

Lionville Laboratory, Inc.
 INORGANIC ANALYTICAL DATA PACKAGE FOR
 TNUHANFORD X05-045 H3253

DATE RECEIVED: 07/07/05

LVL LOT # :0507L902

CLIENT ID /ANALYSIS	LVL #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
B1DDL6						
TOTAL ORGANIC HALIDE	001	W	05LX005	07/06/05	07/15/05	07/15/05
B1DDL7						
TOTAL ORGANIC HALIDE	002	W	05LX005	07/06/05	07/15/05	07/18/05
B1DDL8						
TOTAL ORGANIC HALIDE	003	W	05LX005	07/06/05	07/15/05	07/18/05
TOTAL ORGANIC HALIDE	003 REP	W	05LX005	07/06/05	07/15/05	07/18/05
B1DDL9						
TOTAL ORGANIC HALIDE	004	W	05LX005	07/06/05	07/15/05	07/18/05
TOTAL ORGANIC HALIDE	004 MS	W	05LX005	07/06/05	07/15/05	07/18/05

LAB QC:

TOTAL ORGANIC HALIDE	MB1	W	05LX005	N/A	07/15/05	07/15/05
TOTAL ORGANIC HALIDE	MB1 BS	W	05LX005	N/A	07/15/05	07/15/05



Analytical Report

****REVISION****

Client: TNU-HANFORD X05-045 H3253
LVL#: 0507L902

W.O.#: 11343-606-001-9999-00
Date Received: 07-07-05

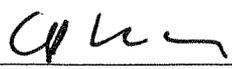
INORGANIC NARRATIVE

This report is revised to include corrected results for sample B1DDL7 due to a data entry error.

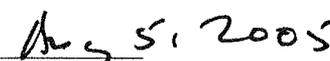
1. This narrative covers the analysis of 4 water samples.
2. The samples were prepared and analyzed in accordance with the method checked on the attached glossary.

LvLI is NELAP accredited by the state of Pennsylvania and holds over 20 additional state accreditations. For a complete list of accrediting authorities and the corresponding analytes/methods, please contact your Project Manager.

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 with the exception noted on the Sample Receipt Checklist.
5. The method blank was within the method criteria.
6. The Laboratory Control Sample (LCS) was within the laboratory control limits.
7. The matrix spike recovery was within the 75-125% control limits.
8. The replicate analysis was within the 20% Relative Percent Difference (RPD) control limit.
9. 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

njpli07-902r

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 11 pages.

Lionville Laboratory Incorporated

WET CHEMISTRY

METHODS GLOSSARY FOR WATER SAMPLE ANALYSIS

	<u>EPA /600</u>	<u>SW846</u>	<u>OTHER</u>
Acidity	305.1		
___Alkalinity ___Bicarbonate ___Carbonate	310.1		
BOD	405.1		5210B (b)
Ion Chromatography:			
___Bromide ___Chloride ___Fluoride	300.0	9056	
___Nitrate ___Nitrite ___Phosphate	300.0	9056	
___Sulfate ___Formate ___Acetate ___Oxalate	300.0	9056	
Chloride	325.2	9251	
Chlorine, Residual	330.5 (mod)		
Cyanide, Amenable to Chlorination	335.2	9010B	
Cyanide, Total	335.2	9010B	9014 ILMO4.0 (e)
Cyanide, Weak Acid Dissociable			412 (a) 4500CN-I (b)
COD	410.4(mod)		5220C (b)
Color	110.2		
Corrosivity by Coupon		1110(mod)	
Chromium VI		7196A	3500Cr-D (b)
Fluoride	340.2		4500-FC
Hardness, Calcium	215.2		
Hardness, Total	130.2		
Iodide			ASTM D19P202 (1)
Surfactant	425.1		
___Nitrate-Nitrite ___Nitrate ___Nitrite	353.2		
Ammonia	350.3		
Total___ Kjeldahl ___ Organic Nitrogen	351.3		
Total___ Organic ___ Inorganic Carbon	415.1	9060	
Oil & Grease	413.1	9070	
___ pH ___ pH; paper	150.1	9040B 9041A	
Petroleum Hydrocarbons, Total Recoverable	418.1		
Phenol	420.1	420.2 9065 9066	
___Ortho ___Total Phosphate	365.2		4500-P B C
Salinity			210A (a) 2520 (b)
Settleable Solids	160.5		
Sulfide	376.1		9030B/9034 (acid soluble)
Reactive ___Cyanide ___Sulfide		Section 7.3 (9014 9030B)	
Silica	370.1		
Sulfite	377.1		
Sulfate	375.4	9038	
Specific Conductance	120.1	9050A	
Specific Gravity			D5057-90 213E (a)
Synthetic Precipitation Leach		1312	
Total ___ Dissolved ___ Suspended ___ Solids	160 ___ .1 ___ .2 ___ .3		
Total Organic Halides	450.1	9020B	
Turbidity	180.1		
Volatile Solids:			
___Total ___Dissolved ___Suspended	160.4		
Other:		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 08/04/05

CLIENT: TNUHANFORD X05-045 H3253
WORK ORDER: 11343-606-001-9999-00

LVL LOT #: 0507L902

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT	DILUTION FACTOR
=====	=====	=====	=====	=====	=====	=====
-001	B1DDL6	Total Organic Halides	5.0	u UG/L	5.0	1.0
-002	B1DDL7	Total Organic Halides	5.0	u UG/L	5.0	1.0
-003	B1DDL8	Total Organic Halides	5.0	u UG/L	5.0	1.0
-004	B1DDL9	Total Organic Halides	13.5	UG/L	5.0	1.0

Lionville Laboratory, Inc.

INORGANICS METHOD BLANK DATA SUMMARY PAGE 08/04/05

CLIENT: TNUHANFORD X05-045 H3253
WORK ORDER: 11343-606-001-9999-00

LVL LOT #: 0507L902

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT	DILUTION FACTOR
BLANK1	05LX005-MB1	Total Organic Halides	5.0	u UG/L	5.0	1.0

Lionville Laboratory, Inc.

INORGANICS ACCURACY REPORT 08/04/05

CLIENT: TNUHANFORD X05-045 H3253
WORK ORDER: 11343-606-001-9999-00

LVL LOT #: 0507L902

SAMPLE	SITE ID	ANALYTE	SPIKED SAMPLE	INITIAL RESULT	SPIKED AMOUNT	%RECOV	DILUTION FACTOR (SPK)
-004	B1DDL9	Total Organic Halides	62.0	13.5	50.0	97.0	1.0
BLANK1	05LX005-MB1	Total Organic Halides	52.7	5.0 u	50.0	105.4	1.0

Lionville Laboratory, Inc.

INORGANICS PRECISION REPORT 08/04/05

CLIENT: TNUHANFORD X05-045 H3253
WORK ORDER: 11343-606-001-9999-00

LVL LOT #: 0507L902

SAMPLE	SITE ID	ANALYTE	INITIAL RESULT	REPLICATE	RPD	DILUTION FACTOR (REP)
=====	=====	=====	=====	=====	=====	=====
-003REP	B1DDL8	Total Organic Halides	5.0 u	5.0 u	NC	1.0

PNNL C.O.C. # X05-045-2

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

Page 1 of 1

Collector **R.T. SICKLE** Contact/Requester *Det Steward* Telephone No. *509 376-5056* MSIN FAX

SAF No. X05-045 Sampling Origin *Hanford* Purchase Order/Charge Code

Project Title RCRA NRDW Verification June 2005 Ice Chest No. *SAWS-103* Temp.

Shipped To (Lab) Lionville Laboratory Incorporated Method of Shipment Bill of Lading/Air Bill No. *7911 2822 2981*

Protocol RCRA Priority: 15 Days **PRIORITY** Offsite Property No.

POSSIBLE SAMPLE HAZARDS/REMARKS ** ** SPECIAL INSTRUCTIONS Hold Time Total Activity Exemption: Yes No

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DDL5		W	<i>7-6-05</i>	<i>0814</i>	1x20-mL P	Activity Scan	None
B1DDL6		W	<i>↓</i>	<i>↓</i>	1x500-mL aGs*	TOX - 9020	H2SO4 to pH <2 Cool 4C
B1DDL7		W	<i>↓</i>	<i>↓</i>	1x500-mL aGs*	TOX - 9020	H2SO4 to pH <2 Cool 4C
B1DDL8		W	<i>↓</i>	<i>↓</i>	1x500-mL aGs*	TOX - 9020	H2SO4 to pH <2 Cool 4C
B1DDL9		W	<i>↓</i>	<i>↓</i>	1x500-mL aGs*	TOX - 9020	H2SO4 to pH <2 Cool 4C

Relinquished By R.T. SICKLE <i>[Signature]</i> Date/Time <i>7-6-05 1400</i>	Received By <i>[Signature]</i> Date/Time	Matrix * S = Soil DS = Drum Solid SF = Sediment DI = Drum Liquid SO = Solid T = Tissue SL = Sludge WI = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By <i>[Signature]</i> Date/Time JUL 06 2005	Received By <i>[Signature]</i> Date/Time	
Relinquished By <i>[Signature]</i> Date/Time <i>7-7-05 0940</i>	Received By <i>[Signature]</i> Date/Time <i>7-7-05 0940</i>	
Relinquished By Date/Time	Received By Date/Time	

FINAL SAMPLE DISPOSITION Disposal Method (e.g., Return to customer, per lab procedure, used in process) Disposed By Date/Time

10

Lionville Laboratory Incorporated
SAMPLE RECEIPT CHECKLIST (SRC)

CLIENT: *TNU-HANFORD*

Date: *7/7/05*

Purchase Order / Project# /

SAF# / SOW# / Release #: *X05-045*

LvLI Batch # :

0507L902

Sample Custodian:

Vicki K... [Signature]

NOTE: EXPLAIN ALL DISCREPANCIES

- | | | |
|---|---|---|
| 1. Samples Hand Delivered <u>or Shipped</u> | Carrier <i>Fed Ex</i> | Airbill# <i>7911 2822 2981</i> |
| 2. Custody seals on coolers or shipping container intact, signed and dated? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> No Seals Comments |
| 3. Outside of coolers or shipping containers are free from damage? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| 4. All expected paperwork received (coc and 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 <i>3.4°</i> °C | Cooler # <i>SAWS-103</i> |
| 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 signed and 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 | |
| 10. All sample label information matches coc? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| 11. Samples properly preserved? | <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 | |
| 13. VOA, TOC, <u>TOX</u> free of headspace? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input type="checkbox"/> N/A <i>Air Bubbles</i> |
| 14. QC stickers placed on bottles designated by client? | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| 15. Shipment meets LvLI Sample Acceptance Policy? (Identify all bottles not within policy. See reverse side for policy) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| 16. Project Manager contacted concerning discrepancies? name/date (or samples outside criteria) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> No Discrepancies |

SR-002-B



Lionville Laboratory, Inc.
 INORGANIC ANALYTICAL DATA PACKAGE FOR
 TNUHANFORD X05-045 H3253

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B1DDL7						
TOTAL ORGANIC HALIDE	002	W	05LX005	07/06/05	07/15/05	07/18/05
B1DDL8						
TOTAL ORGANIC HALIDE	003	W	05LX005	07/06/05	07/15/05	07/18/05
TOTAL ORGANIC HALIDE	003 REP	W	05LX005	07/06/05	07/15/05	07/18/05
B1DDL9						
TOTAL ORGANIC HALIDE	004	W	05LX005	07/06/05	07/15/05	07/18/05
TOTAL ORGANIC HALIDE	004 MS	W	05LX005	07/06/05	07/15/05	07/18/05

LAB QC:

TOTAL ORGANIC HALIDE	MB1	W	05LX005	N/A	07/15/05	07/15/05
TOTAL ORGANIC HALIDE	MB1 BS	W	05LX005	N/A	07/15/05	07/15/05



Analytical Report

Client: TNU-HANFORD X05-045 H3253
LVL#: 0507L902

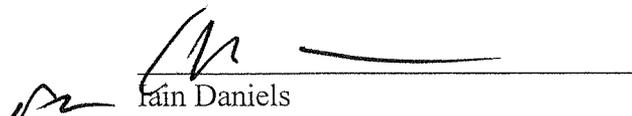
W.O.#: 11343-606-001-9999-00
Date Received: 07-07-05

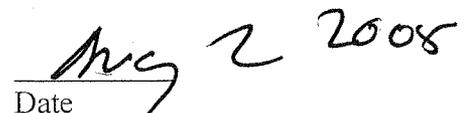
INORGANIC NARRATIVE

1. This narrative covers the analysis of 4 water samples.
2. The samples were prepared and analyzed in accordance with the method checked on the attached glossary.

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Iain Daniels
Laboratory Manager
Lionville Laboratory Incorporated


Date

njpl07-902

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Lionville Laboratory Incorporated

WET CHEMISTRY

METHODS GLOSSARY FOR WATER SAMPLE ANALYSIS

	<u>EPA /600</u>	<u>SW846</u>	<u>OTHER</u>
Acidity	305.1		
___ Alkalinity ___ Bicarbonate ___ Carbonate	310.1		
BOD	405.1		5210B (b)
Ion Chromatography:			
___ Bromide ___ Chloride ___ Fluoride	300.0	9056	
___ Nitrate ___ Nitrite ___ Phosphate	300.0	9056	
___ Sulfate ___ Formate ___ Acetate ___ Oxalate	300.0	9056	
Chloride	325.2	9251	
Chlorine, Residual	330.5 (mod)		
Cyanide, Amenable to Chlorination	335.2	9010B	
Cyanide, Total	335.2	9010B	9014 ILMO4.0 (e)
Cyanide, Weak Acid Dissociable			412 (a) 4500CN-I (b)
COD	410.4(mod)		5220C (b)
Color	110.2		
Corrosivity by Coupon		1110(mod)	
Chromium VI		7196A	3500Cr-D (b)
Fluoride	340.2		4500-FC
Hardness, Calcium	215.2		
Hardness, Total	130.2		
Iodide			ASTM D19P202 (1)
Surfactant	425.1		
___ Nitrate-Nitrite ___ Nitrate ___ Nitrite	353.2		
Ammonia	350.3		
Total ___ Kjeldahl ___ Organic Nitrogen	351.3		
Total ___ Organic ___ Inorganic Carbon	415.1	9060	
Oil & Grease	413.1	9070	
___ pH ___ pH; paper	150.1	9040B 9041A	
Petroleum Hydrocarbons, Total Recoverable	418.1		
Phenol	420.1	420.2 9065 9066	
___ Ortho ___ Total Phosphate	365.2		4500-P B C
Salinity			210A (a) 2520 (b)
Settleable Solids	160.5		
Sulfide	376.1		9030B/9034 (acid soluble)
Reactive ___ Cyanide ___ Sulfide		Section 7.3 (9014 9030B)	
Silica	370.1		
Sulfite	377.1		
Sulfate	375.4	9038	
Specific Conductance	120.1	9050A	
Specific Gravity			D5057-90 213E (a)
Synthetic Precipitation Leach		1312	
Total ___ Dissolved ___ Suspended ___ Solids	160 .1 .2 .3		
Total Organic Halides	450.1	9020B	
Turbidity	180.1		
Volatile Solids:			
___ Total ___ Dissolved ___ Suspended	160.4		
Other:		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 07/21/05

CLIENT: TNUHANFORD X05-045 H3253
WORK ORDER: 11343-606-001-9999-00

LVL LOT #: 0507L902

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT	DILUTION FACTOR
=====	=====	=====	=====	=====	=====	=====
-001	B1DDL6	Total Organic Halides	5.0	u UG/L	5.0	1.0
-002	B1DDL7	Total Organic Halides	27.2	UG/L	5.0	1.0
-003	B1DDL8	Total Organic Halides	5.0	u UG/L	5.0	1.0
-004	B1DDL9	Total Organic Halides	13.5	UG/L	5.0	1.0

Lionville Laboratory, Inc.

INORGANICS METHOD BLANK DATA SUMMARY PAGE 07/21/05

CLIENT: TNUHANFORD X05-045 H3253
WORK ORDER: 11343-606-001-9999-00

LVL LOT #: 0507L902

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT	DILUTION FACTOR
BLANK1	05LX005-MB1	Total Organic Halides	5.0	u UG/L	5.0	1.0

Lionville Laboratory, Inc.

INORGANICS ACCURACY REPORT 07/21/05

CLIENT: TNUHANFORD X05-045 H3253
 WORK ORDER: 11343-606-001-9999-00

LVL LOT #: 0507L902

SAMPLE	SITE ID	ANALYTE	SPIKED SAMPLE	INITIAL RESULT	SPIKED AMOUNT	%RECOV	DILUTION FACTOR (SPK)
-004	B1DDL9	Total Organic Halides	62.0	13.5	50.0	97.0	1.0
BLANK1	05LX005-MB1	Total Organic Halides	52.7	5.0 u	50.0	105.4	1.0

Lionville Laboratory, Inc.

INORGANICS PRECISION REPORT 07/21/05

CLIENT: TNUHANFORD X05-045 H3253
WORK ORDER: 11343-606-001-9999-00

LVL LOT #: 0507L902

SAMPLE	SITE ID	ANALYTE	INITIAL RESULT	REPLICATE	RPD	DILUTION FACTOR (REP)
=====	=====	=====	=====	=====	=====	=====
-003REP	B1DDL8	Total Organic Halides	5.0 u	5.0 u	NC	1.0

PNNL

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

C.O.C. #

X05-045-2

Page 1 of 1

10

Collector R.T. SICKLE	Contact/Requester <i>Det Steward</i>	Telephone No. <i>509 376-5056</i>	MSIN FAX
SAF No. X05-045	Sampling Origin <i>Hanford</i>	Purchase Order/Charge Code	
Project Title <i>RCRA NRDW Verification June 2005</i>	<i>DTS-SAW-191</i>	Ice Chest No. <i>SAWS-103</i>	Temp.
Shipped To (Lab) <i>Lionville Laboratory Incorporated</i>	Method of Shipment	Bill of Lading/Air Bill No. <i>7911 2822 2981</i>	
Protocol RCRA	Priority: 15 Days PRIORITY	Offsite Property No.	

POSSIBLE SAMPLE HAZARDS/REMARKS * * *	SPECIAL INSTRUCTIONS	Hold Time	Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
--	----------------------	-----------	---

Sample No.	Lab ID	*	Date	Time	No/Type Container	Sample Analysis	Preservative
B1DDL5		W	<i>7-6-05</i>	<i>0814</i>	1x20-mL P	Activity Scan	None
B1DDL6		W			1x500-mL aGs*	TOX - 9020	H2SO4 to pH <2 Cool 4C
B1DDL7		W			1x500-mL aGs*	TOX - 9020	H2SO4 to pH <2 Cool 4C
B1DDL8		W			1x500-mL aGs*	TOX - 9020	H2SO4 to pH <2 Cool 4C
B1DDL9		W			1x500-mL aGs*	TOX - 9020	H2SO4 to pH <2 Cool 4C

Relinquished By R.T. SICKLE	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time <i>1400</i>	Received By <i>Fed Ex</i>	Print <i>[Signature]</i>	Sign <i>[Signature]</i>	Date/Time <i>7-7-05 0940</i>	Matrix * S = Soil DS = Drum Solid SE = Sediment DL = Drum Liquid SO = Solid T = Tissue SI = Sludge WI = Wine W = Water L = Liquid O = Oil V = Vegetation A = Air X = Other
Relinquished By <i>[Signature]</i>			Date/Time JUL 06 2005	Received By <i>[Signature]</i>			Date/Time <i>7-7-05 0940</i>	
Relinquished By			Date/Time	Received By			Date/Time	
Relinquished By			Date/Time	Received By			Date/Time	
FINAL SAMPLE DISPOSITION	Disposal Method (e.g., Return to customer, per lab procedure, used in process)			Disposed By			Date/Time	

Lionville Laboratory Incorporated
SAMPLE RECEIPT CHECKLIST (SRC)

CLIENT: *TNU-HANFORD*

Date: *7/7/05*

Purchase Order / Project# /

~~SAF~~# / SOW# / Release #: *X05-045*

LvLI Batch # :

0507L902

Sample Custodian: *Victor Hernandez*

NOTE: EXPLAIN ALL DISCREPANCIES

- | | | |
|---|---|---|
| 1. Samples Hand Delivered or <u>Shipped</u> | Carrier <i>Fed Ex</i> | Airbill# <i>79112822 2981</i> |
| 2. Custody seals on coolers or shipping container intact, signed and dated? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> No Seals Comments |
| 3. Outside of coolers or shipping containers are free from damage? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| 4. All expected paperwork received (coc and 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 <i>3.4</i> °C | Cooler # <i>SAWS-103</i> |
| 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 signed and 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 | |
| 10. All sample label information matches coc? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| 11. Samples properly preserved? | <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 | |
| 13. VOA, TOC, <u>TOX</u> free of headspace? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input type="checkbox"/> N/A <i>Air Bubbles</i> |
| 14. QC stickers placed on bottles designated by client? | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| 15. Shipment meets LvLI Sample Acceptance Policy? (Identify all bottles not within policy. See reverse side for policy) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| 16. Project Manager contacted concerning discrepancies? name/date (or samples outside criteria) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> No Discrepancies |

SR-002-B

