

RECEIVED JUNE 24, 2008

Lionville Laboratory, Inc.
INORGANIC ANALYTICAL DATA PACKAGE FOR
TNUHANFORD F08-031 H3735

DATE RECEIVED: 05/16/08

LVL LOT # :0805L137

CLIENT ID /ANALYSIS	LVL #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
B1VDM1						
% SOLIDS	001	S	08L%S051	05/12/08	05/20/08	05/21/08
% SOLIDS	001 REP	S	08L%S051	05/12/08	05/20/08	05/21/08
FLUORIDE BY IC	001	S	08LICT43	05/12/08	06/18/08	06/18/08
NITRITE BY IC	001	S	08LICT43	05/12/08	06/18/08	06/18/08
NITRATE BY IC	001	S	08LICT43	05/12/08	06/18/08	06/18/08
CHROMIUM VI	001	S	08LVI051	05/12/08	06/09/08	06/09/08
SULFATE BY IC	001	S	08LICT43	05/12/08	06/18/08	06/18/08
B1VDR8						
% SOLIDS	002	S	08L%S051	05/12/08	05/20/08	05/21/08
FLUORIDE BY IC	002	S	08LICT43	05/12/08	06/18/08	06/18/08
NITRITE BY IC	002	S	08LICT43	05/12/08	06/18/08	06/18/08
NITRATE BY IC	002	S	08LICT43	05/12/08	06/18/08	06/18/08
CHROMIUM VI	002	S	08LVI051	05/12/08	06/09/08	06/09/08
SULFATE BY IC	002	S	08LICT43	05/12/08	06/18/08	06/18/08
B1VDT1						
% SOLIDS	003	S	08L%S051	05/12/08	05/20/08	05/21/08
FLUORIDE BY IC	003	S	08LICT43	05/12/08	06/18/08	06/18/08
FLUORIDE BY IC	003 REP	S	08LICT43	05/12/08	06/18/08	06/18/08
FLUORIDE BY IC	003 MS	S	08LICT43	05/12/08	06/18/08	06/18/08
NITRITE BY IC	003	S	08LICT43	05/12/08	06/18/08	06/18/08
NITRITE BY IC	003 REP	S	08LICT43	05/12/08	06/18/08	06/18/08
NITRITE BY IC	003 MS	S	08LICT43	05/12/08	06/18/08	06/18/08
NITRATE BY IC	003	S	08LICT43	05/12/08	06/18/08	06/18/08
NITRATE BY IC	003 REP	S	08LICT43	05/12/08	06/18/08	06/18/08
NITRATE BY IC	003 MS	S	08LICT43	05/12/08	06/18/08	06/18/08
CHROMIUM VI	003	S	08LVI051	05/12/08	06/09/08	06/09/08
CHROMIUM VI	003 REP	S	08LVI051	05/12/08	06/09/08	06/09/08
CHROMIUM VI	003 MS	S	08LVI051	05/12/08	06/09/08	06/09/08
CHROMIUM VI	003 MSD	S	08LVI051	05/12/08	06/09/08	06/09/08
SULFATE BY IC	003	S	08LICT43	05/12/08	06/18/08	06/18/08
SULFATE BY IC	003 REP	S	08LICT43	05/12/08	06/18/08	06/18/08

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Lionville Laboratory, Inc.
 INORGANIC ANALYTICAL DATA PACKAGE FOR
 TNUHANFORD F08-031 H3735

DATE RECEIVED: 05/16/08

LVL LOT # :0805L137

CLIENT ID /ANALYSIS	LVL #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
SULFATE BY IC	003 MS	S	08LICT43	05/12/08	06/18/08	06/18/08

LAB QC:

FLUORIDE BY IC	MB1	S	08LICT43	N/A	06/18/08	06/19/08
FLUORIDE BY IC	MB1 BS	S	08LICT43	N/A	06/18/08	06/18/08
NITRITE BY IC	MB1	S	08LICT43	N/A	06/18/08	06/19/08
NITRITE BY IC	MB1 BS	S	08LICT43	N/A	06/18/08	06/18/08
NITRATE BY IC	MB1	S	08LICT43	N/A	06/18/08	06/19/08
NITRATE BY IC	MB1 BS	S	08LICT43	N/A	06/18/08	06/18/08
CHROMIUM VI	MB1	S	08LVI051	N/A	06/09/08	06/09/08
CHROMIUM VI	MB1 BS	S	08LVI051	N/A	06/09/08	06/09/08
CHROMIUM VI	MB1 BSD	S	08LVI051	N/A	06/09/08	06/09/08
SULFATE BY IC	MB1	S	08LICT43	N/A	06/18/08	06/19/08
SULFATE BY IC	MB1 BS	S	08LICT43	N/A	06/18/08	06/18/08



Analytical Report

Client: TNU-HANFORD F08-031 H3735
LVL#: 0805L137

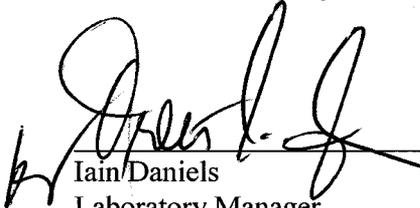
W.O.#: 11343-606-001-9999-00
Date Received: 05-16-08

INORGANIC NARRATIVE

1. This narrative covers the analyses of 3 soil samples.
2. The samples were prepared and analyzed in accordance with the methods indicated on the attached glossary.

LvLI is NELAP accredited by the State of Pennsylvania. For a complete list of accrediting authorities and the corresponding analytes/methods, please contact your Project Manager. LvLI certifies that all test results meet the requirements of NELAC with any exception noted in the following statements.

3. Sample holding times as required by the method and/or contract were met.
4. The results presented in this report are derived from samples that met LvLI's sample acceptance policy.
5. The method blanks were within the method criteria.
6. The Laboratory Control Samples (LCS) were within the laboratory control limits.
7. The matrix spike (MS) recoveries were within the 75-125% control limits .
8. The replicate analyses were within the 20% Relative Percent Difference (RPD) control limit.
9. Results for soil samples are reported on a dry weight basis.
10. I certify that this sample data package is in compliance with SOW requirements, both technically and for completeness, other than the conditions detailed above. Release of the data contained in this hard copy package has been authorized by the Laboratory Manager or a designee, as verified by the following signature.


Iain Daniels
Laboratory Manager
Lionville Laboratory Incorporated


Date

njpi05-137

The results presented in this report relate to the analytical testing and conditions of the samples upon receipt and during storage. All pages of this report are integral parts of the analytical data. Therefore, this report should only be reproduced in its entirety of 14 pages.

Lionville Laboratory Incorporated

WET CHEMISTRY

METHODS GLOSSARY FOR SOIL/SOLIDS SAMPLE ANALYSIS

	<u>ASTM</u>	<u>SW846</u>	<u>OTHER</u>
% Ash	___ D2216-80		
% Moisture	___ D2216-80		___ ILMO4.0 (e)
% Solids	✓ D2216-80		___ ILMO4.0 (e)
% Volatile Solids	___ D2216-80		
ASTM Extraction in Water	___ D3987-81/85		
BTU	___ D240-87		
CEC		___ 9081	___ c
Chromium VI		✓ 3060A/7196A	
Corrosivity ___ by coupon ___ by pH		___ 1110(mod) ___ 9045C	
Cyanide, Total		___ 9010B	___ ILMO4.0 (e)
Cyanide, Reactive		___ Section 7.3/9014	
Halides, Extractable Organic		___ 9020B	___ EPA 600/4/84-008
Halides, Total		___ 9020B	___ EPA 600/4/84-008
EP Toxicity		___ 1310A	
Flash Point		___ 1010	
Ignitability		___ 1010	
Oil & Grease		___ 9071A	
Carbon, Total Organic		___ 9060	___ Lloyd Kahn (mod)
Oxygen Bomb Prep for Anions	___ D240-87(mod)	___ 5050	
Petroleum Hydrocarbons, Total Recoverable		___ 9071	___ EPA 418.1
pH, Soil		___ 9045C	
Sulfide, Reactive		___ Section 7.3/9030B	
Sulfide		___ 9030B(mod)	
Specific Gravity	___ D1429-76C/	___ D5057-90	
Sulfur, Total		___ 9056	
Synthetic Preparation Leach		___ 1312	
Paint Filter		___ 9095A	

Other: Fluoride, Nitrite, Method: } EPA 300.0

Other: Nitrate and Sulfate Method }

Lionville Laboratory Incorporated

METHOD REFERENCES AND DATA QUALIFIERS

DATA QUALIFIERS

- U = Indicates that the parameter was not detected at or above the reported limit. The associated numerical value is the sample detection limit.
- * = Indicates that the original sample result is greater than 4x the spike amount added.

ABBREVIATIONS

- MB = Method or Preparation Blank.
MS = Matrix Spike.
MSD = Matrix Spike Duplicate.
REP = Sample Replicate
LC = Laboratory Control Sample.
NC = Not calculated.

A suffix of -R, -S, or -T following these codes indicate a replicate, spike or sample duplicate analysis respectively.

ANALYTICAL WET CHEMISTRY METHODS

1. ASTM Standard Methods.
2. USEPA Methods for Chemical Analysis of Water and Wastes (USEPA 600/4-79-020).
3. Test Methods for Evaluating Solid Waste (USEPA SW-846).
 - a. Standard Methods for the Examination of Water and Waste, 16 ed, (1983).
 - b. Standard Methods for the Examination of Water and Waste, 17 ed, (1989)/18ed (1992).
 - c. Method of Soil Analysis, Part 1, Physical and Mineralogical Methods, 2nd ed, (1986).
 - d. Method of Soil Analysis, Part 2, Chemical and Microbiological Properties, Am. Soc. Agron., Madison, WI (1965).
 - e. USEPA Contract Laboratory Program, Statement of Work for Inorganic Analysis.
 - f. Code of Federal Regulations.

Lionville Laboratory, Inc.

INORGANICS DATA SUMMARY REPORT 06/20/08

CLIENT: TNUHANFORD F08-031 H3735
 WORK ORDER: 11343-606-001-9999-00

LVL LOT #: 0805L137

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT	DILUTION FACTOR
=====	=====	=====	=====	=====	=====	=====
-001	B1VDM1	% Solids	93.7	%	0.01	1.0
		Fluoride by IC	2.4	u MG/KG	2.4	1.0
		Nitrite by IC	2.43	u MG/KG	2.43	1.0
		Nitrate by IC	31.6	MG/KG	2.43	1.0
		Chromium VI	0.26	MG/KG	0.21	1.0
		Sulfate by IC	80.8	MG/KG	2.4	1.0
-002	B1VDR8	% Solids	93.9	%	0.01	1.0
		Fluoride by IC	2.6	u MG/KG	2.6	1.0
		Nitrite by IC	2.61	u MG/KG	2.61	1.0
		Nitrate by IC	11.4	MG/KG	2.61	1.0
		Chromium VI	1.9	MG/KG	0.21	1.0
		Sulfate by IC	110	MG/KG	2.6	1.0
-003	B1VDT1	% Solids	92.7	%	0.01	1.0
		Fluoride by IC	2.7	u MG/KG	2.7	1.0
		Nitrite by IC	2.66	u MG/KG	2.66	1.0
		Nitrate by IC	12.3	MG/KG	2.66	1.0
		Chromium VI	0.22	u MG/KG	0.22	1.0
		Sulfate by IC	113	MG/KG	2.7	1.0

Lionville Laboratory, Inc.

INORGANICS METHOD BLANK DATA SUMMARY PAGE 06/20/08

CLIENT: TNUHANFORD F08-031 H3735
 WORK ORDER: 11343-606-001-9999-00

LVL LOT #: 0805L137

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT	DILUTION FACTOR
=====	=====	=====	=====	=====	=====	=====
BLANK10	08LICT43-MB1	Fluoride by IC	2.2	u MG/KG	2.2	1.0
		Nitrite by IC	2.22	u MG/KG	2.22	1.0
		Nitrate by IC	2.22	u MG/KG	2.22	1.0
		Sulfate by IC	2.2	u MG/KG	2.2	1.0
BLANK10	08LVI051-MB1	Chromium VI	0.20	u MG/KG	0.20	1.0

Lionville Laboratory, Inc.

INORGANICS ACCURACY REPORT 06/20/08

CLIENT: TNUHANFORD F08-031 H3735
 WORK ORDER: 11343-606-001-9999-00

LVL LOT #: 0805L137

SAMPLE	SITE ID	ANALYTE	SPIKED SAMPLE	INITIAL RESULT	SPIKED AMOUNT	%RECOV	DILUTION FACTOR (SPK)
-003	B1VDT1	Fluoride by IC	52.6	0.26	51.1	102.3	1.0
		Nitrite by IC	51.2	2.66u	51.1	100.3	1.0
		Nitrate by IC	65.3	12.3	51.1	103.6	1.0
		Soluble Chromium VI	4.4	0.22u	4.3	104.9	1.0
		Insoluble Chromium VI	1480	0.22u	1310	113.2	100
		Sulfate by IC	225	113	102	110.0	2.0
BLANK10	08LICT43-MB1	Fluoride by IC	63.9	2.2 u	67.6	94.6	1.0
		Nitrite by IC	63.2	2.22u	67.6	93.6	1.0
		Nitrate by IC	62.5	2.22u	67.6	92.5	1.0
		Sulfate by IC	66.2	2.2 u	67.6	97.9	1.0
BLANK10	08LVI051-MB1	Soluble Chromium VI	4.2	0.20u	4.0	105.0	1.0
		Insoluble Chromium VI	1440	0.20u	1240	115.9	100

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Lionville Laboratory, Inc.

INORGANICS PRECISION REPORT 06/20/08

CLIENT: TNUHANFORD F08-031 H3735
 WORK ORDER: 11343-606-001-9999-00

LVL LOT #: 0805L137

SAMPLE	SITE ID	ANALYTE	INITIAL			DILUTION FACTOR (REP)
			RESULT	REPLICATE RPD		
-001REP	B1VDM1	% Solids	93.7	93.6	0.13	1.0
-003REP	B1VDT1	Fluoride by IC	2.7 u	2.7 u	NC	1.0
		Nitrite by IC	2.66u	2.72u	NC	1.0
		Nitrate by IC	12.3	11.7	5.6	1.0
		Chromium VI	0.22u	0.22u	NC	1.0
		Sulfate by IC	113	106	6.7	1.0

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F08-031-149 PAGE 1 OF 1

COLLECTOR NCO Sampler <i>KAYE, ROSAWE, MCINTYRE</i>	COMPANY CONTACT TRENT, SJ	TELEPHONE NO. 373-5869	PROJECT COORDINATOR WDRIG, DL	F08-031-149	PAGE 1 OF 1
SAMPLING LOCATION C6743, I-001	PROJECT DESIGNATION 216-B-55 Supplemental Characterization	FIELD LOGBOOK NO. /WVF-N-5832-1	ACTUAL SAMPLE DEPTH 3,4 to 5.9'	PRICE CODE 8N	DATA TURNAROUND 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO. #1	SAF NO. F08-031	COA 1230551278	AIR QUALITY <input type="checkbox"/>	METHOD OF SHIPMENT FEDERAL EXPRESS

SHIPPED TO
Lionville Laboratory Incorporated

OFFSITE PROPERTY NO.
SEE PTR

BILL OF LADING/AIR BILL NO.
7993 2353 3775

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	TYPE OF CONTAINER	NO. OF CONTAINER(S)	VOLUME	SAMPLE ANALYSIS
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water X=Other	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)	Cool~4C	G/P	1	120mL	Chromium Hex - 7196; SEE ITEM (1) IN SPECIAL INSTRUCTIONS
		Cool~4C	G/P	1	120mL	

SPECIAL HANDLING AND/OR STORAGE
Radioactive Tie To: B1VDL8 or B1TMM2

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	RECEIVED BY/STORED IN	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
B1VDM1	SOIL	05-12-08	6415	B-55 Site Refer	5/12/08-1008	R. PRISTBY/	5/13/08 0745

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

** TestAmerica St Louis is the primary lab for all chemical analyses with the exception of Anions by method-300.0

** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.

** Analytical batch QC must be run on a sample associated with this SAF.

(1) C Anions - 300.0 (Fluoride, Nitrate, Nitrite, Sulfate)

RELINQUISHED BY/REMOVED FROM <i>Ed Kaye /</i>	DATE/TIME 5-12-08 1608	RECEIVED BY/STORED IN <i>B-55 Site Refer</i>	DATE/TIME 5/12/08-1008
RELINQUISHED BY/REMOVED FROM <i>B-55 Site Refer</i>	DATE/TIME 5/13/08 0745	RECEIVED BY/STORED IN <i>R. PRISTBY/</i>	DATE/TIME 5/13/08 0745
RELINQUISHED BY/REMOVED FROM <i>R. PRISTBY/</i>	DATE/TIME 5/13/08 1300	RECEIVED BY/STORED IN <i>FED EX</i>	DATE/TIME 5/13/08
RELINQUISHED BY/REMOVED FROM <i>Flex Kellum</i>	DATE/TIME 5/15/08 16:00	RECEIVED BY/STORED IN <i>Flex Kellum</i>	DATE/TIME 5/15/08
RELINQUISHED BY/REMOVED FROM <i>Flex Kellum</i>	DATE/TIME 5/15/08 16:00	RECEIVED BY/STORED IN <i>Flex Kellum</i>	DATE/TIME 5/14/08 10:00
RELINQUISHED BY/REMOVED FROM <i>Flex Kellum</i>	DATE/TIME 5/15/08 16:00	RECEIVED BY/STORED IN <i>FED EX</i>	DATE/TIME 5/14/08
RELINQUISHED BY/REMOVED FROM <i>Flex Kellum</i>	DATE/TIME 5/15/08 16:00	RECEIVED BY/STORED IN <i>Flex Kellum</i>	DATE/TIME 5/14/08
RELINQUISHED BY/REMOVED FROM <i>Flex Kellum</i>	DATE/TIME 5/15/08 16:00	RECEIVED BY/STORED IN <i>Flex Kellum</i>	DATE/TIME 5/14/08
RELINQUISHED BY/REMOVED FROM <i>Flex Kellum</i>	DATE/TIME 5/15/08 16:00	RECEIVED BY/STORED IN <i>Flex Kellum</i>	DATE/TIME 5/14/08

LABORATORY SECTION

RECEIVED BY

DISPOSAL METHOD

DISPOSED BY

DATE/TIME

DDG # H3735

COLLECTOR: NCO Sampler *Kawin / Rosane, McIntyre*
 COMPANY CONTACT: TRENT, SJ TELEPHONE NO. 373-5869 PROJECT COORDINATOR: WIDRIG, DL
 SAMPLING LOCATION: CE743, 1-002 PROJECT DESIGNATION: 216-B-55 Supplemental Characterization SAF NO. F08-031 AIR QUALITY DATA TURNAROUND: 45 Days / 45 Days
 ICE CHEST NO. FIELD LOGBOOK NO. *HA5-N-583-1* #1 ACTUAL SAMPLE DEPTH: 12.25' to 14.75' COA: 1230551278 METHOD OF SHIPMENT: FEDERAL EXPRESS

SHIPPED TO: Lionville Laboratory Incorporated OFFSITE PROPERTY NO. SEE PTR BILL OF LADING/AIR BILL NO. 7993 0353 3775
 SEE PTR

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	NO. OF CONTAINER(S)	VOLUME	SAMPLE ANALYSIS
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	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)	Cool-dC	1	120ml	Chromium Hex - SEE ITEM (1) IN SPECIAL INSTRUCTIONS 7196;
		Cool-dC	1	120ml	

SPECIAL HANDLING AND/OR STORAGE: Radioactive Tie To: BIVDR8 or BITFM3

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME
BIVDR8	SOIL	5-12-08	1045	✓	✓		
						028784	028784

CHAIN OF POSSESSION: SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
<i>Ed Kawin</i>	5-12-08 1140	<i>B-55 Site</i>	5-12-08 1140				
<i>B-55 Site Field</i>	5/13/08 0745	<i>R.P.H. / [Signature]</i>	5-13-08 0745				
<i>R.P.H. / [Signature]</i>	5/13/08 1300	<i>FED EX</i>					
<i>Fluor Hanford</i>	5/13/08 16:00	<i>FED EX</i>					
<i>[Signature]</i>	5-16-08 10955	<i>[Signature]</i>	5-16-08/0955				

LABORATORY SECTION: RECEIVED BY: TITLE: DATE/TIME:
 FINAL SAMPLE DISPOSITION: DISPOSAL METHOD: DATE/TIME:
 SPECIAL INSTRUCTIONS: ** Lionville is the primary laboratory for Chrome VI and anions analyses. ** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF. ** Analytical batch QC must be run on a sample associated with this SAF. (1)IC Anions - 300.0 (Fluoride, Nitrate, Nitrite, Sulfate)

COLLECTOR: NCO Sampler *Rayn / Rosane, McIntyre*

SAMPLING LOCATION: 6743, 1-002-DUP

ICE CHEST NO.:

COMPANY CONTACT: TRENT, SJ

TELEPHONE NO.: 373-5869

PROJECT COORDINATOR: WIDRIG, DL

PRICE CODE: 8N

DATA TURNAROUND: 45 Days / 45 Days

PROJECT DESIGNATION: 216-B-55 Supplemental Characterization

FIELD LOGBOOK NO.: *YNF. N-583-1 Pg 2*

ACTUAL SAMPLE DEPTH: *12.25 to 14.75*

SAF NO.: F08-031

AIR QUALITY:

METHOD OF SHIPMENT: FEDERAL EXPRESS

SHIPPED TO: Lionville Laboratory Incorporated

OFFSITE PROPERTY NO.: SEE PTR

BILL OF LADING/AIR BILL NO.: *7993 0353 3775*

MATRIX* POSSIBLE SAMPLE HAZARDS/ REMARKS

A=Air 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)

DI=Drum
Liquids
DS=Drum
Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

SPECIAL HANDLING AND/OR STORAGE	NO. OF CONTAINER(S)	VOLUME	PRESERVATION	TYPE OF CONTAINER
Radioactive Tie To: BIVDRS or BITFMS	1	120ml	Cool+4C	G/P
	1	120ml	Cool+4C	G/P

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	CHROMIUM He-7 7196	SEE ITEM (1) IN SPECIAL INSTRUCTIONS
BIVDT1	SOIL	05-12-08	1645	✓	✓

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	SIGN/ PRINT NAMES
<i>Ed Kna</i>	5-12-08 1140	<i>B-SS S.A. Ref</i>	5-12-08 1140	
<i>B-SS SITE FILE</i>	5/13/08 0745	<i>R.P.RISTE/Handy</i>	5/13/08 0745	
<i>R. PRISTE/Handy</i>	5/13/08 1300	<i>FED EX</i>		
<i>FED EX</i>		<i>Alex Bellsted</i>	5/14/08 10:00	
<i>Alex Bellsted</i>	5/15/08 16:00	<i>FED EX</i>		
<i>DOE</i>	5/16/08 1055	<i>DOE</i>	5/16/08 1055	

SPECIAL INSTRUCTIONS

** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.

** Analytical batch QC must be run on a sample associated with this SAF. (1)IC Anions - 300.0 (Fluoride, Nitrate, Nitrite, Sulfate)

RELINQUISHED BY/REMOVED FROM: *DOE* DATE/TIME: *5/16/08 1055*

RECEIVED BY/STORED IN: *DOE* DATE/TIME: *5/16/08 1055*

LABORATORY SECTION: RECEIVED BY: *DOE* DATE/TIME: *5/16/08 1055*

FINAL SAMPLE DISPOSITION: DISPOSED BY: *DOE* DATE/TIME: *5/16/08 1055*

TITLE: *SDG# H3735*

Lionville Laboratory Incorporated
SAMPLE RECEIPT CHECKLIST (SRC)

CLIENT: TNU Hanford
 Project/SAF/SOW/Release #: F08-031

Date: 5-16-08

LvLI Batch #: 0805L137

Sample Custodian: [Signature]

NOTE: EXPLAIN ALL DISCREPANCIES

- | | | |
|---|--|---|
| 1. Samples Hand Delivered or Shipped? | Carrier <u>Deo Ex</u> | Airbill # <u>7993 2541 9337</u> |
| 2. Custody Seals on coolers or shipping containers intact, signed & dated? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> No Seals |
| 3. Outside of coolers or shipping containers are free from damage? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Comments: |
| 4. All expected paperwork received (coc & other client specific information) sealed in plastic bag and easily accessible? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| 5. Samples received cooled or ambient? | Temp <u>3.5</u> °C | Cooler # <u>SKINS</u> |
| How was the temperature taken? | <input checked="" type="checkbox"/> IR <input type="checkbox"/> Temp. Blank | <input type="checkbox"/> Other (Specify): |
| Is the Temp. Criteria met for these samples? (Hg in soils @ 4°C) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| 6. Custody seals on sample containers intact, signed and dated? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> No Seals |
| 7. COC (Client & LvLI) signed & dated? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| 8. Sample containers are intact? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| 9. All samples on COC received?
All samples received on COC? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| 10. All sample label information matches COC? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| 11. Samples properly preserved? (If #5 is no, then this is no.) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| 12. Samples received within hold times?
Short holds taken to wet lab? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| 13. VOA, TOC, TOX free of headspace? | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| 14. QC stickers placed on bottles designated by client? | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| 15. Shipment meets LvLI Sample Acceptance Policy? (Identify all bottles that do not meet the policy, which is on the reverse of this page.) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| 16. Project Manager contacted concerning any discrepancies?
Person Contacted _____ | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A
Date _____ |

