

CHARACTERIZATION INFORMATION SUMMARY

WSPF # LA-MIN03-NC.001

Lot 42

TABLE OF CONTENTS

Characterization Information Summary Cover Page.....	002
Correlation of Container Identification Numbers to Batch Data Report Numbers.....	005
Solids Analysis VOC UCL ₉₀ Evaluation Form.....	008
Solids Analysis SVOC UCL ₉₀ Evaluation Form.....	010
Solids Analysis Metals UCL ₉₀ Evaluation Form.....	011
Solid VOCs Summary Data.....	012
Solid SVOCs Summary Data.....	013
RTR/VE Summary of Prohibited Items and AK Confirmation.....	014
Reconciliation with Data Quality Objectives.....	015

CCP Characterization Information Summary Cover Page

Waste Stream #	LA-MIN03-NC.001	Lot #:	42
AK Expert Review:	N/A	Date:	N/A
SPM Review:	Richard Kantowitz	Date:	3/20/2008

SPM signature certifies that through Acceptable Knowledge testing and/or analysis that the waste identified in this summary is not corrosive, ignitable, reactive, or incompatible with the TSDF.

A summary of the Acceptable Knowledge regarding this waste stream containing specific information about the corrosivity, reactivity, and ignitability of the waste stream is included as an attachment to the Waste Stream Profile Form. By reference, that information is included in this lot.

List of procedures used:

Radiography (RTR/NDE):

CCP-TP-053	Rev. 0	03/16/04	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 1	04/12/04	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 2	07/15/04	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 3	03/21/05	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 4	12/22/05	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 5	11/16/06	CCP Standard Real-Time Radiography (RTR) Inspection Procedure
CCP-TP-053	Rev. 6	03/04/08	CCP Standard Real-Time Radiography (RTR) Inspection Procedure

Non Destructive Assay (NDA):

CCP-TP-063	Rev. 0	10/11/03	CCP Operating the High Efficiency Neutron Counter Using NDA 2000
CCP-TP-063	Rev. 1	12/04/03	CCP Operating the High Efficiency Neutron Counter Using NDA 2000
CCP-TP-063	Rev. 2	03/22/04	CCP Operating the High Efficiency Neutron Counter Using NDA 2000
CCP-TP-063	Rev. 3	04/21/04	CCP Operating the High Efficiency Neutron Counter Using NDA 2000
CCP-TP-063	Rev. 4	05/14/04	CCP Operating the High Efficiency Neutron Counter Using NDA 2000
CCP-TP-063	Rev. 5	10/01/04	CCP Operating the High Efficiency Neutron Counter Using NDA 2000
CCP-TP-063	Rev. 6	10/10/05	CCP Operating the High Efficiency Neutron Counter Using NDA 2000
CCP-TP-063	Rev. 7	03/31/06	CCP Operating the High Efficiency Neutron Counter Using NDA 2000
CCP-TP-063	Rev. 8	11/30/06	CCP Operating the High Efficiency Neutron Counter Using NDA 2000
CCP-TP-063	Rev. 9	11/27/07	CCP Operating the High Efficiency Neutron Counter Using NDA 2000
CCP-TP-063	Rev. 10	11/27/07	CCP Operating the High Efficiency Neutron Counter Using NDA 2000
CCP-TP-103	Rev. 0	11/25/03	CCP Data Reviewing, Validating and Reporting Procedure for the High Efficiency Neutron Counter Using NDA 2000
CCP-TP-103	Rev. 1	03/22/04	CCP Data Reviewing, Validating and Reporting Procedure for the High Efficiency Neutron Counter Using NDA 2000
CCP-TP-103	Rev. 2	04/21/04	CCP Data Reviewing, Validating and Reporting Procedure for the High Efficiency Neutron Counter Using NDA 2000
CCP-TP-103	Rev. 3	05/14/04	CCP Data Reviewing, Validating and Reporting Procedure for the High Efficiency Neutron Counter Using NDA 2000
CCP-TP-103	Rev. 4	10/26/04	CCP Data Reviewing, Validating and Reporting Procedure for the High Efficiency Neutron Counter Using NDA 2000
CCP-TP-103	Rev. 5	07/21/05	CCP Data Reviewing, Validating and Reporting Procedure for the High Efficiency Neutron Counter Using NDA 2000
CCP-TP-103	Rev. 6	02/08/06	CCP Data Reviewing, Validating and Reporting Procedure for the High Efficiency Neutron Counter Using NDA 2000
CCP-TP-103	Rev. 7	11/16/06	CCP Data Reviewing, Validating and Reporting Procedure for the High Efficiency Neutron Counter Using NDA 2000

Headspace Gas Sampling and Analysis (HSG):

CCP-TP-128	Rev. 0	03/26/04	CCP TRU Waste Container HSG Analysis (Entech/Agilent)
CCP-TP-128	Rev. 1	04/21/04	CCP TRU Waste Container HSG Analysis (Entech/Agilent)
CCP-TP-129	Rev. 0	03/26/04	CCP Headspace Gas Sampling and Analysis Batch Data Report Preparation (Entech/Agilent)
CCP-TP-129	Rev. 1	06/30/04	CCP Headspace Gas Sampling and Analysis Batch Data Report Preparation (Entech/Agilent)
CCP-TP-129	Rev. 2	07/15/04	CCP Headspace Gas Sampling and Analysis Batch Data Report Preparation (Entech/Agilent)
CCP-TP-129	Rev. 3	03/31/06	CCP Headspace Gas Sampling and Analysis Batch Data Report Preparation (Entech/Agilent)
CCP-TP-129	Rev. 4	05/24/06	CCP Headspace Gas Sampling and Analysis Batch Data Report Preparation (Entech/Agilent)
CCP-TP-131	Rev. 0	03/27/04	CCP Manual Headspace Gas Sampling of TRU Waste Containers for the Entech/Agilent Analytical System
CCP-TP-131	Rev. 1	05/14/04	CCP Manual Headspace Gas Sampling of TRU Waste Containers for the Entech/Agilent Analytical System
CCP-TP-131	Rev. 2	03/31/05	CCP Manual Headspace Gas Sampling of TRU Waste Containers for the Entech/Agilent Analytical System
ACMM-9910	Rev. 6	04/15/04	Analysis of Gas Samples for VOCs by GC/FID
ACMM-9910	Rev. 7	04/24/06	Analysis of Gas Samples for VOCs by GC/FID
CCP-TP-173	Rev. 0	05/03/07	Analysis of Gas Samples for VOCs by GC/FID
ACMM-9925	Rev. 1	04/20/04	Analysis of Gas Samples for Hydrogen and Methane by GC/TCD
ACMM-9925	Rev. 2	05/03/06	Analysis of Gas Samples for Hydrogen and Methane by GC/TCD
ACMM-9930	Rev. 8	07/10/03	Analysis of Gas Samples for VOCs by GC/MS
ACMM-9930	Rev. 9	02/16/06	Analysis of Gas Samples for VOCs by GC/MS
CCP-TP-175	Rev. 0	05/03/07	Analysis of Gas Samples for VOCs by GC/MS

Visual Examination (VE):

CCP-TP-113	Rev. 0	03/26/04	CCP Standard Waste Visual Examination
CCP-TP-113	Rev. 1	04/24/04	CCP Standard Waste Visual Examination
CCP-TP-113	Rev. 2	07/15/04	CCP Standard Waste Visual Examination
CCP-TP-113	Rev. 3	01/25/05	CCP Standard Waste Visual Examination
CCP-TP-113	Rev. 4	12/22/05	CCP Standard Waste Visual Examination
CCP-TP-113	Rev. 5	08/28/06	CCP Standard Waste Visual Examination
CCP-TP-113	Rev. 6	11/16/06	CCP Standard Waste Visual Examination
CCP-TP-113	Rev. 7	03/19/07	CCP Standard Waste Visual Examination
CCP-TP-113	Rev. 8	09/04/07	CCP Standard Waste Visual Examination
CCP-TP-113	Rev. 9	03/05/08	CCP Standard Waste Visual Examination

CCP Characterization Information Summary Cover Page

Solids Sampling:

HFEF-OI-6910 Rev. 2d 09/09/03 TWCP Core Drilling Operations

Solids Analysis:

ACMM-9270	Rev. 5	04/07/03	Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry
CCP-TP-185	Rev. 0	05/02/07	CCP Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry
ACMM-9260	Rev. 9	07/10/03	Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry
CCP-TP-184	Rev. 0	05/02/07	CCP Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry
ACMM-2901	Rev. 2	04/07/03	Determination of Trace Elements by ICP-AES for TRU Waste Characterization
CCP-TP-182	Rev. 0	05/02/07	CCP Determination of Metals by ICP-AES for TRU Waste Characterization
ACMM-2810	Rev. 2	04/07/03	Determination of Mercury by CVAA for TRU Waste Characterization
CCP-TP-181	Rev. 0	05/02/07	CCP Determination of Mercury by CVAA for TRU Waste Characterization
ACMM-9441	Rev. 8	04/07/03	Determination of Nonhalogenated Volatile Organic Compounds by Gas Chromatography
CCP-TP-186	Rev. 0	05/02/07	CCP Determination of Nonhalogenated Volatile Organics by Gas Chromatography
CCP-TP-186	Rev. 1	08/22/07	CCP Determination of Nonhalogenated Volatile Organics by Gas Chromatography

Project Level Data Validation / DQO Reconciliation:

CCP-TP-001	Rev. 10	08/28/04	CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 11	03/23/05	CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 12	05/25/06	CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 13	07/21/06	CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 14	11/16/06	CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 15	11/22/06	CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 16	04/26/07	CCP Project Level Data Validation and Verification
CCP-TP-001	Rev. 17	09/24/07	CCP Project Level Data Validation and Verification
CCP-TP-002	Rev. 14	03/29/05	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 15	08/16/05	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 16	06/06/06	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 17	10/10/06	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 18	11/16/06	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-002	Rev. 19	12/22/06	CCP Reconciliation of DQOs and Reporting Characterization Data
CCP-TP-003	Rev. 14	09/03/03	CCP Sampling Design and Data Analysis for RCRA Characterization
CCP-TP-003	Rev. 15	11/16/06	CCP Data Analysis for S3000, S4000, and S500 Characterization
CCP-TP-003	Rev. 16	10/31/07	CCP Data Analysis for S3000, S4000, and S500 Characterization
CCP-TP-005	Rev. 14	11/19/04	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 15	03/31/05	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 16	02/27/06	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 17	06/05/06	CCP Acceptable Knowledge Documentation
CCP-TP-005	Rev. 18	11/18/06	CCP Acceptable Knowledge Documentation
CCP-TP-030	Rev. 12	08/23/04	CCP TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 13	11/22/04	CCP TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 14	01/26/05	CCP TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 15	03/14/05	CCP TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 16	04/22/05	CCP TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 17	12/29/05	CCP TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 18	05/01/06	CCP TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 19	11/16/06	CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 20	02/07/07	CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 21	05/21/07	CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 22	07/24/07	CCP CH TRU Waste Certification and WWIS Data Entry
CCP-TP-030	Rev. 23	03/12/08	CCP CH TRU Waste Certification and WWIS Data Entry

WAP Certification:

CCP-PO-001	Rev. 7	01/08/04	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 8	03/15/04	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 9	01/14/05	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 10	02/24/05	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 11	03/10/05	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 12	03/22/06	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 13	11/16/06	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 14	03/28/07	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 15	08/10/07	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-001	Rev. 16	10/31/07	CCP Transuranic Waste Characterization Quality Assurance Project Plan
CCP-PO-002	Rev. 9	03/15/04	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 10	11/15/04	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 11	02/24/05	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 12	03/10/05	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 13	05/09/05	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 14	2/29/05	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 15	03/22/06	CCP Transuranic Waste Certification Plan

CCP Characterization Information Summary Cover Page

CCP-PO-002	Rev. 16	11/16/06	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 17	11/16/06	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 18	11/16/06	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 19	05/22/07	CCP Transuranic Waste Certification Plan
CCP-PO-002	Rev. 20	11/02/07	CCP Transuranic Waste Certification Plan
CCP-PO-012	Rev. 2	04/20/04	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 3	04/26/04	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 4	03/31/05	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 5	11/16/06	CCP/Los Alamos National Laboratory (LANL) Interface Document
CCP-PO-012	Rev. 6	08/06/07	CCP/Los Alamos National Laboratory (LANL) Interface Document

CCP Correlation of Container Identification Numbers to Batch Data Report Numbers

Waste Stream: # LA-MIN03-NC.001

Lot # 42

Container ID Number	Historical Container ID	NDA BDR	RTR BDR	VE BDR	Solids Sampling BDR	Solids Analytical BDR	Load Management/ Overpack Yes	Transportation Headspace Gas BDR			
								Sample	Analysis		
S794291	LAS794291	2LANDA0197	LA-RTR1-08-0004	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S794467	LAS794467	2LANDA0195	LA-RTR1-08-0001	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S794491	LAS794491	2LANDA0197	LA-RTR1-08-0004	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S800519	LAS800519	2LANDA0198	LA-RTR1-08-0001	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S800523	LAS800523	2LANDA0212	LA-RTR1-08-0014	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S804471	LAS804471	2LANDA0196	LA-RTR2-07-0319	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S804763	LAS804763	1LANDA0803	LA-RTR2-07-0309	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S810447	LAS810447	LANDA0254	LA-RTR2-05-0186	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S810472	LAS810472	LANDA0268	LA-RTR2-05-0205	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S812194	LAS812194	2LANDA0216	LA-RTR2-08-0009	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S814864	LAS814864	2LANDA0197	LA-RTR2-07-0316	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S815999	LAS815999	2LANDA0011	LA-RTR2-08-0018	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S817174	LAS817174	LANDA0085	LA-RTR2-04-0004	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S817273	LAS817273	2LANDA0199	LA-RTR1-08-0006	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S817358	LAS817358	LANDA0254	LA-RTR2-05-0186	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S820203	LAS820203	2LANDA0210	LA-RTR1-08-0017	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S820351	LAS820351	2LANDA0197	LA-RTR2-07-0316	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S822038	LAS822038	2LANDA0196	LA-RTR1-08-0006	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S822083	LAS822083	2LANDA0212	LA-RTR1-08-0003	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S822086	LAS822086	2LANDA0198	LA-RTR1-08-0001	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S822104	LAS822104	2LANDA0198	LA-RTR1-08-0001	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S822138	LAS822138	2LANDA0195	LA-RTR1-08-0006	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S822183	LAS822183	2LANDA0198	LA-RTR1-08-0001	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S822185	LAS822185	2LANDA0200	LA-RTR1-08-0001	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S822484	LAS822484	2LANDA0196	LA-RTR1-08-0006	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S822515	LAS822515	1LANDA0822	LA-RTR2-07-0312	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S823602	LAS823602	2LANDA0196	LA-RTR1-08-0001	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S823721	LAS823721	1LANDA0821	LA-RTR2-07-0325	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S823767	LAS823767	1LANDA0821	LA-RTR2-07-0324	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S823802	LAS823802	1LANDA0822	LA-RTR2-07-0317	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S823840	LAS823840	2LANDA0200	LA-RTR1-08-0003	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S823887	LAS823887	2LANDA0191	LA-RTR2-07-0319	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S823910	LAS823910	2LANDA0210	LA-RTR1-08-0017	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S823913	LAS823913	1LANDA0821	LA-RTR2-07-0317	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S823916	LAS823916	2LANDA0210	LA-RTR1-08-0017	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S824363	LAS824363	1LANDA0820	LA-RTR2-07-0326	N/A	N/A	N/A		N/A	N/A	N/A	N/A

015005

CCP Correlation of Container Identification Numbers to Batch Data Report Numbers

Waste Stream: # LA-MIN03-NC.001

Lot # 42

Container ID Number	Historical Container ID	NDA BDR	RTR BDR	VE BDR	Solids Sampling BDR	Solids Analytical BDR	Load Management/ Overpack Yes	Transportation Headspace Gas BDR			
								Sample	Analysis		
S825056	LAS825056	2LANDA0200	LA-RTR1-08-0003	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S825063	LAS825063	2LANDA0197	LA-RTR1-08-0004	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S825065	LAS825065	2LANDA0199	LA-RTR1-08-0004	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S825066	LAS825066	2LANDA0198	LA-RTR1-08-0004	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S825086	LAS825086	1LANDA0817	LA-RTR2-07-0324	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S825114	LAS825114	1LANDA0822	LA-RTR2-07-0317	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S825120	LAS825120	1LANDA0821	LA-RTR2-07-0317	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S831669	LAS831669	2LANDA0197	LA-RTR1-08-0009	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S831670	LAS831670	2LANDA0191	LA-RTR2-07-0319	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S831710	LAS831710	2LANDA0199	LA-RTR1-08-0014	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S831731	LAS831731	2LANDA0196	LA-RTR1-08-0006	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S831772	LAS831772	1LANDA0822	LA-RTR2-07-0315	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S831777	LAS831777	2LANDA0198	LA-RTR1-08-0001	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S831781	LAS831781	2LANDA0200	LA-RTR1-08-0003	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S831833	LAS831833	2LANDA0196	LA-RTR1-08-0006	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S831883	LAS831883	2LANDA0199	LA-RTR1-08-0004	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S831890	LAS831890	2LANDA0196	LA-RTR1-08-0006	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S831892	LAS831892	1LANDA0816	LA-RTR2-07-0325	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S831936	LAS831936	1LANDA0822	LA-RTR2-07-0314	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S831963	LAS831963	2LANDA0200	LA-RTR1-08-0003	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S831964	LAS831964	2LANDA0195	LA-RTR1-08-0006	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S831972	LAS831972	2LANDA0199	LA-RTR1-08-0014	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S835561	LAS835561	2LANDA0012	LA-RTR2-06-0252	N/A	N/A	N/A		N/A	N/A	N/A	N/A
S841057	LAS841057	1LANDA0821	LA-RTR2-07-0326	NA	NA	NA		N/A	N/A	N/A	N/A
S846449	LAS846449	2LANDA0197	LA-RTR2-07-0315	NA	NA	NA		N/A	N/A	N/A	N/A
S846539	LAS846539	2LANDA0191	LA-RTR2-07-0316	NA	NA	NA		N/A	N/A	N/A	N/A
S850025	LAS850025	1LANDA0817	LA-RTR2-07-0322	NA	NA	NA		N/A	N/A	N/A	N/A
S850037	LAS850037	2LANDA0198	LA-RTR1-08-0001	NA	NA	NA		N/A	N/A	N/A	N/A
S850047	LAS850047	2LANDA0211	LA-RTR2-08-0007	NA	NA	NA		N/A	N/A	N/A	N/A
S850089	LAS850089	2LANDA0200	LA-RTR1-08-0003	NA	NA	NA		N/A	N/A	N/A	N/A
S850115	LAS850115	2LANDA0212	LA-RTR1-08-0014	NA	NA	NA		N/A	N/A	N/A	N/A
S850227	LAS850227	2LANDA0211	LA-RTR2-08-0006	NA	NA	NA		N/A	N/A	N/A	N/A
S850327	LAS850327	2LANDA0191	LA-RTR2-07-0319	NA	NA	NA		N/A	N/A	N/A	N/A
S850342	LAS850342	2LANDA0211	LA-RTR2-08-0006	NA	NA	NA		N/A	N/A	N/A	N/A
S850348	LAS850348	2LANDA0197	LA-RTR2-07-0319	NA	NA	NA		N/A	N/A	N/A	N/A
S850426	LAS850426	2LANDA0210	LA-RTR1-08-0017	NA	NA	NA		N/A	N/A	N/A	N/A

CIS006

CCP Correlation of Container Identification Numbers to Batch Data Report Numbers

Waste Stream: # LA-MIN03-NC.001

Lot # 42

Container ID Number	Historical Container ID	NDA BDR	RTR BDR	VE BDR	Solids Sampling BDR	Solids Analytical BDR	Load Management/Overpack Yes	Transportation Headspace Gas BDR			
								Sample	Analysis		
S850458	LAS850458	2LANDA0210	LA-RTR1-08-0017	NA	NA	NA		N/A	N/A	N/A	N/A
S850525	LAS850525	2LANDA0211	LA-RTR2-08-0006	NA	NA	NA		N/A	N/A	N/A	N/A
S850566	LAS850566	2LANDA0213	LA-RTR2-08-0009	NA	NA	NA		N/A	N/A	N/A	N/A



Signature of Site Project Manager

Richard Kantrowitz

Printed Name

3/20/2008

Date

CFS007

CCP Solids Analysis VOC UCL₉₀ Evaluation Form

WSPF #: LA-MIN03-NC.001

Waste Stream Lot Number

1 through 2

ANALYTE	Transform Data Used (No, Data-Log, SQRT, other)	# Samples above MDL (1)	# Samples (2)	Maximum (ppmv)	Mean (ppmv)	SD (ppmv)	UCL ₉₀ (ppmv)	PRQL (ppmv)	Transformed PRQL (N/A or Value)	UCL ₉₀ > PRQL Yes	EPA Code
Benzene	Log	0	17	-1.77	-2.36	0.16	-2.30	10	2.30		
Bromoform	No	0	17	0.20	0.16	0.04	0.17	10	N/A		
Carbon Disulfide	Log	0	17	-1.77	-2.36	0.16	-2.30	10	2.30		
Carbon Tetrachloride	Log	0	17	1.90	-1.66	0.97	-1.34	10	2.30		
Chlorobenzene	Log	0	17	-1.77	-2.36	0.16	-2.30	10	2.30		
Chloroform	No	0	17	0.20	0.16	0.04	0.17	10	N/A		
1,2-Dichloroethane	No	0	17	0.20	0.16	0.04	0.17	10	N/A		
1,1-Dichloroethylene	Log	1	17	-1.02	-2.28	0.36	-2.16	10	2.30		
trans-1,2-Dichloroethylene	No	0	17	0.20	0.16	0.04	0.17	10	N/A		
Ethyl benzene	Log	0	17	-1.77	-2.36	0.16	-2.30	10	2.30		
Methylene chloride	Log	2	17	0.26	-2.06	0.72	-1.83	10	2.30		
1,1,2,2-Tetrachloroethane	Log	0	17	-1.08	-1.67	0.16	-1.61	10	2.30		
Tetrachloroethylene	Log	1	17	-1.39	-2.30	0.28	-2.21	10	2.30		
Toluene	Log	1	17	-1.05	-2.28	0.35	-2.16	10	2.30		
1,1,1-Trichloroethane	Log	1	17	3.58	-1.28	1.78	-0.70	10	2.30		
1,1,2-Trichloroethane	Log	0	17	-1.77	-2.36	0.16	-2.30	10	2.30		
Trichloroethylene	Log	0	17	-1.08	-1.67	0.16	-1.61	10	2.30		
Trichlorofluoromethane	Log	0	17	-1.77	-2.36	0.16	-2.30	10	2.30		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	No	0	17	0.20	0.16	0.04	0.17	10	N/A		
Vinyl chloride	Log	0	17	-1.77	-2.36	0.16	-2.30	4	1.39		
m,p-Xylene ^a	Log	0	17	-0.04	-1.55	0.46	-1.40	10	2.30		
o-Xylene	Log	3	17	-0.04	-1.55	0.46	-1.40	10	2.30		
Acetone	Log	1	17	1.46	-1.73	1.04	-1.39	100	4.61		
Butanol	Log	2	17	1.39	0.24	0.46	0.39	100	4.61		
Ethyl ether	Log	0	17	2.77	0.92	1.25	1.33	100	4.61		
Isobutanol	No	0	17	1.70	1.41	0.22	1.48	100	N/A		

Q15008

CCP Solids Analysis VOC UCL₉₀ Evaluation Form

WSPF #: LA-MIN03-NC.001

Waste Stream Lot Number

1 through 2

ANALYTE	Transform Data Used (No, Data-Log, SQRT, other)	# Samples above MDL (1)	# Samples (2)	Maximum (ppmv)	Mean (ppmv)	SD (ppmv)	UCL ₉₀ (ppmv)	PRQL (ppmv)	Transformed PRQL (N/A or Value)	UCL ₉₀ > PRQL Yes	EPA Code
Methanol	No	1	17	1.15	0.88	0.23	0.95	100	N/A		
Methyl ethyl ketone	Log	0	17	2.23	0.86	0.80	1.12	100	4.61		
Pyradine	No	0	17	1.70	1.24	0.48	1.40	100	N/A		
1,4-Dichloroethanebenzene ^c	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
1,4-Dichloroethanebenzene ^c	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
1,4-Dichloroethanebenzene ^b	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Ortho-Dichlorobenzene ^b	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Formaldehyde ^c	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Hydrazine ^d	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		

^a These xylene isomers cannot be resolved by the analytical methods employed in the program. m-Xylene and p-Xylene will be reported as "Total m-p-Xylene."

^b Can also be analyzed as an SVOC. If analyzed as an SVOC, the QAO's of CCP-TP-001, Table B3-6 apply.

^c Required only for homogenous solids and soil/gravel waste from the Savannah River Site.

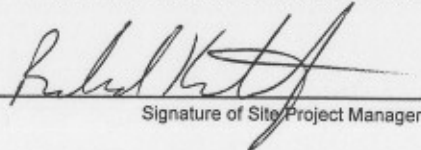
^d Required only for homogenous solids and soil/gravel waste from Oak Ridge National Laboratory and Savannah River Site.

Comments:

(1) For analytes where there were no samples measured above the MDL value, 1/2 of the MDL value was used. (Per section B4 of the WAP, 1/2 of the MDL value is used in calculating the mean concentration.)

(2) As a result of dilution requirements, several analytes were reported as non-detected with MDL values in excess of the PRQL. In accordance with Section B4-3d of the WIPP-WAP, such "U" flagged observations with elevated MDL values due to dilution were not used in calculating mean concentration. Consequently, the subject analytes were statistically evaluated using only the useable observations. For analytes with no useable data, there is no corresponding data reported on the UCL90 evaluation form.

(3) For analytes where there is no standard deviation, there is inadequate data to perform the statistical analysis.


Signature of Site Project Manager

Richard Kantrowitz
Printed Name

3/20/2008
Date

CCP Solids Analysis SVOC UCL₉₀ Evaluation Form

WSPF #: LA-MIN03-NC.001

Waste Stream Lot Number

1 through 2

ANALYTE	Transform Data Used (No, Data-Log, SQRT, other)	# Samples above MDL (1)	# Samples (2)	Maximum (ppmv)	Mean (ppmv)	SD (ppmv)	UCL ₉₀ (ppmv)	PRQL (ppmv)	Transformed PRQL (N/A or Value)	UCL ₉₀ > PRQL Yes	EPA Code
2-Methylphenol (cresols)	Log	0	17	-0.69	-1.72	0.40	-1.59	40	3.69		
3&4 -Methylphenol (cresols)	No	0	17	0.50	0.26	0.11	0.30	40	N/A		
1,4-Dichlorobenzene ^(a)	Log	0	17	-0.69	-1.72	0.40	-1.59	40	3.69		
Ortho-Dichlorobenzene ^a	Log	0	17	-0.69	-1.72	0.40	-1.59	40	3.69		
2,4-Dinitrophenol	No	0	17	0.50	0.12	0.10	0.15	40	N/A		
2,4-Dinitrotoluene	Log	0	17	-0.69	-1.95	0.37	-1.82	2.6	0.96		
Hexachlorobenzene	Log	0	17	-0.69	-1.92	0.36	-1.80	2.6	0.96		
Hexachloroethane	Log	0	17	-0.69	-1.72	0.40	-1.59	40	3.69		
Nitrobenzene	Log	0	17	-0.69	-1.72	0.40	-1.59	40	3.69		
Pentachlorophenol	No	0	17	0.50	0.12	0.10	0.15	40	N/A		

^a Can also be analyzed as a VOC. If analyzed as a VOC, the QAO's of CCP-TP-001, Table B3-4 apply.

Comments:

(1) For analytes where there were no samples measured above the MDL value, 1/2 of the MDL value was used. (Per section B4 of the WAP, 1/2 of the MDL value is used in calculating the mean concentration.)



Signature of Site Project Manager

Richard Kantrowitz

Printed Name

3/20/2008

Date

GIS 010

CCP Solids Analysis Metals UCL₉₀ Evaluation Form

WSPF #: LA-MIN03-NC.001

Waste Stream Lot Number


1 through 2

ANALYTE	Transform Data Used (No, Data-Log, SQRT, other)	# Samples above MDL (1)	# Samples	Maximum (ppmv)	Mean (ppmv)	SD (ppmv)	UCL ₉₀ (ppmv)	PRQL (ppmv)	Transformed PRQL (N/A or Value)	UCL ₉₀ > PRQL Yes	EPA Code
Antimony	Log	11	17	1.55	0.02	0.74	0.26	100	4.61		
Arsenic	No	12	17	5.10	3.34	1.02	3.67	100	N/A		
Barium	Log	5	17	5.63	3.52	0.69	3.75	2000	7.60		
Beryllium	SQRT	12	17	7.21	4.15	2.07	4.82	100	10.00		
Cadmium	Log	12	17	2.12	1.57	0.31	1.67	20	3.00		
Chromium	Log	5	17	5.14	4.62	0.44	4.76	100	4.61	Yes	D007
Lead	SQRT	3	17	19.49	14.07	2.53	14.89	100	10.00	Yes	D008
Mercury	SQRT	2	17	6.71	3.52	1.37	3.96	4	2.00	Yes	D009
Nickel	Log	12	17	6.90	5.38	0.79	5.63	100	4.61	Yes	(2)
Selenium	Log	1	17	0.41	-0.86	0.64	-0.66	20	3.00		
Silver	Log	12	17	4.17	3.27	0.58	3.45	100	4.61		
Thallium	Log	0	17	2.64	-0.09	1.05	0.25	100	4.61		
Vanadium	No	12	17	7.40	5.50	1.18	5.89	100	N/A		
Zinc	Log	12	17	6.89	5.64	0.54	5.82	100	4.61	Yes	(2)

Comments:

(1) For analytes where there were no samples measured above the MDL value, 1/2 of the MDL value was used. (Per section B4 of the WAP, 1/2 of the MDL value is used in calculating the mean concentration.)

(2) Nickel and zinc are not listed under 40CFR 261.30 or as toxicity characteristic compounds per 40CFR 261.20.



Signature of Site Project Manager

Richard Kantrowitz

Printed Name

3/20/2008

Date

110501

CCP Solid VOCs Summary Data

Waste Stream Number

LA-MIN03-NC.001

Waste Stream Lot Number

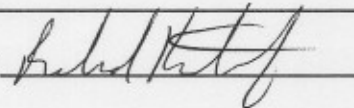
2

Tentatively Identified Compound	Maximum Observed Estimated Concentrations (ppmv)	# Samples Containing TIC	% Detected
Benzyl Chloride	1.50	1	5.88%
1,1-dichloroethane	5.40	1	5.88%

Data Supports EPA Hazardous Waste Numbers Assigned by AK? Yes No

If no, describe the basis for assigning the EPA Hazardous Waste Codes:

SPM Signature



Date 3/20/2008

CCP Solid SVOCs Summary Data

Waste Stream Number

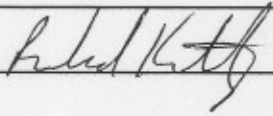
LA-MIN03-NC.001

Waste Stream Lot Number

2

Tentatively Identified Compound	Maximum Observed Estimated Concentrations (ppmv)	# Samples Containing TIC	% Detected
bis(2-ethylhexyl)phthalate	37.00	16	94.12%
Data Supports EPA Hazardous Waste Numbers Assigned by AK? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
If no, describe the basis for assigning the EPA Hazardous Waste Codes:			

SPM Signature



Date 3/20/2008

CCP RTR/VE Summary of Prohibited Items and AK Confirmation

Waste Stream Number: LA-MIN03-NC.001

Lot #: 42

Container Number	RTR Prohibited Items *	Visual Examination Prohibited Items *
See correlation of container ID numbers for list of remaining drum numbers in this Lot.	RTR Data sheets confirm that none of the remaining containers in this lot contain any prohibited items.	None of the containers in this lot had prohibited items identified in VE.
a. See Batch Data Reports b. If AK has assigned U134 to this waste stream, then any liquids in these containers are prohibited items (not acceptable by the TSDF).		



Site Project Manager Signature

Richard Kantrowitz
Printed Name

3/20/2008
Date

CCP Reconciliation with Data Quality Objectives

WSF# LA-MIN03-NC.001

Lot # 42

Sampling Completeness

RTR:

Number of Valid Samples: 75 Number of Total Samples Analyzed: 75
Percent Complete: 100 (QAO is 100%)

NDA

Number of Valid Samples: 75 Number of Total Samples Analyzed: 75
Percent Complete: 100 (QAO is 100%)

HSG

Number of Valid Samples: NA Number of Total Samples collected: NA
Percent Complete: NA (QAO is $\geq 90\%$)
Number of Valid Samples: NA Number of Total Samples analyzed: NA
Percent Complete: NA (QAO is $\geq 90\%$)

Total VOC

Number of Valid Samples: 17 Number of Total Samples collected: 17
Percent Complete: 100 (QAO is $\geq 90\%$)
Number of Valid Samples: 17 Number of Total Samples analyzed: 17
Percent Complete: 100 (QAO is $\geq 90\%$)

Total SVOC

Number of Valid Samples: 17 Number of Total Samples collected: 17
Percent Complete: 100 (QAO is $\geq 90\%$)
Number of Valid Samples: 17 Number of Total Samples analyzed: 17
Percent Complete: 100 (QAO is $\geq 90\%$)

Total Metals

Number of Valid Samples: 17 Number of Total Samples collected: 17
Percent Complete: 100 (QAO is $\geq 90\%$)
Number of Valid Samples: 17 Number of Total Samples analyzed: 17
Percent Complete: 100 (QAO is $\geq 90\%$)

CCP Reconciliation with Data Quality Objectives

WSF# LA-MIN03-NC.001

Lot # 42

	Y/N/NA	Reconciliation Parameter
1	Y	Waste Matrix Code.
2	Y	Waste Material Parameter Weights.
3	Y	The waste matrix code identified is consistent with the type of sampling and analysis used to characterize the waste.
4	Y	The TRU activity reported in the BDRs for each container demonstrates with a 95% probability that the container of waste contains TRU radioactive waste.
5	N	AK Sufficiency. Is there an approved AK sufficiency Determination for this waste stream?
6	NA	Mean concentrations, UCL ₉₀ values for the mean concentration, standard deviations, and the number of samples collected for each VOC in the HSG of each container were calculated and compared with the program required quantitation limits, as reported in CCP-TP-003, Attachment 3, and additional Environmental Protection Agency (EPA) Hazardous Waste Numbers were assigned as required. Samples were randomly collected (when appropriate).
7a	Y	Mean concentrations, UCL ₉₀ values for the mean concentration, standard deviations, and the number of samples collected for solids VOCs were calculated and compared with the program required quantitation limits and regulatory thresholds, as reported in the Characterization Information Summary, CCP-TP-003, Attachment 4, and additional EPA Hazardous Waste Numbers were assigned as required. Samples were randomly collected.
7b	Y	Mean concentrations, UCL ₉₀ values for the mean concentration, standard deviations, and the number of samples collected for solids SVOCs were calculated and compared with the program required quantitation limits and regulatory thresholds, as reported in the Characterization Information Summary, CCP-TP-003, Attachment 5, and additional EPA Hazardous Waste Numbers were assigned as required. Samples were randomly collected.
7c	Y	Mean concentrations, (UCL ₉₀) values for the mean concentration, standard deviations, and the number of samples collected for total metals were calculated and compared with the program required quantitation limits and regulatory thresholds, as reported in the Characterization Information Summary, CCP-TP-003, Attachment 6, and additional EPA Hazardous Waste Numbers were assigned as required. Samples were randomly collected.

CCP Reconciliation with Data Quality Objectives

WSF# LA-MIN03-NC.001

Lot # 42

8	Y	The data demonstrates whether the waste stream exhibits a toxicity characteristic under Title 40 Code of Federal Regulations (CFR), Part 261, Identification and Listing of Hazardous Waste, Subpart C, Characteristics of Hazardous Waste.		
9	Y	Does the waste stream contain listed waste found in 20.4.1.200 NMAC incorporating 40 CFR Part 261, Subpart D, Lists of Hazardous Wastes.		
10	Y	Waste stream can be classified as hazardous or nonhazardous at the 90-percent confidence level.		
11	Y	Appropriate packaging configuration and Drum Age Criteria (DAC) is applied and documented in the headspace gas sampling documentation, and the drum age met prior to sampling.		
12	Y	TICs were appropriately identified and reported in accordance with the requirements of Section B3-1 of the QAPjP.		
13	NA	The PRQLs for headspace gas VOCs were met for all analyses as evidenced by the analytical batch data reports.		
14		The overall completeness, comparability, and representativeness QAOs were met for each of the analytical and testing procedures as specified in the WAP Sections B3-2 through B3-9 prior to submittal of a waste stream profile form for a waste steam or waste stream lot.		
		Completeness	Comparability	Representativeness
	Radiography	Y	Y	Y
	NDE	Y	Y	Y
	Headspace Gas Analysis	NA	NA	NA
	Solids Sampling	Y	Y	Y
	Solids VOCs	Y	Y	Y
	Solids SVOCs	Y	Y	Y
Solids Metals	Y	Y	Y	
Comments: None				


 Signature of Site Project Manager

Richard Kantrowitz
 Printed Name

3/20/2008
 Date