 89/90
31636	6	32015	36153	SAMPLE	W07GR00715	Strontium 89/90
31636	7	32015	36153	SURR	W07GR00715	Strontium 89/90
31636	8	32015	36153	SAMPLE	W07GR00716	Strontium 89/90
31636	9	32015	36153	SURR	W07GR00716	Strontium 89/90
31609	1	31986	36216	BLANK		Strontium 89/90
31609	2	31986	36216	LCS		Strontium 89/90
31609	3	31986	36216	DUP	W07GR00708	Strontium 89/90
31609	4	31986	36216	SAMPLE	W07GR00708	Strontium 89/90
31609	5	31986	36216	SURR	W07GR00708	Strontium 89/90
31609	6	31986	36216	SAMPLE	W07GR00709	Strontium 89/90
31609	7	31986	36216	SURR	W07GR00709	Strontium 89/90
31609	8	31986	36216	SAMPLE	W07GR00710	Strontium 89/90
31609	9	31986	36216	SURR	W07GR00710	Strontium 89/90
31609	10	31986	36216	SAMPLE	W07GR00711	Strontium 89/90
31609	11	31986	36216	SURR	W07GR00711	Strontium 89/90
31609	12	31986	36216	SAMPLE	W07GR00712	Strontium 89/90
31609	13	31986	36216	SURR	W07GR00712	Strontium 89/90
31609	14	31986	36216	SAMPLE	W07GR00713	Strontium 89/90
31609	15	31986	36216	SURR	W07GR00713	Strontium 89/90
31577	1	31955	36248	BLANK		Strontium 89/90

31577	2	31955	36248	LCS		Strontium 89/90
31577	3	31955	36248	DUP	W07GR00696	Strontium 89/90
31577	4	31955	36248	SAMPLE	W07GR00696	Strontium 89/90
31577	5	31955	36248	SURR	W07GR00696	Strontium 89/90
31577	6	31955	36248	SAMPLE	W07GR00697	Strontium 89/90
31577	7	31955	36248	SURR	W07GR00697	Strontium 89/90
31577	8	31955	36248	SAMPLE	W07GR00698	Strontium 89/90
31577	9	31955	36248	SURR	W07GR00698	Strontium 89/90
31577	10	31955	36248	SAMPLE	W07GR00699	Strontium 89/90
31577	11	31955	36248	SURR	W07GR00699	Strontium 89/90
31577	12	31955	36248	SAMPLE	W07GR00700	Strontium 89/90
31577	13	31955	36248	SURR	W07GR00700	Strontium 89/90
31577	14	31955	36248	SAMPLE	W07GR00701	Strontium 89/90
31577	15	31955	36248	SURR	W07GR00701	Strontium 89/90
31605	1	31982	36249	BLANK		Strontium 89/90
31605	2	31982	36249	LCS		Strontium 89/90
31605	3	31982	36249	DUP	W07GR00702	Strontium 89/90
31605	4	31982	36249	SAMPLE	W07GR00702	Strontium 89/90
31605	5	31982	36249	SURR	W07GR00702	Strontium 89/90
31605	6	31982	36249	SAMPLE	W07GR00703	Strontium 89/90
31605	7	31982	36249	SURR	W07GR00703	Strontium 89/90
31605	8	31982	36249	SAMPLE	W07GR00704	Strontium 89/90
31605	9	31982	36249	SURR	W07GR00704	Strontium 89/90
31605	10	31982	36249	SAMPLE	W07GR00705	Strontium 89/90
31605	11	31982	36249	SURR	W07GR00705	Strontium 89/90
31605	12	31982	36249	SAMPLE	W07GR00706	Strontium 89/90
31605	13	31982	36249	SURR	W07GR00706	Strontium 89/90
31605	14	31982	36249	SAMPLE	W07GR00707	Strontium 89/90
31605	15	31982	36249	SURR	W07GR00707	Strontium 89/90

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-505-411	LA-505-411: ELEMENTAL ANALYSIS BY INDUCTIVELY COUPLED PLASMA ATOMIC EMISSION SPE	
	HEIS 6010_METALS_ICP	Inductively Coupled Plasma-Atomic Emmision Spectrometry
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
LA-519-412	LA-519-412: TOTAL RESIDUE/% SOLIDS DRIED AT 103 - 105 C	
	EPA-600/4-79-020 160.1	Resisual, Filterable
	EPA-600/4-79-020 160.3	RESIDUE, TOTAL
	HEIS 160.1_TDS	Residual, Filterable
	Standard Methods 2540B	Total Solids Dried at 103-105 C
LA-533-410	LA-533-410: ANION ANALYSIS BY ION CHROMATOGRAPHY	
	EPA-600/R-94-111 300.0	DETERMINATION OF INORGANIC ANIONS BY ION CHROMATOGRAPHY
	HEIS 300.0_ANIONS_IC	Determination of Inorganic Anions by Ion Chromatography

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.

WSCF
METHOD REFERENCES REPORT

Department: Organic

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-523-427	LA-523-427: POLYCHLORINATED BIPHENYLS (PCBs) BY GAS CHROMATOGRAPHY	
	EPA SW-846 3510C	SEPARATORY FUNNEL LIQUID-LIQUID EXTRACTION
	EPA SW-846 3545	PRESSURIZED FLUID EXTRACTION (PFE)
	EPA SW-846 3665A	SULFURIC ACID/PERMANGANATE CLEANUP
	EPA SW-846 8000B	DETERMINATIVE CHROMATOGRAPHIC SEPARATIONS
	EPA SW-846 8082A	POLYCHLORINATED BIPHENYLS (PCBs) BY GAS CHROMATOGRAPHY
	HEIS 8082_PCB_GC	Polychlorinated Biphenyls (PCBs) by Gas Chromatography

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.

WSCF
METHOD REFERENCES REPORT

Department: Radiochemistry

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-508-415 LA-508-415: OPERATION OF THE PROTEAN 2-INCH ALPHA/BETA COUNTING SYSTEM FOR GROSS

HEIS	**ALPHA_GPC**	GROSS ALPHA GPC
HEIS	**BETA_GPC**	GROSS BETA GPC
HEIS	**SRTOT_SEP_PRECIP_GP**	Strontium 89/90

LA-508-481 LA-508-481: GAMMA ENERGY ANALYSIS USING PROCOUNT SOFTWARE

HEIS	**GAMMA_GS**	Gamma Emmision 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.

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00715
Client ID: B1MRV7 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Inorganic
Sampled: 03/26/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**04/19/07**
Anions by Ion Chromatography											
Fluoride	16984-48-8	LA-533-410	DU	< 2.00	mg/kg			50.00	2.0		04/19/07
Chloride	16887-00-6	LA-533-410	DU	< 1.70	mg/kg			50.00	1.7		04/19/07
Sulfate	14808-79-8	LA-533-410	DU	< 6.50	mg/kg			50.00	6.5		04/19/07
ICP Metals Analysis, Grd H20 P Prep											**04/17/07**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		6.89	mg/kg			98.91	0.40		04/18/07
Boron	7440-42-8	LA-505-411	E	7.51	mg/kg			98.91	0.79		04/18/07
ICP-200.8 MS All possible meta Prep											**04/16/07**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412		312	mg/kg			1.00	0.100		04/17/07
Nickel	7440-02-0	LA-505-412		8.60	mg/kg			1.00	0.200		04/17/07
Silver	7440-22-4	LA-505-412	U	< 0.100	mg/kg			1.00	0.100		04/17/07
Antimony	7440-36-0	LA-505-412	U	< 0.300	mg/kg			1.00	0.300		04/17/07
Barium	7440-39-3	LA-505-412		81.3	mg/kg			1.00	0.200		04/17/07
Beryllium	7440-41-7	LA-505-412		0.257	mg/kg			1.00	0.0500		04/17/07
Cadmium	7440-43-9	LA-505-412		0.102	mg/kg			1.00	0.100		04/17/07
Chromium	7440-47-3	LA-505-412		6.68	mg/kg			1.00	0.500		04/17/07
Cobalt	7440-48-4	LA-505-412		7.12	mg/kg			1.00	0.0500		04/17/07
Copper	7440-50-8	LA-505-412		10.1	mg/kg			1.00	0.100		04/17/07
Vanadium	7440-62-2	LA-505-412		42.8	mg/kg			1.00	0.200		04/17/07
Zinc	7440-66-6	LA-505-412		38.1	mg/kg			1.00	0.801		04/17/07
Lead	7439-92-1	LA 505-412		3.85	mg/kg			1.00	0.100		04/17/07
Mercury	7439-97-8	LA-505-412	U	< 0.0500	mg/kg			1.00	0.0500		04/17/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
TP Err=Total Propagated Error
DF=Dilution Factor

D - Analyte was identified at a secondary dilution factor(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)

E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria.(org)

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00715
Client ID: B1MRV7 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Inorganic
Sampled: 03/26/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Molybdenum	7439-98-7	LA-505-412		0.249	mg/kg			1.00	0.0500		04/17/07
Uranium	7440-61-1	LA-505-412		0.285	mg/kg			1.00	0.0500		04/17/07
Arsenic	7440-38-2	LA-505-412		2.42	mg/kg			1.00	0.400		04/17/07
Selenium	7782-49-2	LA-505-412	U	< 0.300	mg/kg			1.00	0.300		04/18/07
Thallium	7440-28-0	LA-505-412	U	< 0.100	mg/kg			1.00	0.100		04/17/07
Tin	7440-31-5	LA-505-412		0.300	mg/kg			1.00	0.0500		04/17/07
Total solids											
Total solids	TS	LA-519-412		96.0	Percent			1.00	0.0		04/17/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
TP Err=Total Propagated Error
DF=Dilution Factor

D - Analyte was identified at a secondary dilution factor(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)

E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria.(org)

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00716
Client ID: B1MRY4 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Inorganic
Sampled: 03/22/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**04/19/07**
Anions by Ion Chromatography											
Fluoride	16984-48-8	LA-533-410	DU	< 2.00	mg/kg			50.00	2.0		04/19/07
Chloride	16887-00-6	LA-533-410	DU	< 1.70	mg/kg			50.00	1.7		04/19/07
Sulfate	14808-79-8	LA-533-410	DU	< 6.50	mg/kg			50.00	6.5		04/19/07
ICP Metals Analysis, Grd H20 P Prep											**04/17/07**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		7.44	mg/kg			98.91	0.40		04/18/07
Boron	7440-42-8	LA-505-411	E	6.10	mg/kg			98.91	0.79		04/18/07
ICP-200.8 MS All possible meta Prep											**04/16/07**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412		292	mg/kg			1.00	0.100		04/17/07
Nickel	7440-02-0	LA-505-412		8.07	mg/kg			1.00	0.201		04/17/07
Silver	7440-22-4	LA-505-412	U	< 0.100	mg/kg			1.00	0.100		04/17/07
Antimony	7440-36-0	LA-505-412	U	< 0.302	mg/kg			1.00	0.301		04/17/07
Barium	7440-39-3	LA-505-412		77.2	mg/kg			1.00	0.201		04/17/07
Beryllium	7440-41-7	LA-505-412		0.329	mg/kg			1.00	0.0502		04/17/07
Cadmium	7440-43-9	LA-505-412		0.189	mg/kg			1.00	0.100		04/17/07
Chromium	7440-47-3	LA-505-412		6.12	mg/kg			1.00	0.502		04/17/07
Cobalt	7440-48-4	LA-505-412		7.11	mg/kg			1.00	0.0502		04/17/07
Copper	7440-50-8	LA-505-412		9.98	mg/kg			1.00	0.100		04/17/07
Vanadium	7440-62-2	LA-505-412		45.0	mg/kg			1.00	0.201		04/17/07
Zinc	7440-66-6	LA-505-412		38.3	mg/kg			1.00	0.804		04/17/07
Lead	7439-92-1	LA-505-412		4.01	mg/kg			1.00	0.100		04/17/07
Mercury	7439-97-6	LA-505-412	U	< 0.0502	mg/kg			1.00	0.0502		04/17/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
TP Err=Total Propagated Error
DF=Dilution Factor

D - Analyte was identified at a secondary dilution factor(inorg)
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* - Indicates results that have NOT been validated; + - Indicates more than six qualifier symbols

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00716
Client ID: B1MRY4 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Inorganic
Sampled: 03/22/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Molybdenum	7439-98-7	LA-505-412		0.532	mg/kg			1.00	0.0502		04/17/07
Uranium	7440-61-1	LA-505-412		0.380	mg/kg			1.00	0.0502		04/17/07
Arsenic	7440-38-2	LA-505-412		1.99	mg/kg			1.00	0.402		04/17/07
Selenium	7782-49-2	LA-505-412	U	< 0.302	mg/kg			1.00	0.301		04/18/07
Thallium	7440-28-0	LA-505-412		0.592	mg/kg			1.00	0.100		04/17/07
Tin	7440-31-5	LA-505-412		0.380	mg/kg			1.00	0.0502		04/17/07
Total solids											
Total solids	TS	LA-519-412		95.8	Percent			1.00	0.0		04/17/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
TP Err=Total Propagated Error
DF=Dilution Factor

D - Analyte was identified at a secondary dilution factor(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)

E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria.(org)

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

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20070613
Matrix: SOLID
Test: Anions by Ion Chromatography

Sample Date: 03/15/07
Receive Date:03/22/07

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W07GR00499											
BATCH QC ASSOCIATED WITH SAMPLE											
DUP	Chloride	16887-00-6	<1.666		RPD			n/a	20.000	U	04/19/07
DUP	Fluoride	16984-48-8	<1.96		RPD			n/a	20.000	U	04/19/07
DUP	Sulfate	14808-79-8	<6.37		RPD			n/a	20.000	U	04/19/07
MS	Chloride	16887-00-6	0.883646	92.820	% Recov	75.000	125.000				04/19/07
MS	Fluoride	16984-48-8	0.428364	89.057	% Recov	75.000	125.000				04/19/07
MS	Sulfate	14808-79-8	1.78722	94.064	% Recov	75.000	125.000				04/19/07
MSD	Chloride	16887-00-6	0.895553	94.071	% Recov	75.000	125.000				04/19/07
MSD	Fluoride	16984-48-8	0.431778	89.767	% Recov	75.000	125.000				04/19/07
MSD	Sulfate	14808-79-8	1.793941	94.418	% Recov	75.000	125.000				04/19/07
SPK-RPD	Chloride	16887-00-6	94.071		RPD			1.339	20.000		04/19/07
SPK-RPD	Fluoride	16984-48-8	89.767		RPD			0.794	20.000		04/19/07
SPK-RPD	Sulfate	14808-79-8	94.418		RPD			0.376	20.000		04/19/07
BATCH QC											
BLANK	Chloride	16887-00-6	<3.4e-2	n/a	mg/L	0.000	0.030			U	04/19/07
BLANK	Chloride	16887-00-6	<3.4e-2	n/a	mg/L	0.000	0.030			U	04/19/07
BLANK	Fluoride	16984-48-8	<4e-2	n/a	mg/L	0.000	0.030			U	04/19/07
BLANK	Fluoride	16984-48-8	<4e-2	n/a	mg/L	0.000	0.030			U	04/19/07
BLANK	Sulfate	14808-79-8	<0.13	n/a	mg/L	0.000	0.200			U	04/19/07
BLANK	Sulfate	14808-79-8	<0.13	n/a	mg/L	0.000	0.200			U	04/19/07
LCS	Chloride	16887-00-6	196.3525	98.176	% Recov	80.000	120.000				04/19/07
LCS	Fluoride	16984-48-8	104.4369	103.403	% Recov	80.000	120.000				04/19/07
LCS	Sulfate	14808-79-8	387.7953	96.949	% Recov	80.000	120.000				04/19/07

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20070613
Matrix: SOLID
Test: ICP Metals Analysis, Grd H20 P

Sample Date: 03/26/07
Receive Date:04/11/07

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W07GR00715											
BATCH QC ASSOCIATED WITH SAMPLE											
MS	Boron	7440-42-8	92.347	93.858	% Recov	75.000	125.000				04/18/07
MS	Lithium	7439-93-2	51.272	104.000	% Recov	70.000	130.000				04/18/07
MSD	Boron	7440-42-8	92.147	93.741	% Recov	75.000	125.000				04/18/07
MSD	Lithium	7439-93-2	50.332	102.301	% Recov	75.000	125.000				04/18/07
SPK-RPD	Boron	7440-42-8	93.741		RPD			0.089	20.000		04/18/07
SPK-RPD	Lithium	7439-93-2	102.301		RPD			1.647	20.000		04/18/07
BATCH QC											
BLANK	Boron	7440-42-8	<8e-3	n/a	ug/mL					U	04/18/07
BLANK	Lithium	7439-93-2	<4e-3	n/a	ug/mL					U	04/18/07
LCS	Boron	7440-42-8	106.8	109.651	% Recov	45.000	156.000				04/18/07
LCS	Lithium	7439-93-2	7.537	126.460	% Recov	80.000	120.000				04/18/07

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20070613
Matrix: SOLID
Test: ICP-200.8 MS All possible meta

Sample Date: 03/26/07
Receive Date:04/11/07

Lab ID: W07GR00715
BATCH QC ASSOCIATED WITH SAMPLE

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
MS	Silver	7440-22-4	193	96.500	% Recov	70.000	130.000				04/17/07
MS	Arsenic	7440-38-2	204.685	102.343	% Recov	70.000	130.000				04/17/07
MS	Barium	7440-39-3	193.86	96.930	% Recov	70.000	130.000				04/17/07
MS	Beryllium	7440-41-7	208.2427	104.121	% Recov	70.000	130.000				04/17/07
MS	Cadmium	7440-43-9	203.7975	101.899	% Recov	70.000	130.000				04/17/07
MS	Cobalt	7440-48-4	177.884	88.942	% Recov	70.000	130.000				04/17/07
MS	Chromium	7440-47-3	180.517	90.258	% Recov	70.000	130.000				04/17/07
MS	Copper	7440-50-8	176.84	88.420	% Recov	70.000	130.000				04/17/07
MS	Mercury	7439-97-6	2.318	115.900	% Recov	70.000	130.000				04/17/07
MS	Manganese	7439-96-5	157.7	78.850	% Recov	70.000	130.000				04/17/07
MS	Molybdenum	7439-98-7	206.5506	103.275	% Recov	70.000	130.000				04/17/07
MS	Nickel	7440-02-0	180.799	90.400	% Recov	70.000	130.000				04/17/07
MS	Lead	7439-92-1	200.247	100.124	% Recov	70.000	130.000				04/17/07
MS	Antimony	7440-36-0	216	108.000	% Recov	70.000	130.000				04/17/07
MS	Selenium	7782-49-2	191	95.500	% Recov	70.000	130.000				04/18/07
MS	Tin	7440-31-5	201.8	100.900	% Recov	70.000	130.000				04/17/07
MS	Thallium	7440-28-0	183.7	91.850	% Recov	70.000	130.000				04/17/07
MS	Uranium	7440-61-1	197.7149	98.857	% Recov	70.000	130.000				04/17/07
MS	Vanadium	7440-62-2	182.13	91.065	% Recov	70.000	130.000				04/17/07
MS	Zinc	7440-66-6	195.17	97.585	% Recov	70.000	130.000				04/17/07
MSD	Silver	7440 22-4	182.9	91.450	% Recov	70.000	130.000				04/17/07
MSD	Arsenic	7440-38-2	204.685	102.343	% Recov	70.000	130.000				04/17/07
MSD	Barium	7440-39-3	197.36	98.680	% Recov	70.000	130.000				04/17/07
MSD	Beryllium	7440-41-7	209.1427	104.571	% Recov	70.000	130.000				04/17/07
MSD	Cadmium	7440-43-9	203.3975	101.699	% Recov	70.000	130.000				04/17/07
MSD	Cobalt	7440-48-4	177.884	88.842	% Recov	70.000	130.000				04/17/07

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20070613
Matrix: SOLID
Test: ICP-200.8 MS All possible meta

Sample Date: 03/26/07
Receive Date:04/11/07

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
MSD	Chromium	7440-47-3	179.417	89.709	% Recov	70.000	130.000				04/17/07
MSD	Copper	7440-50-8	177.24	88.620	% Recov	70.000	130.000				04/17/07
MSD	Mercury	7439-97-6	2.347	117.350	% Recov	70.000	130.000				04/17/07
MSD	Manganese	7439-96-5	159.9	79.950	% Recov	70.000	130.000				04/17/07
MSD	Molybdenum	7439-98-7	204.0506	102.025	% Recov	70.000	130.000				04/17/07
MSD	Nickel	7440-02-0	180.499	90.249	% Recov	70.000	130.000				04/17/07
MSD	Lead	7439-92-1	199.847	99.924	% Recov	70.000	130.000				04/17/07
MSD	Antimony	7440-36-0	213.8	106.900	% Recov	70.000	130.000				04/17/07
MSD	Selenium	7782-49-2	192	96.000	% Recov	70.000	130.000				04/18/07
MSD	Tin	7440-31-5	199.9	99.950	% Recov	70.000	130.000				04/17/07
MSD	Thallium	7440-28-0	183.4	91.700	% Recov	70.000	130.000				04/17/07
MSD	Uranium	7440-61-1	196.6149	98.307	% Recov	70.000	130.000				04/17/07
MSD	Vanadium	7440-62-2	177.93	88.965	% Recov	70.000	130.000				04/17/07
MSD	Zinc	7440-66-6	194.27	97.135	% Recov	70.000	130.000				04/17/07
SPK-RPD	Silver	7440-22-4	91.450		RPD			5.374	20.000		04/17/07
SPK-RPD	Arsenic	7440-38-2	102.343		RPD			0.000	20.000		04/17/07
SPK-RPD	Barium	7440-39-3	98.680		RPD			1.789	20.000		04/17/07
SPK-RPD	Beryllium	7440-41-7	104.571		RPD			0.431	20.000		04/17/07
SPK-RPD	Cadmium	7440-43-9	101.699		RPD			0.196	20.000		04/17/07
SPK-RPD	Cobalt	7440-48-4	88.842		RPD			0.112	20.000		04/17/07
SPK-RPD	Chromium	7440-47-3	89.709		RPD			0.610	20.000		04/17/07
SPK-RPD	Copper	7440-50-8	88.620		RPD			0.226	20.000		04/17/07
SPK-RPD	Mercury	7439-97-6	117.350		RPD			1.243	20.000		04/17/07
SPK-RPD	Manganese	7439-96-5	79.950		RPD			1.386	20.000		04/17/07
SPK-RPD	Molybdenum	7439-98-7	102.025		RPD			1.218	20.000		04/17/07
SPK-RPD	Nickel	7440-02-0	90.249		RPD			0.167	20.000		04/17/07
SPK-RPD	Lead	7439-92-1	99.924		RPD			0.200	20.000		04/17/07
SPK-RPD	Antimony	7440-36-0	106.900		RPD			1.024	20.000		04/17/07
SPK-RPD	Selenium	7782-49-2	96.000		RPD			0.522	20.000		04/18/07
SPK-RPD	Tin	7440-31-5	99.950		RPD			0.946	20.000		04/17/07

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20070613
Matrix: SOLID
Test: ICP-200.8 MS All possible meta

Sample Date: 03/26/07
Receive Date:04/11/07

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
SPK-RPD	Thallium	7440-28-0	91.700		RPD			0.163	20.000		04/17/07
SPK-RPD	Uranium	7440-61-1	98.307		RPD			0.558	20.000		04/17/07
SPK-RPD	Vanadium	7440-62-2	88.965		RPD			2.333	20.000		04/17/07
SPK-RPD	Zinc	7440-66-6	97.135		RPD			0.462	20.000		04/17/07

BATCH QC

BLANK	Silver	7440-22-4	<0.1	n/a	ug/L					U	04/17/07
BLANK	Arsenic	7440-38-2	<0.4	n/a	ug/L					U	04/17/07
BLANK	Barium	7440-39-3	<0.2	n/a	ug/L					U	04/17/07
BLANK	Beryllium	7440-41-7	<5e-2	n/a	ug/L					U	04/17/07
BLANK	Cadmium	7440-43-9	<0.1	n/a	ug/L					U	04/17/07
BLANK	Cobalt	7440-48-4	<5e-2	n/a	ug/L					U	04/17/07
BLANK	Chromium	7440-47-3	<0.5	n/a	ug/L					U	04/17/07
BLANK	Copper	7440-50-8	0.2392	0.239	ug/L						04/17/07
BLANK	Mercury	7439-97-6	<5e-2	n/a	ug/L					U	04/17/07
BLANK	Manganese	7439-96-5	<0.1	n/a	ug/L					U	04/17/07
BLANK	Molybdenum	7439-98-7	<5e-2	n/a	ug/L					U	04/17/07
BLANK	Nickel	7440-02-0	<0.2	n/a	ug/L					U	04/17/07
BLANK	Lead	7439-92-1	<0.1	n/a	ug/L					U	04/17/07
BLANK	Antimony	7440-36-0	<0.3	n/a	ug/L					U	04/17/07
BLANK	Selenium	7782-49-2	<0.3	n/a	ug/L					U	04/18/07
BLANK	Tin	7440-31-5	<5e-2	n/a	ug/L					U	04/17/07
BLANK	Thallium	7440-28-0	<0.1	n/a	ug/L					U	04/17/07
BLANK	Uranium	7440-61-1	<5e-2	n/a	ug/L					U	04/17/07
BLANK	Vanadium	7440-62-2	<0.2	n/a	ug/L					U	04/17/07
BLANK	Zinc	7440-66-6	<0.8	n/a	ug/L					U	04/17/07
LCS	Silver	7440-22-4	142.9	109.923	% Recov	98.000	134.000				04/17/07
LCS	Arsenic	7440-38-2	172.6	107.205	% Recov	75.000	134.000				04/17/07
LCS	Barium	7440-39-3	245.7	97.500	% Recov	87.000	121.000				04/17/07
LCS	Baryllium	7440-41-7	96.15	101.854	% Recov	70.000	153.000				04/17/07

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20070613
Matrix: SOLID
Test: ICP-200.8 MS All possible meta

Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
LCS	Cadmium	7440-43-9	131.4	102.656	% Recov	95.000	124.000				04/17/07
LCS	Cobalt	7440-48-4	33.79	95.994	% Recov	88.000	119.000				04/17/07
LCS	Chromium	7440-47-3	63.43	91.266	% Recov	77.000	125.000				04/17/07
LCS	Copper	7440-50-8	145.9	98.581	% Recov	84.000	122.000				04/17/07
LCS	Mercury	7439-97-6	16.77	99.231	% Recov	71.000	132.000				04/17/07
LCS	Manganese	7439-96-5	392.8	96.275	% Recov	83.000	118.000				04/17/07
LCS	Molybdenum	7439-98-7	81.84	97.313	% Recov	71.000	130.000				04/17/07
LCS	Nickel	7440-02-0	146.9	99.932	% Recov	90.000	121.000				04/17/07
LCS	Lead	7439-92-1	141.6	99.718	% Recov	92.000	123.000				04/17/07
LCS	Antimony	7440-36-0	89.85	147.537	% Recov	114.000	260.000				04/17/07
LCS	Selenium	7782-49-2	65.3	101.713	% Recov	52.000	157.000				04/18/07
LCS	Tin	7440-31-5	58.29	95.557	% Recov	86.000	123.000				04/17/07
LCS	Thallium	7440-28-0	75.97	90.440	% Recov	92.000	123.000				04/17/07
LCS	Uranium	7440-61-1	401.3	100.325	% Recov	81.000	125.000				04/17/07
LCS	Vanadium	7440-62-2	89.12	91.593	% Recov	81.000	122.000				04/17/07
LCS	Zinc	7440-66-6	163.4	99.030	% Recov	85.000	130.000				04/17/07

WSCF
ANALYTICAL COMMENT REPORT

Attention: Steve Trent
Project Number F07-029

Group #: WSCF20070613
Department: Inorganic

Sample #	Client ID	Lab Area	Test	Comment
		VALGROUP		PCB: Sample results corrected for moisture and reported as as dry weight basis. gar These samples were received after holding times had expired. cgc ICP-AES: High lithium LCS recovery but all other QC is acceptable; no flags issued. Iron interference yielding positive boron rasults; "E" flags issued. ICP-MS: Thallium LCS result outside statistical range but is 90% of the known value, indicating a good result. No flag Copper Prep blank above the MDL but less than 5% of the sample result. No flag Selenium impacted by Krypton. Rerun provided better results These results reported.

Lab Areas: VALGROUP - Group Validation
LOGSAMP - Login for Sample
VALTEST - Test Validation
LOGTEST - Login for Tests
TESTDATA - Test Data Entry

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00715
Client ID: B1MRV7 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Organic
Sampled: 03/26/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
PCBs complete list Prep											**04/17/07**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 10.0	ug/kg			1.00	10		04/19/07
Aroclor-1221	11104-28-2	LA-523-427	U	< 21.0	ug/kg			1.00	21		04/19/07
Aroclor-1232	11141-16-5	LA-523-427	U	< 10.0	ug/kg			1.00	10		04/19/07
Aroclor-1242	53469-21-9	LA-523-427	U	< 10.0	ug/kg			1.00	10		04/19/07
Aroclor-1248	12672-29-6	LA-523-427	U	< 10.0	ug/kg			1.00	10		04/19/07
Aroclor-1254	11097-69-1	LA-523-427	U	< 10.0	ug/kg			1.00	10		04/19/07
Aroclor-1260	11096-82-5	LA-523-427	U	< 10.0	ug/kg			1.00	10		04/19/07
Aroclor-1262	37324-23-5	LA-523-427	U	< 10.0	ug/kg			1.00	10		04/19/07
Aroclor-1268	11100-14-4	LA-523-427	U	< 10.0	ug/kg			1.00	10		04/19/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
TP Err=Total Propagated Error
DF=Dilution Factor

D - Analyte was identified at a secondary dilution factor(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)

E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria.(org)

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00716
Client ID: B1MRY4 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Organic
Sampled: 03/22/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
PCBs complete list Prep											**04/17/07**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 10.0	ug/kg			1.00	10		04/19/07
Aroclor-1221	11104-28-2	LA-523-427	U	< 21.0	ug/kg			1.00	21		04/19/07
Aroclor-1232	11141-16-5	LA-523-427	U	< 10.0	ug/kg			1.00	10		04/19/07
Aroclor-1242	53469-21-9	LA-523-427	U	< 10.0	ug/kg			1.00	10		04/19/07
Aroclor-1248	12672-29-6	LA-523-427	U	< 10.0	ug/kg			1.00	10		04/19/07
Aroclor-1254	11097-69-1	LA-523-427	U	< 10.0	ug/kg			1.00	10		04/19/07
Aroclor-1260	11096-82-5	LA-523-427	U	< 10.0	ug/kg			1.00	10		04/19/07
Aroclor-1262	37324-23-5	LA-523-427	U	< 10.0	ug/kg			1.00	10		04/19/07
Aroclor-1268	11100-14-4	LA-523-427	U	< 10.0	ug/kg			1.00	10		04/19/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
TP Err=Total Propagated Error
DF=Dilution Factor

D - Analyte was identified at a secondary dilution factor(inorg)
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WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20070613
Matrix: SOLID
Test: PCBs complete list

Sample Date: 03/26/07
Receive Date:04/11/07

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W07GR00715											
BATCH QC ASSOCIATED WITH SAMPLE											
MS	Aroclor-1260	11096-82-5	226.25	109.000	% Recov	75.000	125.000				04/19/07
MS	Decachlorobiphenyl	2051-24-3	214.22	104.000	% Recov	50.000	150.000				04/19/07
MS	Tetrachloro-m-xylene	877-09-8	182.14	88.000	% Recov	50.000	150.000				04/19/07
MSD	Aroclor-1260	11096-82-5	224.22	108.000	% Recov	75.000	125.000				04/19/07
MSD	Decachlorobiphenyl	2051-24-3	209.54	101.000	% Recov	50.000	150.000				04/19/07
MSD	Tetrachloro-m-xylene	877-09-8	174.02	83.700	% Recov	50.000	150.000				04/19/07
SPK-RPD	Aroclor-1260	11096-82-5	108.000		RPD			0.922	25.000		04/19/07
SPK-RPD	Decachlorobiphenyl	2051-24-3	101.000		RPD			2.927	20.000		04/19/07
SPK-RPD	Tetrachloro-m-xylene	877-09-8	83.700		RPD			5.009	20.000		04/19/07
SURR	Decachlorobiphenyl	2051-24-3	212.26	102.000	% Recov	50.000	150.000				04/19/07
SURR	Tetrachloro-m-xylene	877-09-8	189.57	91.300	% Recov	50.000	150.000				04/19/07
Lab ID: W07GR00716											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Decachlorobiphenyl	2051-24-3	213.25	103.000	% Recov	50.000	150.000				04/19/07
SURR	Tetrachloro-m-xylene	877-09-8	202.81	98.100	% Recov	50.000	150.000				04/19/07
BATCH QC											
BLANK	Aroclor-1016	12674-11-2	< 10	n/a	UGKG					U	04/19/07
BLANK	Aroclor-1221	11104-28-2	< 20	n/a	ug/Kg					U	04/19/07
BLANK	Aroclor-1232	11141-16-5	< 10	n/a	ug/Kg					U	04/19/07
BLANK	Aroclor-1242	53469-21-9	< 10	n/a	ug/Kg					U	04/19/07
BLANK	Aroclor-1248	12672-29-6	< 10	n/a	ug/Kg					U	04/19/07
BLANK	Aroclor-1254	11097-69-1	< 10	n/a	ug/Kg					U	04/19/07
BLANK	Aroclor-1260	11096-82-5	< 10	n/a	ug/Kg					U	04/19/07
BLANK	Aroclor-1262	37324-23-5	< 10	n/a	ug/Kg					U	04/19/07

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20070613
Matrix: SOLID
Test: PCBs complete list

Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
BLANK	Aroclor-1268	11100-14-4	< 10	n/a	ug/Kg					U	04/19/07
BLANK	Decachlorobiphenyl	2051-24-3	195.97	98.000	% Recov	50.000	150.000				04/19/07
BLANK	Tetrachloro-m-xylene	877-09-8	185.39	92.700	% Recov	50.000	150.000				04/19/07
LCS	Aroclor-1260	11096-82-5	212.77	106.000	% Recov	70.000	130.000				04/19/07
LCS	Decachlorobiphenyl	2051-24-3	199.98	100.000	% Recov	50.000	150.000				04/19/07
LCS	Tetrachloro-m-xylene	877-09-8	188.05	94.000	% Recov	50.000	150.000				04/19/07

WSCF
ANALYTICAL COMMENT REPORT

Attention: Steve Trent
Project Number F07-029

Group #: WSCF20070613
Department: Organic

Sample #	Client ID	Lab Area	Test	Comment
		VALGROUP		PCB: Sample results corrected for moisture and reported as as dry weight basis. gar These samples were received after holding times had expired. cgc ICP-AES: High lithium LCS recovery but all other QC is acceptable; no flags issued. Iron interference yielding positive boron results; "E" flags issued. ICP-MS: Thallium LCS result outside statistical range but is 90% of the known value, indicating a good result. No flag Copper Prep blank above the MDL but less than 5% of the sample result. No flag Selenium impacted by Krypton. Rerun provided better results These results reported.

Lab Areas: VALGROUP - Group Validation
LOGSAMP - Login for Sample
VALTEST - Test Validation
LOGTEST - Login for Tests
TESTDATA - Test Data Entry

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00696
Client ID: B1MTJ0 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Radiochemistry
Sampled: 03/21/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gamma Energy Analysis-grd H2O											
Cesium-137	10045-97-3	LA-508-481		0.339	pCi/g	+-0.0565	pCi/g	1.00	0.010		04/13/07
Strontium 89/90											
Strontium-89/90	SR-RAD	LA-508-415		2.80	pCi/g	+-0.728	pCi/g	1.00	0.35		04/17/07
Sr-85 Tracer by Beta Counting	SR85	LA-508-415		99.4	Percent			1.00	0.0		04/17/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
TP Err=Total Propagated Error
DF=Dilution Factor

D - Analyte was identified at a secondary dilution factor(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)

E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria.(org)

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00697
Client ID: B1MTJ1 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Radiochemistry
Sampled: 03/21/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gamma Energy Analysis-grd H2O											
Cesium-137	10045-97-3	LA-508-481		0.438	pCi/g	+-0.0763	pCi/g	1.00	0.010		04/16/07
Strontium 89/90											
Strontium-89/90	SR-RAD	LA-508-415		1.90	pCi/g	+-0.722	pCi/g	1.00	0.37		04/17/07
Sr-85 Tracer by Beta Counting	SR85	LA-508-415		95.7	Percent			1.00	0.0		04/17/07

MDL=Minimum Detection Limit
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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00698
Client ID: B1MTJ2 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Radiochemistry
Sampled: 03/21/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gamma Energy Analysis-grd H2O											
Cesium-137	10045-97-3	LA-508-481		0.0339	pCi/g	+-0.0105	pCi/g	1.00	0.010		04/13/07
Strontium 89/90											
Strontium-89/90	SR-RAD	LA-508-415	U	-0.210	pCi/g	+-0.607	pCi/g	1.00	0.32		04/17/07
Sr-85 Tracer by Beta Counting	SR85	LA-508-415		105	Percent			1.00	0.0		04/17/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00699
Client ID: B1MTK9 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Radiochemistry
Sampled: 03/21/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gamma Energy Analysis-grd H2O											
Cesium-137	10045-97-3	LA-508-481		2.39	pCi/g	+-0.381	pCi/g	1.00	0.011		04/16/07
Strontium 89/90											
Strontium-89/90	SR-RAD	LA-508-415		2.40	pCi/g	+-0.720	pCi/g	1.00	0.36		04/17/07
Sr-85 Tracer by Beta Counting	SR85	LA-508-415		96.5	Percent			1.00	0.0		04/17/07

MDL=Minimum Detection Limit
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TP Err=Total Propagated Error
DF=Dilution Factor

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00700
Client ID: B1MTL0 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Radiochemistry
Sampled: 03/21/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gamma Energy Analysis-grd H2O											
Cesium-137	10045-97-3	LA-508-481		0.324	pCi/g	+-0.0530	pCi/g	1.00	9.2e-03		04/20/07
Strontium 89/90											
Strontium-89/90	SR-RAD	LA-508-415		0.720	pCi/g	+-0.641	pCi/g	1.00	0.37		04/17/07
Sr-85 Tracer by Beta Counting	SR85	LA-508-415		96.0	Percent			1.00	0.0		04/17/07

MDL = Minimum Detection Limit
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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00701
Client ID: B1MTL1 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Radiochemistry
Sampled: 03/21/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gamma Energy Analysis-grd H2O											
Cesium-137	10045-97-3	LA-508-481		0.168	pCi/g	+-0.0338	pCi/g	1.00	0.011		04/16/07
Strontium 89/90											
Strontium-89/90	SR-RAD	LA-508-415	U	0.240	pCi/g	+-0.576	pCi/g	1.00	0.36		04/17/07
Sr-85 Tracer by Beta Counting	SR85	LA-508-415		97.1	Percent			1.00	0.0		04/17/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
TP Err=Total Propagated Error
DF=Dilution Factor

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00702
Client ID: B1MTL2 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Radiochemistry
Sampled: 03/22/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gamma Energy Analysis-grd H2O											
Cesium-137	10045-97-3	LA-508-481		0.0200	pCi/g	+-7.49e-03	pCi/g	1.00	8.5e-03		04/16/07
Strontium 89/90											
Strontium-89/90	SR-RAD	LA-508-415	U	-0.120	pCi/g	+-0.667	pCi/g	1.00	0.37		04/18/07
Sr-85 Tracer by Beta Counting	SR85	LA-508-415		98.6	Percent			1.00	0.0		04/18/07

MDL=Miuimum Detection Limit
RQ=Result Qualifier
TP Err=Total Propagated Error
DF=Dilution Factor

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00703
Client ID: B1MRW3 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Radiochemistry
Sampled: 03/20/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gamma Energy Analysis-grd H2O											
Cesium-137	10045-97-3	LA-508-481		7.22	pCi/g	+-1.15	pCi/g	1.00	0.013		04/17/07
Strontium 89/90											
Strontium-89/90	SR-RAD	LA-508-415		15.0	pCi/g	+-2.10	pCi/g	1.00	0.38		04/18/07
Sr-85 Tracer by Beta Counting	SR85	LA-508-415		96.9	Percent			1.00	0.0		04/18/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
TP Err=Total Propagated Error
DF=Dilution Factor

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00704
Client ID: B1MRW4 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Radiochemistry
Sampled: 03/20/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gamma Energy Analysis-grd H2O											
Cesium-137	10045-97-3	LA-508-481		0.780	pCi/g	+-0.125	pCi/g	1.00	0.011		04/17/07
Strontium 89/90											
Strontium-89/90	SR-RAD	LA-508-415		0.680	pCi/g	+ 0.626	pCi/g	1.00	0.38		04/18/07
Sr-85 Tracer by Beta Counting	SR85	LA-508-415		97.9	Percent			1.00	0.0		04/18/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
TP Err=Total Propagated Error
DF=Dilution Factor

D - Analyte was identified at a secondary dilution factor(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)

E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria.(org)

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00705
Client ID: B1MRW5 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Radiochemistry
Sampled: 03/21/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gamma Energy Analysis-grd H2O											
Cesium-137	10045-97-3	LA-508-481	U	1.55e-04	pCi/g	+-1.55e-03	pCi/g	1.00	0.011		04/17/07
Strontium 89/90											
Strontium-89/90	SR-RAD	LA-508-415	U	0.280	pCi/g	+-0.613	pCi/g	1.00	0.38		04/18/07
Sr-85 Tracer by Beta Counting	SR85	LA-508-415		96.5	Percent			1.00	0.0		04/18/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
TP Err=Total Propagated Error
DF=Dilution Factor

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00706
Client ID: B1MTJ9 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Radiochemistry
Sampled: 03/20/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gamma Energy Analysis-grd H2O											
Cesium-137	10045-97-3	LA-508-481		11.6	pCi/g	+-1.88	pCi/g	1.00	0.015		04/17/07
Strontium 89/90											
Strontium-89/90	SR-RAD	LA-508-415		5.60	pCi/g	+-0.952	pCi/g	1.00	0.36		04/18/07
Sr-85 Tracer by Beta Counting	SR85	LA-508-415		102	Percent			1.00	0.0		04/18/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
TP Err=Total Propagated Error
DF=Dilution Factor

D - Analyte was identified at a secondary dilution factor(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)

E - Analyte is an estimate, has potentially larger errors(inorg)
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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00707
Client ID: B1MTK0 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Radiochemistry
Sampled: 03/21/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gamma Energy Analysis-grd H2O											
Cesium-137	10045-97-3	LA-508-481		0.546	pCi/g	+-0.0952	pCi/g	1.00	0.012		04/17/07
Strontium 89/90											
Strontium-89/90	SR-RAD	LA-508-415		1.50	pCi/g	+-0.615	pCi/g	1.00	0.38		04/18/07
Sr-85 Tracer by Beta Counting	SR85	LA-508-415		102	Percent			1.00	0.0		04/18/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
TP Err=Total Propagated Error
DF=Dilution Factor

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00708
Client ID: B1MTK1 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Radiochemistry
Sampled: 03/20/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gamma Energy Analysis-grd H2O											
Cesium-137	10045-97-3	LA-508-481		0.197	pCi/g	+-0.0390	pCi/g	1.00	0.010		04/17/07
Strontium 89/90											
Strontium-89/90	SR-RAD	LA-508-415		0.210	pCi/g	+-0.609	pCi/g	1.00	0.39		04/19/07
Sr-85 Tracer by Beta Counting	SR85	LA-508-415		99.4	Percent			1.00	0.0		04/19/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
TP Err=Total Propagated Error
DF=Dilution Factor

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00709
Client ID: B1MTK2 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Radiochemistry
Sampled: 03/20/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gamma Energy Analysis-grd H2O											
Cesium-137	10045-97-3	LA-508-481	U	4.54e-04	pCi/g	+-4.54e-03	pCi/g	1.00	8.0e-03		04/18/07
Strontium 89/90											
Strontium-89/90	SR-RAD	LA-508-415	U	-0.0440	pCi/g	+-0.440	pCi/g	1.00	0.37		04/19/07
Sr-85 Tracer by Beta Counting	SR85	LA-508-415		102	Percent			1.00	0.0		04/19/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
TP Err=Total Propagated Error
DF=Dilution Factor

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00710
Client ID: B1MRV6 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Radiochemistry
Sampled: 03/26/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gamma Energy Analysis-grd H2O											
Cesium-137	10045-97-3	LA-508-481		3.64	pCi/g	+-0.578	pCi/g	1.00	0.011		04/18/07
Strontium 89/90											
Strontium-89/90	SR-RAD	LA-508-415		10.0	pCi/g	+-1.40	pCi/g	1.00	0.37		04/19/07
Sr-85 Tracer by Beta Counting	SR85	LA-508-415		103	Percent			1.00	0.0		04/19/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
TP Err=Total Propagated Error
DF=Dilution Factor

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00711
Client ID: B1MRV8 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Radiochemistry
Sampled: 03/26/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gamma Energy Analysis-grd H2O											
Cesium-137	10045-97-3	LA-508-481		0.0129	pCi/g	+-7.70e-03	pCi/g	1.00	9.7e-03		04/18/07
Strontium 89/90											
Strontium-89/90	SR-RAD	LA-508-415	U	-0.880	pCi/g	+-0.572	pCi/g	1.00	0.38		04/19/07
Sr-85 Tracer by Beta Counting	SR85	LA-508-415		101	Percent			1.00	0.0		04/19/07

MDL = Minimum Detection Limit
RQ = Result Qualifier
TP Err = Total Propagated Error
DF = Dilution Factor

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00712
Client ID: B1MRX8 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Radiochemistry
Sampled: 03/26/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gamma Energy Analysis-grd H2O											
Cesium-137	10045-97-3	LA-508-481		1.52	pCi/g	+-0.260	pCi/g	1.00	0.011		04/18/07
Strontium 89/90											
Strontium-89/90	SR-RAD	LA-508-415	U	-0.160	pCi/g	+-0.525	pCi/g	1.00	0.37		04/19/07
Sr-85 Tracer by Beta Counting	SR85	LA-508-415		103	Percent			1.00	0.0		04/19/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
TP Err=Total Propagated Error
DF=Dilution Factor

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00713
Client ID: B1MRX9 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Radiochemistry
Sampled: 03/26/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gamma Energy Analysis-grd H2O											
Cesium-137	10045-97-3	LA-508-481		0.676	pCi/g	+-0.124	pCi/g	1.00	0.010		04/18/07
Strontium 89/90											
Strontium-89/90	SR-RAD	LA-508-415	U	-0.720	pCi/g	+-0.720	pCi/g	1.00	0.38		04/19/07
Sr-85 Tracer by Beta Counting	SR85	LA-508-415		101	Percent			1.00	0.0		04/19/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
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DF=Dilution Factor

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00714
Client ID: B1MRY5 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Radiochemistry
Sampled: 03/22/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gamma Energy Analysis-grd H2O											
Ceslum-137	10045-97-3	LA-508-481		3.45	pCi/g	+-0.548	pCi/g	1.00	0.010		04/19/07
Strontium 89/90											
Strontium-89/90	SR-RAD	LA-508-415		0.350	pCi/g	+-0.332	pCi/g	1.00	0.34		04/23/07
Sr-85 Tracer by Beta Counting	SR85	LA-508-415		96.1	Percent			1.00	0.0		04/23/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
TP Err=Total Propagated Error
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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00715
Client ID: B1MRV7 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Radiochemistry
Sampled: 03/26/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gamma Energy Analysis-grd H2O											
Cesium-137	10045-97-3	LA-508-481		0.0906	pCi/g	+-0.0191	pCi/g	1.00	0.012		04/19/07
Strontium 89/90											
Strontium-89/90	SR-RAD	LA-508-415		0.460	pCi/g	+-0.363	pCi/g	1.00	0.39		04/23/07
Sr-85 Tracer by Beta Counting	SR85	LA-508-415		96.4	Percent			1.00	0.0		04/23/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
TP Err=Total Propagated Error
DF=Dilution Factor

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F07-029
Sample # W07GR00716
Client ID: B1MRY4 TRENT WSCF

Matrix: SOIL

Group #: WSCF20070613
Department: Radiochemistry
Sampled: 03/22/07
Received: 04/11/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Gamma Energy Analysis-grd H2O											
Cesium-137	10045-97-3	LA-508-481		12.0	pCi/g	+-2.04	pCi/g	1.00	0.016		04/19/07
Strontium 89/90											
Strontium-89/90	SR-RAD	LA-508-415		12.0	pCi/g	+-1.56	pCi/g	1.00	0.41		04/23/07
Sr-85 Tracer by Beta Counting	SR85	LA-508-415		89.1	Percent			1.00	0.0		04/23/07

MDL=Minimum Detection Limit
RQ=Result Qualifier
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DF=Dilution Factor

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F07-029 :F07-029

Group #: WSCF20070613
Department: Radiochemistry

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.64	pCi/g
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				16	%
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.42	pCi/g
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				23	%
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.43	pCi/g
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				17	%
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	CS-134				0.032	pCi/g
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				30	%
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	K-40				13	pCi/g
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				13	%
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.64	pCi/g
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				14	%
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.47	pCi/g
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				14	%
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.43	pCi/g
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				17	%
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.64	pCi/g
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				16	%
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	SN-126				0.12	pCi/g
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				27	%
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	TH-234				0.82	pCi/g
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	TH-234 Count Error				28	%
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.19	pCi/g
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				17	%
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	U-235				0.068	pCi/g

RQ=Result Qualifier

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F07-029 :F07-029

Group #: WSCF20070613
Department: Radiochemistry

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W07GR00696	B1MTJ0	TRENT	Gamma Energy Analysis-grd H2O	U-235 Count Error				28	%
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.59	pCi/g
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				18	%
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.43	pCi/g
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				26	%
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.43	pCi/g
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				17	%
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	CS-134				0.030	pCi/g
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				37	%
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	K-40				12	pCi/g
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				14	%
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.60	pCi/g
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				14	%
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.44	pCi/g
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				14	%
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.43	pCi/g
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				17	%
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.59	pCi/g
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				18	%
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	SN-126				0.11	pCi/g
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				28	%
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.19	pCi/g
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				17	%
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	U-235				0.047	pCi/g
W07GR00697	B1MTJ1	TRENT	Gamma Energy Analysis-grd H2O	U-235 Count Error				40	%

RQ=Result Qualifier

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F07-029 :F07-029

Group #: WSCF20070613
Department: Radiochemistry

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.42	pCi/g
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				18	%
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.38	pCi/g
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				26	%
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.31	pCi/g
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				19	%
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	K-40				10	pCi/g
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				13	%
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.45	pCi/g
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				14	%
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.33	pCi/g
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				15	%
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.31	pCi/g
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				19	%
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.42	pCi/g
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				18	%
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	SN-126				0.10	pCi/g
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				30	%
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.14	pCi/g
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				18	%
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	U-235				0.051	pCi/g
W07GR00698	B1MTJ2	TRENT	Gamma Energy Analysis-grd H2O	U-235 Count Error				37	%
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.65	pCi/g
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				17	%
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.42	pCi/g

RQ=Result Qualifier

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F07-029 :F07-029

Group #: WSCF20070613
Department: Radiochemistry

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				23	%
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.49	pCi/g
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				16	%
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	CS-134				0.028	pCi/g
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				31	%
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	K-40				13	pCi/g
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				13	%
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.68	pCi/g
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				13	%
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.52	pCi/g
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				14	%
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.49	pCi/g
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				16	%
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.65	pCi/g
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				17	%
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	SN-126				0.13	pCi/g
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				26	%
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.20	pCi/g
W07GR00699	B1MTK9	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				16	%
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.69	pCi/g
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				18	%
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.41	pCi/g
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				22	%
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.64	pCi/g
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				11	%

RQ=Result Qualifier

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F07-029 :F07-029

Group #: WSCF20070613
Department: Radiochemistry

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	CS-134				0.024	pCi/g
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				42	%
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	K-40				13	pCi/g
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				13	%
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.74	pCi/g
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				9.8	%
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.95	pCi/g
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				21	%
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.50	pCi/g
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				16	%
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.67	pCi/g
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				17	%
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	SN-126				0.16	pCi/g
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				23	%
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.22	pCi/g
W07GR00700	B1MTL0	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				14	%
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.62	pCi/g
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				18	%
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.44	pCi/g
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				28	%
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.49	pCi/g
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				18	%
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	CS-134				0.024	pCi/g
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				38	%
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	K-40				13	pCi/g

RQ=Result Qualifier

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F07-029 :F07-029

Group #: WSCF20070613
Department: Radiochemistry

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				13	%
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.69	pCi/g
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				14	%
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.51	pCi/g
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				15	%
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.49	pCi/g
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				18	%
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.62	pCi/g
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				18	%
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	SN-126				0.10	pCi/g
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				30	%
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.21	pCi/g
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				18	%
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	U-235				0.062	pCi/g
W07GR00701	B1MTL1	TRENT	Gamma Energy Analysis-grd H2O	U-235 Count Error				34	%
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.50	pCi/g
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				18	%
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.30	pCi/g
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				27	%
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.38	pCi/g
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				17	%
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	CS-134				0.022	pCi/g
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				38	%
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	K-40				10	pCi/g
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				14	%

RQ=Result Qualifier

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F07-029 :F07-029

Group #: WSCF20070613
Department: Radiochemistry

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.50	pCi/g
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				14	%
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.40	pCi/g
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				14	%
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.38	pCi/g
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				17	%
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.50	pCi/g
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				18	%
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	SN-126				0.12	pCi/g
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				27	%
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	TH-234				0.64	pCi/g
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	TH-234 Count Error				32	%
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.15	pCi/g
W07GR00702	B1MTL2	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				18	%
W07GR00703	B1MRW3	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.67	pCi/g
W07GR00703	B1MRW3	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				17	%
W07GR00703	B1MRW3	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.44	pCi/g
W07GR00703	B1MRW3	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				23	%
W07GR00703	B1MRW3	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.48	pCi/g
W07GR00703	B1MRW3	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				17	%
W07GR00703	B1MRW3	TRENT	Gamma Energy Analysis-grd H2O	CS-134				0.035	pCi/g
W07GR00703	B1MRW3	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				27	%
W07GR00703	B1MRW3	TRENT	Gamma Energy Analysis-grd H2O	K-40				12	pCi/g
W07GR00703	B1MRW3	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				14	%
W07GR00703	B1MRW3	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.59	pCi/g

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F07-029 :F07-029

Group #: WSCF20070613
Department: Radiochemistry

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W07GR00703	81MRW3	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				14	%
W07GR00703	81MRW3	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.53	pCi/g
W07GR00703	81MRW3	TRENT	Gamma Energy Analysis grd H2O	PB-214 Count Error				15	%
W07GR00703	81MRW3	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.48	pCi/g
W07GR00703	81MRW3	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				17	%
W07GR00703	81MRW3	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.67	pCi/g
W07GR00703	81MRW3	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				17	%
W07GR00703	81MRW3	TRENT	Gamma Energy Analysis-grd H2O	SN-126				0.17	pCi/g
W07GR00703	81MRW3	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				23	%
W07GR00703	81MRW3	TRENT	Gamma Energy Analysis grd H2O	TL-208				0.22	pCi/g
W07GR00703	81MRW3	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				17	%
W07GR00703	81MRW3	TRENT	Gamma Energy Analysis-grd H2O	U-235				0.10	pCi/g
W07GR00703	81MRW3	TRENT	Gamma Energy Analysis-grd H2O	U-235 Count Error				28	%
W07GR00704	81MRW4	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.66	pCi/g
W07GR00704	81MRW4	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				17	%
W07GR00704	81MRW4	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.46	pCi/g
W07GR00704	81MRW4	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				24	%
W07GR00704	81MRW4	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.48	pCi/g
W07GR00704	81MRW4	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				16	%
W07GR00704	81MRW4	TRENT	Gamma Energy Analysis-grd H2O	CS-134				0.035	pCi/g
W07GR00704	81MRW4	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				38	%
W07GR00704	81MRW4	TRENT	Gamma Energy Analysis-grd H2O	K-40				13	pCi/g
W07GR00704	81MRW4	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				13	%
W07GR00704	81MRW4	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.71	pCi/g
W07GR00704	81MRW4	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				13	%

RQ=Result Qualifier

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F07-029 :F07-029

Group #: WSCF20070613
Department: Radiochemistry

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W07GR00704	B1MRW4	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.53	pCi/g
W07GR00704	B1MRW4	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				14	%
W07GR00704	B1MRW4	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.48	pCi/g
W07GR00704	B1MRW4	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				16	%
W07GR00704	B1MRW4	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.66	pCi/g
W07GR00704	B1MRW4	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				17	%
W07GR00704	B1MRW4	TRENT	Gamma Energy Analysis-grd H2O	SN-126				0.13	pCi/g
W07GR00704	B1MRW4	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				25	%
W07GR00704	B1MRW4	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.21	pCi/g
W07GR00704	B1MRW4	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				16	%
W07GR00704	B1MRW4	TRENT	Gamma Energy Analysis-grd H2O	U-235				0.072	pCi/g
W07GR00704	B1MRW4	TRENT	Gamma Energy Analysis-grd H2O	U-235 Count Error				25	%
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.68	pCi/g
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				17	%
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.48	pCi/g
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				26	%
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.45	pCi/g
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				17	%
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	CS-134				0.026	pCi/g
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				47	%
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	K-40				13	pCi/g
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				13	%
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.68	pCi/g
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				14	%
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.52	pCi/g

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F07-029 :F07-029

Group #: WSCF20070613
Department: Radiochemistry

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				15	%
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.45	pCi/g
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				17	%
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.68	pCi/g
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				17	%
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	SN-126				0.15	pCi/g
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				25	%
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.21	pCi/g
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				17	%
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	U-235				0.062	pCi/g
W07GR00705	B1MRW5	TRENT	Gamma Energy Analysis-grd H2O	U-235 Count Error				32	%
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.64	pCi/g
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				16	%
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.39	pCi/g
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				25	%
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.49	pCi/g
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				17	%
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	CS-134				0.042	pCi/g
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				32	%
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	K-40				13	pCi/g
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				13	%
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.66	pCi/g
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				14	%
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.52	pCi/g
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				16	%

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F07-029 :F07-029

Group #: WSCF20070613
Department: Radiochemistry

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.49	pCi/g
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				17	%
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.64	pCi/g
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				16	%
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	SN-126				0.11	pCi/g
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				37	%
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	TH-234				0.61	pCi/g
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	TH-234 Count Error				48	%
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.20	pCi/g
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				18	%
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	U-235				0.095	pCi/g
W07GR00706	B1MTJ9	TRENT	Gamma Energy Analysis-grd H2O	U-235 Count Error				37	%
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.69	pCi/g
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				18	%
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.52	pCi/g
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				24	%
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.50	pCi/g
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				17	%
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	CS-134				0.050	pCi/g
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				29	%
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	K-40				14	pCi/g
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				14	%
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.71	pCi/g
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				14	%
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.51	pCi/g

RQ=Result Qualifier

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F07-029 :F07-029

Group #: WSCF20070613
Department: Radiochemistry

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				15	%
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.50	pCi/g
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				17	%
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.69	pCi/g
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				18	%
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	SN-126				0.14	pCi/g
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				28	%
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	TH-234				0.87	pCi/g
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	TH-234 Count Error				33	%
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.22	pCi/g
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				17	%
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	U-235				0.070	pCi/g
W07GR00707	B1MTK0	TRENT	Gamma Energy Analysis-grd H2O	U-235 Count Error				30	%
W07GR00708	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.52	pCi/g
W07GR00708	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				18	%
W07GR00708	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.34	pCi/g
W07GR00708	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				28	%
W07GR00708	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.39	pCi/g
W07GR00708	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				18	%
W07GR00708	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	CS-134				0.025	pCi/g
W07GR00708	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				41	%
W07GR00708	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	K-40				11	pCi/g
W07GR00708	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				13	%
W07GR00708	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.54	pCi/g
W07GR00708	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				14	%

RQ=Result Qualifier

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F07-029 :F07-029

Gronp #: WSCF20070613
Department: Radiochemistry

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W07GR0070B	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.45	pCi/g
W07GR00708	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				15	%
W07GR00708	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.39	pCi/g
W07GR0070B	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				18	%
W07GR00708	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.52	pCi/g
W07GR00708	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				18	%
W07GR0070B	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	SN-126				0.20	pCi/g
W07GR0070B	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				30	%
W07GR00708	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	TH-234				0.82	pCi/g
W07GR00708	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	TH-234 Count Error				30	%
W07GR0070B	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.15	pCi/g
W07GR0070B	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				18	%
W07GR0070B	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	U-235				0.063	pCi/g
W07GR00708	B1MTK1	TRENT	Gamma Energy Analysis-grd H2O	U-235 Count Error				29	%
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.51	pCi/g
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				17	%
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.29	pCi/g
W07GR00709	B1MTK2	TRENT	Gemma Energy Analysis-grd H2O	BI-212 Count Error				25	%
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.37	pCi/g
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				16	%
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	CS-134				0.025	pCi/g
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				33	%
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	K-40				11	pCi/g
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				13	%
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.53	pCi/g

RQ=Result Qualifier

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F07-029 :F07-029

Group #: WSCF20070613
Department: Radiochemistry

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				13	%
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.42	pCi/g
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				14	%
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.37	pCi/g
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				16	%
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.51	pCi/g
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				17	%
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	SN-126				0.087	pCi/g
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				27	%
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.16	pCi/g
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				16	%
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	U-235				0.052	pCi/g
W07GR00709	B1MTK2	TRENT	Gamma Energy Analysis-grd H2O	U-235 Count Error				25	%
W07GR00710	B1MRV6	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.69	pCi/g
W07GR00710	B1MRV6	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				18	%
W07GR00710	B1MRV6	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.46	pCi/g
W07GR00710	B1MRV6	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				20	%
W07GR00710	B1MRV6	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.57	pCi/g
W07GR00710	B1MRV6	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				12	%
W07GR00710	B1MRV6	TRENT	Gamma Energy Analysis-grd H2O	CS-134				0.041	pCi/g
W07GR00710	B1MRV6	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				28	%
W07GR00710	B1MRV6	TRENT	Gamma Energy Analysis-grd H2O	K-40				13	pCi/g
W07GR00710	B1MRV6	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				13	%
W07GR00710	B1MRV6	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.80	pCi/g
W07GR00710	B1MRV6	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				9.4	%

RQ=Result Qualifier

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F07-029 :F07-029

Group #: WSCF20070613
Department: Radiochemistry

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W07GR00710	B1MRV6	TRENT	Gamma Energy Analysis grd H2O	PB-214				0.94	pCi/g
W07GR00710	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				22	%
W07GR00710	B1MRV6	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.49	pCi/g
W07GR00710	B1MRV6	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				16	%
W07GR00710	B1MRV6	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.65	pCi/g
W07GR00710	B1MRV6	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				17	%
W07GR00710	B1MRV6	TRENT	Gamma Energy Analysis-grd H2O	SN-126				0.16	pCi/g
W07GR00710	B1MRV6	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				22	%
W07GR00710	B1MRV6	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.23	pCi/g
W07GR00710	B1MRV6	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				15	%
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.43	pCi/g
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				22	%
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.29	pCi/g
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				33	%
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.39	pCi/g
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				16	%
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	CS-134				0.018	pCi/g
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				43	%
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	K-40				11	pCi/g
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				13	%
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.49	pCi/g
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				10	%
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.57	pCi/g
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				26	%
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.30	pCi/g

RQ=Result Qualifier

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F07-029 :F07-029

Group #: WSCF20070613
Department: Radiochemistry

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				18	%
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.49	pCi/g
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				17	%
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	SN-126				0.084	pCi/g
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				36	%
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	TH-234				0.65	pCi/g
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	TH-234 Count Error				29	%
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.14	pCi/g
W07GR00711	B1MRV8	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				16	%
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.50	pCi/g
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				23	%
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.43	pCi/g
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				23	%
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.51	pCi/g
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				13	%
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	CS-134				0.031	pCi/g
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				33	%
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	K-40				12	pCi/g
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				14	%
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.67	pCi/g
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				10	%
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.82	pCi/g
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				24	%
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.44	pCi/g
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				17	%

RQ=Result Qualifier

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F07-029 :F07-029

Group #: WSCF20070613
Department: Radiochemistry

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.58	pCi/g
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				18	%
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	SN-126				0.15	pCi/g
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				30	%
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	TH-234				1.0	pCi/g
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	TH-234 Count Error				31	%
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.21	pCi/g
W07GR00712	B1MRX8	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				15	%
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.50	pCi/g
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				20	%
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.42	pCi/g
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				23	%
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.50	pCi/g
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				13	%
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	CS-134				0.025	pCi/g
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				39	%
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	K-40				11	pCi/g
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				13	%
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.65	pCi/g
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				11	%
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.89	pCi/g
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				22	%
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.45	pCi/g
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				18	%
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.62	pCi/g

RQ=Result Qualifier

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F07-029 :F07-029

Group #: WSCF20070613
Department: Radiochemistry

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				17	%
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	SN-126				0.14	pCi/g
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				28	%
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	TH-234				0.84	pCi/g
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	TH-234 Count Error				27	%
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.21	pCi/g
W07GR00713	B1MRX9	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				18	%
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.52	pCi/g
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				20	%
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.36	pCi/g
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				22	%
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.56	pCi/g
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				11	%
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis-grd H2O	CS-134				0.023	pCi/g
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				29	%
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis-grd H2O	K-40				12	pCi/g
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				13	%
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis grd H2O	PB-212				0.59	pCi/g
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				9.7	%
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.71	pCi/g
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				24	%
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.45	pCi/g
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				17	%
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.53	pCi/g
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				17	%

RQ=Result Qualifier

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F07-029 :F07-029

Group #: WSCF20070613
Department: Radiochemistry

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis-grd H2O	TH-234				0.80	pCi/g
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis-grd H2O	TH-234 Count Error				32	%
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.18	pCi/g
W07GR00714	B1MRY5	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				14	%
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.67	pCi/g
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				17	%
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.42	pCi/g
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				27	%
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.66	pCi/g
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				12	%
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	CS-134				0.030	pCi/g
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				38	%
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	K-40				14	pCi/g
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				13	%
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.78	pCi/g
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				10	%
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	PB-214				1.1	pCi/g
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				18	%
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.51	pCi/g
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				17	%
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.72	pCi/g
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				16	%
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	SN-126				0.15	pCi/g
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				24	%
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	TH-234				0.69	pCi/g

RQ=Result Qualifier

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F07-029 :F07-029

Group #: WSCF20070613
Department: Radiochemistry

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	TH-234 Count Error				32	%
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.23	pCi/g
W07GR00715	B1MRV7	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				15	%
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.60	pCi/g
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				26	%
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.42	pCi/g
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				24	%
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.57	pCi/g
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				12	%
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	CS-134				0.025	pCi/g
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				41	%
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	K-40				13	pCi/g
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				14	%
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.72	pCi/g
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				11	%
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.97	pCi/g
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				25	%
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.50	pCi/g
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				18	%
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.69	pCi/g
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				18	%
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	SN-126				0.16	pCi/g
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				35	%
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	TH-234				0.82	pCi/g
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	TH-234 Count Error				41	%

RQ=Result Qualifier

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F07-029 :F07-029

Group #: WSCF20070613
Department: Radiochemistry

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.23	pCi/g
W07GR00716	B1MRY4	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				16	%

RQ=Result Qualifier

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WSCF ANALYTICAL LABORATORY QC REPORT

Department: Radiochemistry

SDG Number: WSCF20070613
Matrix: SOLID
Test: Gamma Energy Analysis-grd H2O

Sample Date: 03/21/07
Receive Date:04/11/07

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W07GR00696											
BATCH QC ASSOCIATED WITH SAMPLE											
DUP	Cesium-137	10045-97-3	0.3383		RPD			0.118	20.000		04/18/07
BATCH QC											
BLANK	Cesium-137	10045-97-3	U-1.486e-3	n/a	pCi/g	-10.000	1000.000				04/19/07
LCS	Cesium-137	10045-97-3	4114	114.916	% Recov	80.000	120.000				04/20/07

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Radiochemistry

SDG Number: WSCF20070613
Matrix: SOLID
Test: Strontium 89/90

Sample Date: 03/22/07
Receive Date:04/11/07

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W07GR00714											
BATCH QC ASSOCIATED WITH SAMPLE											
DUP	Sr-85 Tracer by Beta Counting	SR85	95.9	95.900	% Recov	30.000	105.000				04/23/07
DUP	Strontium-89/90	SR-RAD	U-1.1E-01		RPD			n/a	20.000		04/23/07
SURR	Sr-85 Tracer by Beta Counting	SR85	96.1	96.100	% Recov	30.000	105.000				04/23/07
Lab ID: W07GR00715											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Sr-85 Tracer by Beta Counting	SR85	96.4	96.400	% Recov	30.000	105.000				04/23/07
Lab ID: W07GR00716											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Sr-85 Tracer by Beta Counting	SR85	89.1	89.100	% Recov	30.000	105.000				04/23/07
BATCH QC											
BLANK	Sr-85 Tracer by Beta Counting	SR85	96.5	96.500	% Recov	30.000	105.000				04/23/07
BLANK	Strontium-89/90	10098-97-2	U-2.6E-02	n/a	pCi/g	-10.000	300.000				04/23/07
LCS	Sr-85 Tracer by Beta Counting	SR85	93.9	93.900	% Recov	30.000	105.000				04/23/07
LCS	Strontium-89/90	10098-97-2	88.5	103.027	% Recov	80.000	120.000				04/23/07
Lab ID: W07GR00708											
BATCH QC ASSOCIATED WITH SAMPLE											
DUP	Sr-85 Tracer by Beta Counting	SR85	104.3	104.300	% Recov	30.000	105.000				04/19/07
DUP	Strontium-89/90	SR-RAD	U-8.5E-02		RPD			n/a	20.000		04/19/07
SURR	Sr-85 Tracer by Beta Counting	SR85	99.4	99.400	% Recov	30.000	105.000				04/19/07
Lab ID: W07GR00709											
BATCH QC ASSOCIATED WITH SAMPLE											

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Radiochemistry

SDG Number: WSCF20070613
Matrix: SOLID
Test: Strontium 89/90

Sample Date: 03/20/07
Receive Date:04/11/07

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
SURR	Sr-85 Tracer by Beta Counting	SR85	101.6	101.600	% Recov	30.000	105.000				04/19/07
Lab ID: W07GR00710											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Sr-85 Tracer by Beta Counting	SR85	102.8	102.800	% Recov	30.000	105.000				04/19/07
Lab ID: W07GR00711											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Sr-85 Tracer by Beta Counting	SR85	100.7	100.700	% Recov	30.000	105.000				04/19/07
Lab ID: W07GR00712											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Sr-85 Tracer by Beta Counting	SR85	103.4	103.400	% Recov	30.000	105.000				04/19/07
Lab ID: W07GR00713											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Sr-85 Tracer by Beta Counting	SR85	100.8	100.800	% Recov	30.000	105.000				04/19/07
BATCH QC											
BLANK	Sr-85 Tracer by Beta Counting	SR85	98.9	98.900	% Recov	30.000	105.000				04/19/07
BLANK	Strontium-89/90	10098-97-2	U9.0E-01	n/a	pCi/g	-10.000	300.000				04/19/07
LCS	Sr-85 Tracer by Beta Counting	SR85	98.9	98.900	% Recov	30.000	105.000				04/19/07
LCS	Strontium-89/90	10098-97-2	U-8.5E-02	n/a	% Recov	80.000	120.000				04/19/07
Lab ID: W07GR00696											
BATCH QC ASSOCIATED WITH SAMPLE											
DUP	Sr-85 Tracer by Beta Counting	SR85	102.7	102.700	% Recov	30.000	105.000				04/17/07
DUP	Strontium-89/90	SR-RAD	2.7		RPD			3.636	20.000		04/17/07
SURR	Sr-85 Tracer by Beta Counting	SR85	99.4	99.400	% Recov	30.000	105.000				04/17/07

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Radiochemistry

SDG Number: WSCF20070613
Matrix: SOLID
Test: Strontium 89/90

Sample Date: 03/21/07
Receive Date:04/11/07

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W07GR00697											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Sr-85 Tracer by Beta Counting	SR85	95.7	95.700	% Recov	30.000	105.000				04/17/07
Lab ID: W07GR00698											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Sr-85 Tracer by Beta Counting	SR85	104.9	104.900	% Recov	30.000	105.000				04/17/07
Lab ID: W07GR00699											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Sr-85 Tracer by Beta Counting	SR85	96.5	96.500	% Recov	30.000	105.000				04/17/07
Lab ID: W07GR00700											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Sr-85 Tracer by Beta Counting	SR85	96.0	96.000	% Recov	30.000	105.000				04/17/07
Lab ID: W07GR00701											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Sr-85 Tracer by Beta Counting	SR85	97.1	97.100	% Recov	30.000	105.000				04/17/07
BATCH QC											
BLANK	Sr-85 Tracer by Beta Counting	SR85	93.6	93.600	% Recov	30.000	105.000				04/17/07
BLANK	Strontium-89/90	10098-97-2	U-1.6E-01	n/a	pCi/g	-10.000	300.000				04/17/07
LCS	Sr-85 Tracer by Beta Counting	SR85	98.3	98.300	% Recov	30.000	105.000				04/17/07
LCS	Strontium-89/90	10098-97-2	80.2	93.364	% Recov	80.000	120.000				04/17/07
Lab ID: W07GR00702											
BATCH QC ASSOCIATED WITH SAMPLE											
DUP	Sr-85 Tracer by Beta Counting	SR85	97.8	97.800	% Recov	30.000	105.000				04/18/07

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Radiochemistry

SDG Number: WSCF20070613
Matrix: SOLID
Test: Strontium 89/90

Sample Date: 03/22/07
Receive Date:04/11/07

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
DUP	Strontium-89/90	SR-RAD	U-3.7E-01		RPD			n/a	20.000		04/18/07
SURR	Sr-85 Tracer by Beta Counting	SR85	98.6	98.600	% Recov	30.000	105.000				04/18/07
Lab ID: W07GR00703											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Sr-85 Tracer by Beta Counting	SR85	96.9	96.900	% Recov	30.000	105.000				04/18/07
Lab ID: W07GR00704											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Sr-85 Tracer by Beta Counting	SR85	97.9	97.900	% Recov	30.000	105.000				04/18/07
Lab ID: W07GR00705											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Sr-85 Tracer by Beta Counting	SR85	96.5	96.500	% Recov	30.000	105.000				04/18/07
Lab ID: W07GR00706											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Sr-85 Tracer by Beta Counting	SR85	102.1	102.100	% Recov	30.000	105.000				04/18/07
Lab ID: W07GR00707											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Sr-85 Tracer by Beta Counting	SR85	101.5	101.500	% Recov	30.000	105.000				04/18/07
BATCH QC											
BLANK	Sr-85 Tracer by Beta Counting	SR85	97.4	97.400	% Recov	30.000	105.000				04/18/07
BLANK	Strontium-89/90	10098-97-2	U-3.7E-02	n/a	pCi/g	-10.000	300.000				04/18/07
LCS	Sr-85 Tracer by Beta Counting	SR85	94.6	94.600	% Recov	30.000	105.000				04/18/07
LCS	Strontium-89/90	10098-97-2	89.9	100.447	% Recov	80.000	120.000				04/18/07

M4W41-SLF-07-288

ATTACHMENT 4

SAMPLE RECEIPT INFORMATION

Consisting of 26 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

05-10-07

Groundwater Remediation Program

Richland, WA 99354
Attn: Steve Trent

Customer Code: GPP
PO#: 121640/ES10
Group#: 20070613
Project#: F07-029
Proj Mgr: Steve Trent A0-21
Phone: 373-5869

The following samples were received from you on 04/11/07. 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
W07GR00696	B1MTJ0	TRENT @GEA-GPP @SR89_90	Solid, or handle as if solid	03/21/07
W07GR00697	B1MTJ1	TRENT @GEA-GPP @SR89_90	Solid, or handle as if solid	03/21/07
W07GR00698	B1MTJ2	TRENT @GEA-GPP @SR89_90	Solid, or handle as if solid	03/21/07
W07GR00699	B1MTK9	TRENT @GEA-GPP @SR89_90	Solid, or handle as if solid	03/21/07
W07GR00700	B1MTL0	TRENT @GEA-GPP @SR89_90	Solid, or handle as if solid	03/21/07
W07GR00701	B1MTL1	TRENT @GEA-GPP @SR89_90	Solid, or handle as if solid	03/21/07
W07GR00702	B1MTL2	TRENT @GEA-GPP @SR89_90	Solid, or handle as if solid	03/22/07
W07GR00703	B1MRW3	TRENT @GEA-GPP @SR89_90	Solid, or handle as if solid	03/20/07
W07GR00704	B1MRW4	TRENT @GEA-GPP @SR89_90	Solid, or handle as if solid	03/20/07
W07GR00705	B1MRW5	TRENT @GEA-GPP @SR89_90	Solid, or handle as if solid	03/21/07
W07GR00706	B1MTJ9	TRENT @GEA-GPP @SR89_90	Solid, or handle as if solid	03/20/07
W07GR00707	B1MTK0	TRENT @GEA-GPP @SR89_90	Solid, or handle as if solid	03/21/07
W07GR00708	B1MTK1	TRENT @GEA-GPP @SR89_90	Solid, or handle as if solid	03/20/07
W07GR00709	B1MTK2	TRENT @GEA-GPP @SR89_90	Solid, or handle as if solid	03/20/07
W07GR00710	B1MRV6	TRENT @GEA-GPP @SR89_90	Solid, or handle as if solid	03/26/07

Groundwater Remediation Program

Richland, WA 99354
Attn: Steve Trent

Customer Code: GPP
PO#: 121640/ES10
Group#: 20070613
Project#: FC7-029
Proj Mgr: Steve Trent A0-21
Phone: 373-5869

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
W07GR00711	B1MRV8	TRENT @GEA-GPP @SR89_90	Solid, or handle as if solid	03/26/07
W07GR00712	B1MRX8	TRENT @GEA-GPP @SR89_90	Solid, or handle as if solid	03/26/07
W07GR00713	B1MRX9	TRENT @GEA-GPP @SR89_90	Solid, or handle as if solid	03/26/07
W07GR00714	B1MRY5	TRENT @GEA-GPP @SR89_90	Solid, or handle as if solid	03/22/07
W07GR00715	B1MRV7	TRENT @2008 @GEA-GPP @GPP6010 @IC-30 @PCBGPP @SR89_90 PERSOLID	Solid, or handle as if solid	03/26/07
W07GR00716	B1MRY4	TRENT @2008 @GEA-GPP @GPP6010 @IC-30 @PCBGPP @SR89_90 PERSOLID	Solid, or handle as if solid	03/22/07

Test Acronym Description

Test Acronym	Description
@2008	ICP-200.8 MS All possible meta
@GEA-GPP	Gamma Energy Analysis-grd H2O
@GPP6010	ICP Metals Analysis, Grd H2O P
@IC-30	Anions by Ion Chromatography
@PCBGPP	PCBs complete list
@SR89_90	Strontium 89/90
PERSOLID	Percent Solids

Fluor Hanford Inc. 05-10-07 20070613 CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST F07-029-048 PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	DATA TURNAROUND
Lanman Hughes	TRENT, SJ	373-5869	TRENT, SJ	8H	30 Days / 30 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.	AIR QUALITY
C5619, I-2 0.5' – 1' bgs	UR-1 Operable Unit Auger and Surficial Sampling	F07-029	

ICE CHEST NO.	FIELD LOGBOOK NO.	COA	METHOD OF SHIPMENT
		121640ES10	GOVERNMENT VEHICLE

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

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

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
TYPE OF CONTAINER	Square Bottle - Poly
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	[redacted]
B1MTJ0 W076R0066	SOIL	3-21-07	0935	

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
R HUGHES	3-21-07 1300	BrCl RMA Fridge	3-21-07 1300
RC Kel	4-11-07 1200	W.M. Wise	4-11-07 1200
W. M. Wise	4-11-07 1300		4/11/07 1300

SPECIAL INSTRUCTIONS
(1)Gamma Spectroscopy {Cesium-137} Strontium-89,90 -- Total Sr;

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

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-029-049

COLLECTOR: Lanman, Hughes	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 8H	DATA TURNAROUND: 30 Days / 30 Days		
SAMPLING LOCATION: C5619, I-3 2.5'-3.5' bgs	PROJECT DESIGNATION: UR-1 Operable Unit Auger and Surficial Sampling		SAF NO.: F07-029
AIR QUALITY:			
ICE CHEST NO.:	FIELD LOGBOOK NO.:	COA: 121640E510	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=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
TYPE OF CONTAINER	Square Bottle - Poly
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1MTJ1 1.97	SOIL	3-21-07	1020	✓

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Hughes [signature]	3-21-07 1300	BC Cold Rm A Fridge	3-21-07 1300
BC Kel	4-11-07 1200	W. M. Wise [signature]	4-11-07 1200
W. M. Wise [signature]	4-11-07 1300	[signature]	4/11/07 1300

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

(1)Gamma Spectroscopy {Cesium-137} Strontium-89,90 -- Total Sr;

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

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-029-050 PAGE 1 OF 1

COLLECTOR: Lanman, Hughes	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
SAMPLING LOCATION: C5619, I-4 6'-7' bgs	PROJECT DESIGNATION: UR-1 Operable Unit Auger and Surficial Sampling		SAF NO.: F07-029
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 121640ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

PRICE CODE: 8H

AIR QUALITY: [ ]

DATA TURNAROUND: 30 Days / 30 Days

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

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
TYPE OF CONTAINER	Square Bottle - Poly
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1MTJ2 698	SOIL	3-21-07	1040	✓

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
K Hughes [signature]	3-21-07 1300	BC Cribbs MA Fridge	3-21-07 1300
BC Ref.	4-11-07 1200	W. M. Wise [signature]	4-11-07 1200
W. M. Wise [signature]	4-11-07 1300	R Bodoe [signature]	4/11/07 1300

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

(1)Gamma Spectroscopy {Cesium-137} Strontium-89,90 -- Total Sr;

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

A-6003-618(01/06)

Fluor Hanford Inc. | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | F07-029-067 | PAGE 1 OF 1

COLLECTOR: Lanman Hughes	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: BH	DATA TURNAROUND: 30 Days / 30 Days		
SAMPLING LOCATION: C5623, I-1 0 - 0.5' bgs	PROJECT DESIGNATION: UR-1 Operable Unit Auger and Surficial Sampling		SAF NO.: F07-029
AIR QUALITY:			
ICE CHEST NO.:	FIELD LOGBOOK NO.:	COA: 121640ES10	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=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
TYPE OF CONTAINER	Square Bottle - Poly
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1MTK9 699	SOIL	3-21-07	1130	✓

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
L Hughes B Hughes	3-21-07 1300	BC Crib & MA Fridge	3-21-07 1300
BC Ref	4-11-07 1200	W. M. Wise	4-4-07 1200
W. M. Wise	4-11-07 1300	K Boobar	4/11/07 1300

SPECIAL INSTRUCTIONS

(1)Gamma Spectroscopy {Cesium-137} Strontium-89,90 -- Total Sr;

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

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-029-068 PAGE 1 OF 1

COLLECTOR: Lanman, Hughes	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 8H	DATA TURNAROUND: 30 Days / 30 Days		
SAMPLING LOCATION: C5623, I-2 0.5'-1' bgs	PROJECT DESIGNATION: UR-1 Operable Unit Auger and Surficial Sampling		SAF NO.: F07-029
AIR QUALITY: ☐			
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 121640ES10	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=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
TYPE OF CONTAINER	Square Bottle - Poly
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1MTL0 700	SOIL	3-21-07	1135

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
K NUGHES [signature]	3-21-07 1300	[signature] RMA Fridge	3-21-07 1300
B C Ref	4-11-07 1200	W. M. Wise [signature]	4-11-07 1200
W. M. Wise [signature]	4-11-07 1300	[signature]	4/11/07 1300

SPECIAL INSTRUCTIONS

(1)Gamma Spectroscopy {Cesium-137} Strontium-89,90 -- Total Sr;

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

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-029-069

COLLECTOR: Lanman Hughes	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 8H	DATA TURNAROUND: 30 Days / 30 Days		
SAMPLING LOCATION: C5623, I-3 2.5' – 3.5' bgs	PROJECT DESIGNATION: UR-1 Operable Unit Auger and Surficial Sampling	SAF NO.: F07-029	AIR QUALITY:
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 121640ES10	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=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
TYPE OF CONTAINER	Square Bottle - Poly
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1MTL1 701	SOIL	3-21-07	1150

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
[illegible]	3/21-07/1300	BC Gamma Fridge	3-21-07/1300
BC Ref	4-11-07 1200	W. M. Wise	4-11-07 1200
W. M. Wise	4-11-07 1300	[illegible]	4/11/07 1300

SPECIAL INSTRUCTIONS

(1)Gamma Spectroscopy {Cesium-137} Strontium-89,90 -- Total Sr;

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

A-6003-618(01/06)

Fluor Hanford Inc. | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | F07-029-070 | PAGE 1 OF 1

COLLECTOR: Lanman, Hughes	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
SAMPLING LOCATION: C5623, I-4 6-7' bgs	PROJECT DESIGNATION: UR-1 Operable Unit Auger and Surficial Sampling		SAF NO.: F07-029
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 121640ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

PRICE CODE: 8H | AIR QUALITY: ☐ | DATA TURNAROUND: 30 Days / 30 Days

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

POSSIBLE SAMPLE HAZARDS/ REMARKS

PRESERVATION	None
TYPE OF CONTAINER	Square Bottle - Poly
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SPECIAL HANDLING AND/OR STORAGE

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1MTL2 702	SOIL	3-22-07	0845	✓

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RHUGHES [signature]	3-22-07 / 1500	BC Crib PMA Fridge	3-22-07 / 1500
BC Ref	4-11-07 1200	W. M. Wise [signature]	4-11-07 1200
W. M. Wise [signature]	4-11-07 1300	K Barber [signature]	4/11/07 1300

SPECIAL INSTRUCTIONS

(1)Gamma Spectroscopy {Cesium-137} Strontium-89,90 -- Total Sr;

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

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-029-018 PAGE 1 OF 1

COLLECTOR: Lanman Hughes	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
SAMPLING LOCATION: C5615, 1-2 ~~Lanman Hugh~~ 0.5- 1' bgs	PROJECT DESIGNATION: UR-1 Operable Unit Auger and Surficial Sampling		SAF NO.: F07-029
ICE CHEST NO.:	FIELD LOGBOOK NO.:	COA: 121640E510	METHOD OF SHIPMENT: GOVERNMENT VEHICLE
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

PRICE CODE: 2A

AIR QUALITY: ☐

DATA TURNAROUND: 24 Hours / 15 Days

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

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
TYPE OF CONTAINER	Square Bottle - Poly
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1MRW3 703	SOIL	3-20-07	1350	✓

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
L HUGHES [signature]	3-20-07 / 14:50	BC Cub RMA Trailer	3-20-07 / 1450
BC Ref	4-11-07 1200	W. M. Wise [signature]	4-11-07 1200
W. M. Wise [signature]	4-11-07 1300	[signature]	4/11/07 1300

SPECIAL INSTRUCTIONS

(1)Gamma Spectroscopy {Cesium-137} Strontium-89,90 -- Total Sr;

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

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-029-019 PAGE 1 OF 1

COLLECTOR: Lanman Hughes	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
SAMPLING LOCATION: C5615, 1-3 3'-4' bgs	PROJECT DESIGNATION: UR-1 Operable Unit Auger and Surficial Sampling		SAF NO.: F07-029
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 121640ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

PRICE CODE: 2A

AIR QUALITY:

DATA TURNAROUND: 24 Hours / 15 Days

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

POSSIBLE SAMPLE HAZARDS / REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
TYPE OF CONTAINER	Square Bottle - Poly
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1MRW4 704	SOIL	3-20-07	1415	✓

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Hughes	3-20-07 1430	BC Crib & MA Trailer	3-20-07 1450
BC Rel	4-11-07 1200	W. M. Wise	4-11-07 1200
W. M. Wise	4-11-07 1300		4/11/07 1300

SPECIAL INSTRUCTIONS

(1)Gamma Spectroscopy {Cesium-137} Strontium-89,90 -- Total Sr;

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

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-029-020

COLLECTOR: L Lanman / K Hughes	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 2A	DATA TURNAROUND: 24 Hours / 15 Days		
SAMPLING LOCATION: C5615, 1-4 6'-7' bgs	PROJECT DESIGNATION: UR-1 Operable Unit Auger and Surficial Sampling		SAF NO.: F07-029
AIR QUALITY			
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 121640E510	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=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
TYPE OF CONTAINER	Square Bottle - Poly
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1MRW5 705	SOIL	3-21-07	3-21-07 0830

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
[illegible]	3-20-07 1450	BC Crib RMA [illegible]	3-20-07 1450 3-20-07
L Lanman / L Lanman	3-21-07 1300	BC Crib RMA Fridy	3/21/07 1300
BC Ref	4-11-07 1200	W. M. Wise	4-11-07 1200
W. M. Wise	4-11-07 1300	[illegible]	4/11/07 1300

SPECIAL INSTRUCTIONS

(1)Gamma Spectroscopy {Cesium-137} Strontium-89,90 -- Total Sr;

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

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-029-057 PAGE 1 OF 1

COLLECTOR: Larman, Hughes	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: BH	DATA TURNAROUND: 30 Days / 30 Days		
SAMPLING LOCATION: C5621, I-1 0 - 0.5' bgs	PROJECT DESIGNATION: UR-1 Operable Unit Auger and Surficial Sampling	SAF NO.: F07-029	AIR QUALITY
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 121640ES10	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=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
TYPE OF CONTAINER	Square Bottle - Poly
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1MTJ9 706	SOIL	03-20-07	1005

CHAIN OF POSSESSION	DATE/TIME	SIGN/ PRINT NAMES: RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM: K Hughes	3-20-07/1450	RECEIVED BY/STORED IN: BC Crane RMA Trailer	3-20-07/1450
RELINQUISHED BY/REMOVED FROM: BC Ref	4-11-07 1200	RECEIVED BY/STORED IN: W.M. Wise	4-11-07 1200
RELINQUISHED BY/REMOVED FROM: W.M. Wise	4-11-07 1300	RECEIVED BY/STORED IN: K Barber	4/11/07 1300
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	

SPECIAL INSTRUCTIONS

(1)Gamma Spectroscopy {Cesium-137} Strontium-89,90 -- Total Sr;

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

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-029-058 PAGE 1 OF 1

COLLECTOR: Hughes, Lanman	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 8H	DATA TURNAROUND: 30 Days / 30 Days		
SAMPLING LOCATION: C5621, I-2 0.5' - 1.0' bgs	PROJECT DESIGNATION: UR-1 Operable Unit Auger and Surficial Sampling	SAF NO.: F07-029	AIR QUALITY:
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 121640ES10	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=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
TYPE OF CONTAINER	Square Bottle - Poly
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1MTK0 707	SOIL	03-21-07	1015

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Hughes/Lanman	3-20-07/1450	BC Crib & MA Trailer	3-20-07/1450
BC Crib	4-11-07 1200	W.M. Wise	4-11-07 1200
W.M. Wise	4-11-07 1300	TA Frazier	4-11-07 1300

SPECIAL INSTRUCTIONS

(1)Gamma Spectroscopy {Cesium-137} Strontium-89,90 -- Total Sr;

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

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-029-059 | PAGE 1 OF 1

COLLECTOR: Lanman Hughes	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
SAMPLING LOCATION: C5621, I-3 3'-4' bgs	PROJECT DESIGNATION: UR-1 Operable Unit Auger and Surficial Sampling		SAP NO.: F07-029
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 121640ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

PRICE CODE: 8H

AIR QUALITY:

DATA TURNAROUND: 30 Days / 30 Days

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

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
TYPE OF CONTAINER	Square Bottle - Poly
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1MTK1 708	SOIL	03-20-07	1040	✓

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
K Hughes [signature]	3-20-07/1450	BC Cub RMA Trailer	3-20-07/1450
BC Rep	4-11-07 1200	W. M. Wise [signature]	4-11-07 1200
W. M. Wise [signature]	4-11-07 1300	TA Frazier [signature]	4-11-07 1300

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

(1)Gamma Spectroscopy {Ceslum-137} Strontium-89,90 -- Total Sr;

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

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-029-060 | PAGE 1 OF 1

COLLECTOR: Lanman Hughes	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 8H	DATA TURNAROUND: 30 Days / 30 Days		
SAMPLING LOCATION: C5621, I-4 6'-7' bgs	PROJECT DESIGNATION: UR-1 Operable Unit Auger and Surficial Sampling	SAF NO.: F07-029	AIR QUALITY:
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 121640ES10	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=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
TYPE OF CONTAINER	Square Bottle - Poly
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1MTK2 709	SOIL	3-20-07	1250	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: KHUGHES [signature]	DATE/TIME: 3-20-07 1450	RECEIVED BY/STORED IN: BC Cold RMA Trailer	DATE/TIME: 3-20-07 1450
RELINQUISHED BY/REMOVED FROM: BC Ref	DATE/TIME: 4-11-07 1200	RECEIVED BY/STORED IN: W. M. Wise [signature]	DATE/TIME: 4-11-07 1200
RELINQUISHED BY/REMOVED FROM: W. M. Wise [signature]	DATE/TIME: 4-11-07 1300	RECEIVED BY/STORED IN: TA Brazier [signature]	DATE/TIME: 4-11-07 1300
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

(1)Gamma Spectroscopy {Cesium-137} Strontium-89,90 -- Total Sr;

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

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-029-010 PAGE 1 OF 1

COLLECTOR: Lanman Wis	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 8H	DATA TURNAROUND: 30 Days / 30 Days	AIR QUALITY:	
SAMPLING LOCATION: C5614, I-2 0.5' - 1' bgs	PROJECT DESIGNATION: UR-1 Operable Unit Auger and Surficial Sampling	SAF NO.: F07-029	
ICE CHEST NO.:	FIELD LOGBOOK NO.:	COA: 121640ES10	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=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
TYPE OF CONTAINER	Square Bottle - Poly
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1MRV6 710	SOIL	3-26-07	0900

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
W.M. Wise / [signature]	3-26-07 1500	BC Rep	3-26-07 1500
BC Rep	4-11-07 1200	W.M. Wise / [signature]	4-11-07 1200
W.M. Wise / [signature]	4-11-07 1300	TA Forrier Sec. Fuge	4-11-07 1300

SPECIAL INSTRUCTIONS

(1)Gamma Spectroscopy {Cesium-137} Strontium-89,90 -- Total Sr; Activity Scan;

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

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-029-012 PAGE 1 OF 1

COLLECTOR: Lanman Wise	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
SAMPLING LOCATION: C5614, I-4 6'-7' bgs	PROJECT DESIGNATION: UR-1 Operable Unit Auger and Surficial Sampling		SAF NO.: F07-029
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 121640ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

PRICE CODE: 8H

AIR QUALITY: ☐

DATA TURNAROUND: 30 Days / 30 Days

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegitation
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)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
TYPE OF CONTAINER	Square Bottle - Poly
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1MRV8 711	SOIL	3-26-07	1005	✓

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
W. M. Wise [signature]	3-26-07 1500	BC Rel [signature]	3-26-07 1500
BC Rel [signature]	4-11-06 1200	W. M. Wise [signature]	4-11-07 1200
W. M. Wise [signature]	4-11-07 1300	TA FRAZIER [signature]	4-11-07 1300

SPECIAL INSTRUCTIONS

(1)Gamma Spectroscopy {Cesium-137} Strontium-89,90 -- Total Sr; Activity Scan;

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

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-029-034 PAGE 1 OF 1

COLLECTOR: Lanman Wise	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 8H	DATA TURNAROUND: 30 Days / 30 Days	AIR QUALITY: ☐	SAMPLING LOCATION: C5617, 1-3 2.5' - 3.5' bgs
PROJECT DESIGNATION: UR-1 Operable Unit Auger and Surficial Sampling	SAF NO.: F07-029	ICE CHEST NO.	FIELD LOGBOOK NO.
COA: 121640ES10	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=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
TYPE OF CONTAINER	Square Bottle - Poly
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1MRX8 712	SOIL	3-26-07	1315

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
W. M. Wise Wise	3-26-07 1500	B C Reg	3-26-07 1500
B C Reg	4-11-07 1200	W. M. Wise Wise	4-11-07 1200
W. M. Wise Wise	4-11-07 1300	TA Frazier Frazier	4-11-07 1300

SPECIAL INSTRUCTIONS

(1)Gamma Spectroscopy {Cesium-137} Strontium-89,90 -- Total Sr;

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

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-029-035

COLLECTOR: Lanman Wise	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 8H	DATA TURNAROUND: 30 Days / 30 Days		
SAMPLING LOCATION: C5617, 1-4 6' - 7' bgs	PROJECT DESIGNATION: UR-1 Operable Unit Auger and Surficial Sampling	SAF NO.: F07-029	AIR QUALITY
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 121640ES10	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=Vegitation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
TYPE OF CONTAINER	Square Bottle - Poly
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1MRX9 713	SOIL	3-26-07	1330	✓

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
W. M. Wise Wise	3-26-07 1500	BC Ref	3-26-07 1500
BC Ref	4/11/07 1200	W. M. Wise Wise	4-11-07 1200
W. M. Wise Wise	4/11/07 1300	TA FRAZIER Frazier	4-11-07 1300

SPECIAL INSTRUCTIONS

(1)Gamma Spectroscopy {Cesium-137} Strontium-89,90 -- Total Sr;

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

A-6003-618(01/06)

Fluor Hanford Inc. | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | F07-029-045 | PAGE 1 OF 1

COLLECTOR: Lanman, Hughes	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ	PRICE CODE: BH
SAMPLING LOCATION: C5618, I-4 6'-8' bgs	PROJECT DESIGNATION: UR-1 Operable Unit Auger and Surficial Sampling		SAF NO.: F07-029	AIR QUALITY: ☐
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 121640ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE	
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A	

DATA TURNAROUND: 30 Days / 30 Days

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

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	None
TYPE OF CONTAINER	Square Bottle - Poly
NO. OF CONTAINER(S)	1
VOLUME	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1MRY5 714	SOIL	3-22-07	1030

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: R.J. Hughes	DATE/TIME: 3-22-07/1500	RECEIVED BY/STORED IN: BC Crib PMA Friday	DATE/TIME: 3-22-07/1500
RELINQUISHED BY/REMOVED FROM: BC Crib	DATE/TIME: 4-11-07 1200	RECEIVED BY/STORED IN: W.M. Wise	DATE/TIME: 4-11-07 1200
RELINQUISHED BY/REMOVED FROM: W.M. Wise	DATE/TIME: 4/11/07 1300	RECEIVED BY/STORED IN: TA Frazier	DATE/TIME: 4-11-07 1300
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

(1)Gamma Spectroscopy {Cesium-137} Strontium-89,90 -- Total Sr;

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

A-6003 618(01/06)

Fluor Hanford Inc. | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | F07-029-011 | PAGE 1 OF 1

COLLECTOR: Lanman Wise	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 8H	DATA TURNAROUND: 30 Days / 30 Days		
SAMPLING LOCATION: C5614, 1-3 2.5 - 3.5' bgs	PROJECT DESIGNATION: UR-1 Operable Unit Auger and Surficial Sampling		SAF NO.: F07-029
AIR QUALITY:			
ICE CHEST NO.:	FIELD LOGBOOK NO.:	COA: ~~121640E510~~ TMT3607	METHOD OF SHIPMENT: GOVERNMENT VEHICLE
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.: N/A	121527E510	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=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C	None
TYPE OF CONTAINER	aG	Square Bottle - Poly
NO. OF CONTAINER(S)	1	1
VOLUME	120mL	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS

TMT3607

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1MRV7 715	SOIL	3-26-07	0955	~~09~~ 3-26-07

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
W. M. Wise Wise	3-26-07 1500	B C Ref	3-26-07 1500
B C Ref	4-11-07 1200	W. M. Wise Wise	4-11-07 1200
W. M. Wise Wise	4-11-07 1300	TA Frazier Teresa Fazio	4-11-07 1300

SPECIAL INSTRUCTIONS

(1)ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Manganese, Nickel, Silver, Vanadium, Zinc} ICP/MS - 200.8 {Add-on} {Arsenic, Beryllium, Lead, Molybdenum, Selenium, Thallium, Tin, Uranium} ICP Metals - 6010B (Add-On) {Boron, Lithium} 200.8_HG - ICPMS; IC Anions - 300.0 {Chloride, Fluoride, Sulfate} PCBs - 8082;

~~(2)Gamma Spectroscopy {Cesium-137} Strontium-89,90 - Total Sr; Activity Scan;~~

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

A-6003-618(01/06)

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	DATA TURNAROUND
Lanman Wise	TRENT, SJ	373-5869	TRENT, SJ	8H	30 Days / 30 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.	AIR QUALITY
C5614, I-3 2.5' - 3.5' bgs	UR-1 Operable Unit Auger and Surficial Sampling	F07-029	[ ]

ICE CHEST NO.	FIELD LOGBOOK NO.	COA	METHOD OF SHIPMENT
		121640ES10	GOVERNMENT VEHICLE

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

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

POSSIBLE SAMPLE HAZARDS/ REMARKS

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C	None
TYPE OF CONTAINER	aG	Square Bottle - Poly
NO. OF CONTAINER(S)	1	1
VOLUME	120mL	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS

MM 3-6-07

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME		
B1MRV7 715	SOIL	3-26-07	0955	✓	

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
W. M. Wise	3-26-07 1500	B C Ref	3-26-07 1500
B C Ref	4-11-07 1200	W. M. Wise	4-11-07 1200
W. M. Wise	4-11-07 1300	TA Frazier	4-11-07 1300

SPECIAL INSTRUCTIONS

(1)ICP/MS - 200.8 (TAL) ~~{Antimony, Barium, Cadmium, Chromium~~, Cobalt, Copper, Manganese, Nickel, Silver, ~~Vanadium, Zinc}~~ ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, ~~Molybdenum~~, Selenium, Thallium, Tin, Uranium} ICP Metals - 6010B (Add-On) ~~{Boron~~, Lithium} 200.8_HG - ICPMS; IC Anions - 300.0 {Chloride, Fluoride, ~~Sulfate}~~ PCBs - 8082;
(2)Gamma Spectroscopy {Cesium-137} Strontium-89,90 -- Total Sr; Activity Scan;

MM 3-6-07

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

A-6003-618(01/06)

Fluor Hanford Inc. | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | F07-029-042 | PAGE 1 OF 1

COLLECTOR Lanman, Hughes	**COMPANY CONTACT** TRENT, SJ	**TELEPHONE NO.** 373-5869	**PROJECT COORDINATOR** TRENT, SJ
SAMPLING LOCATION C5618, I-3 2.5' - 3.5' bgs	**PROJECT DESIGNATION** UR-1 Operable Unit Auger and Surficial Sampling		**SAF NO.** F07-029
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 121640ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE
SHIPPED TO Waste Sampling & Characterization	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

PRICE CODE 8H | **AIR QUALITY** ☐ | **DATA TURNAROUND** 30 Days / 30 Days

MATRIX*: A=Air, DL=Drum Liquids, DS=Drum Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegitation, 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)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C	None
TYPE OF CONTAINER	aG	Square Bottle - Poly
NO. OF CONTAINER(S)	1	1
VOLUME	120mL	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS

MDT 3-27-07

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME		
B1MRY4 ~~716~~ 716	SOIL	3-22-07	1015		✓

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
[illegible]	3-22-07 1500	By Crib DMA Fridge	3-22-07 1500
B C Rd	4-11-07 1200	W. M. Wise [illegible]	4-11-07 1200
W. M. Wise [illegible]	4-11-07 1300	TA FRAZIER [illegible]	4-11-07 1300

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS
(1)ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Manganese, Nickel, Silver, Vanadium, Zinc} ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Molybdenum, Selenium, Thallium, Tin, Uranium} ICP Metals - 6010B (Add-On) {Boron, Lithium} 200.8_HG - ICPMS; IC Anions - 300.0 {Chloride, Fluoride, Sulfate} PCBs - 8082;
(2)Gamma Spectroscopy {Cesium-137} Strontium-89,90 -- Total Sr;

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

A-6003-618(01/06)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F07-029-042 PAGE 1 OF 1

COLLECTOR: Lanman Hughes	COMPANY CONTACT: TRENT, SJ	TELEPHONE NO.: 373-5869	PROJECT COORDINATOR: TRENT, SJ
SAMPLING LOCATION: C5618, 1-3 2.5' - 3.5' bgs	PROJECT DESIGNATION: UR-1 Operable Unit Auger and Surficial Sampling		SAF NO.: F07-029
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: ~~121640ES10~~ TMJ 3-7-07 121527ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

PRICE CODE: 8H

AIR QUALITY:

DATA TURNAROUND: 30 Days / 30 Days

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)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C	None
TYPE OF CONTAINER	aG	Square Bottle - Poly
NO. OF CONTAINER(S)	1	1
VOLUME	120mL	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS

TMJ 3-7-07

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME		
B1MRY4 ~~718~~ 716	SOIL	3-22-07	1015	✓	

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RHUGHES [signature]	3-22-07/1500	BC Cr. bOMA Fridge	3-22-07/1500
BC Ref	4-11-07 1200	W. M. Wise [signature]	4/11/07 1200
W. M. Wise [signature]	4/11/07 1300	TA FRAZIER Teresa Frazier	4-11-07 1300

SPECIAL INSTRUCTIONS

(1)ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Manganese, Nickel, Silver, Vanadium, Zinc} ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Molybdenum, Selenium, Thallium, Tin, Uranium} ICP Metals - 6010B (Add-On) {Boron, Lithium} 200.8_HG - ICPMS; IC Anions - 300.0 {Chloride, Fluoride, Sulfate} PCBs - 8082;

(2)~~Gamma Spectroscopy {Cesium-137} Strontium-89,90 - Total~~ Sr; TMJ 3-7-07

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

A-6003-618(01/06)