

RECEIVED JANUARY 9, 2008

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FLUOR**Memorandum**

M4W41-SLF-08-011

To: H. Hampt E6-35 Date: January 7, 2008

From: S. L. Fitzgerald, Manager WSCF Analytical Lab *SLF*

cc: w/Attachments
 T. F. Dale S3-30 J. E. Trechter S3-30
 H. K. Meznarich S3-30 S. J. Trent E6-35
 P. D. Mix S3-30 File/LB

Subject: FINAL RESULTS FOR SAMPLE DELIVERY GROUP WSCF20072289 – SAF NUMBER F08-042

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 WSCF20072289:

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

SLF/grf

Attachments 4

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M4W41-SLF-08-011

ATTACHMENT 1

COVER SHEET

Consisting of 2 pages
Including cover page

WSCF SAF NUMBER CROSS REFERENCE

Group#: WSCF20072289
Data Deliverable Date: 03-jan-2008
Data Deliverable: Cover Sheet

SAF#	Sample ID	WSCF#	Matrix
F08-042	B1RWH1	W07GR03317	SOIL
	B1RWH2	W07GR03318	SOIL
	B1RWH3	W07GR03315	SOIL
	B1RWH4	W07GR03312	SOIL
	B1RWH5	W07GR03316	SOIL
	B1RWJ2	W07GR03321	SOIL
	B1RWJ3	W07GR03322	SOIL
	B1RWJ4	W07GR03319	SOIL
	B1RWJ5	W07GR03313	SOIL
	B1RWJ6	W07GR03320	SOIL

M4W41-SLF-08-011

ATTACHMENT 2

NARRATIVE

**Consisting of 3 pages
Including cover page**

Introduction

Fifteen groundwater samples were received at the WSCF Laboratory on December 21, 2007. Samples were analyzed for the analytes indicated on the attached copy of the chain of custody (COC) form in accordance with the *Groundwater Remediation Program – Letter of Instruction*, referenced in the cover letter.

The narrative (Attachment 2) will address sample characteristics, analyses requested and general information in performance of the analytical methods. A Data Summary Report (Attachment 3) includes analytical results, a comment report detailing method abnormalities, tentatively identified peaks if applicable, method references, and Laboratory QC information as applicable. Copies of the chain of custody and sample receipt documentation are included as Attachment 4.

It should be noted that the attached chain of custody was stamped “iced” by the WSCF Laboratory Sample Custodian during sample receiving, indicating the presence of ice in the sample container.

Analytical Methodology for Requested Analyses

Refer to *WSCF Method References Report*, pages 11 through 12, for a complete listing of approved analytical methods.

Inorganic Comments

Anions – Holding time requirements for this analysis 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 33 for QC details.

All QC controls are within the established limits.

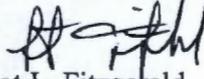
Organic Comments

VOA – The hold time requirement for this analysis was met. A Matrix Spike, Matrix Spike Duplicate, Blank and Laboratory Control Sample, were analyzed with this delivery group per the GRP Letter of Instruction. See pages 24 through 27 for QC details.

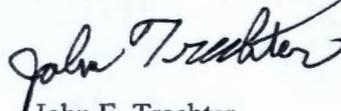
- Analytical results were reported on an “As Received” basis and not corrected for moisture.

All QC controls are within the established limits.

I certify that this data package is in compliance with the LOI, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Analytical Manager and Client Services as verified by the following signatures.



Scot L. Fitzgerald
WSCF Analytical Laboratory Manager



John E. Trechter
WSCF Client Services

M4W41-SLF-08-011

ATTACHMENT 3

ANALYTICAL RESULTS

Consisting of 27 pages
Including cover page

WSCF
ANALYTICAL RESULTS REPORT

for

Groundwater Remediation Program

Richland, WA 99354

Attention: Steve Trent

Analytical:

S. Fitzgerald 1/7/08

Client Services:

John Treckter 1/7/08

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#: WSCF20072289

Report Date: 7-jan-2008

Report WGPP/ver. 5.2

Groundwater Remediation Program

W13q Worklist/Batch/QC Report for Group# WSCF20072289

WL#	S#	Batch	QC#	Tray Type	Sample#	Test
			39336	BLANK		VOA Ground Water Protection
			39336	LCS		VOA Ground Water Protection
			39336	SAMPLE	W07GR03313	VOA Ground Water Protection
			39336	SURR	W07GR03313	VOA Ground Water Protection
			39336	MS	W07GR03319	VOA Ground Water Protection
			39336	MSD	W07GR03319	VOA Ground Water Protection
			39336	SAMPLE	W07GR03319	VOA Ground Water Protection
			39336	SPK-RPD	W07GR03319	VOA Ground Water Protection
			39336	SURR	W07GR03319	VOA Ground Water Protection
			39336	SAMPLE	W07GR03320	VOA Ground Water Protection
			39336	SURR	W07GR03320	VOA Ground Water Protection
			39336	SAMPLE	W07GR03321	VOA Ground Water Protection
			39336	SURR	W07GR03321	VOA Ground Water Protection
			39336	SAMPLE	W07GR03322	VOA Ground Water Protection
			39336	SURR	W07GR03322	VOA Ground Water Protection

W13q Worklist/Batch/QC Report for Group# WSCF20072289

WL#	S#	Batch	QC#	Tray Type	Sample#	Test
34682	2	35081	39323	BLANK		Anions by Ion Chromatography
34682	12	35081	39323	BLANK		Anions by Ion Chromatography
34682	3	35081	39323	LCS		Anions by Ion Chromatography
34682	5	35081	39323	DUP	W07GR03312	Anions by Ion Chromatography
34682	6	35081	39323	MS	W07GR03312	Anions by Ion Chromatography
34682	7	35081	39323	MSD	W07GR03312	Anions by Ion Chromatography
34682	4	35081	39323	SAMPLE	W07GR03312	Anions by Ion Chromatography
34682	7	35081	39323	SPK-RPD	W07GR03312	Anions by Ion Chromatography
34682	8	35081	39323	SAMPLE	W07GR03315	Anions by Ion Chromatography
34682	9	35081	39323	SAMPLE	W07GR03316	Anions by Ion Chromatography
34682	10	35081	39323	SAMPLE	W07GR03317	Anions by Ion Chromatography
34682	11	35081	39323	SAMPLE	W07GR03318	Anions by Ion Chromatography

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-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>.

Report Date: 7-jan-2008
Report#: WSCF20072289
Report WGPPM/5.2

Page 2

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-523-455	LA-523-455: VOLATILE SAMPLE ANALYSIS BY SW-846
EPA SW-846 8000B	DETERMINATIVE CHROMATOGRAPHIC SEPARATIONS
EPA SW-846 8260B	VOLATILE ORGANIC COMPOUNDS BY GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)
HEIS 8260_VOA_GCMS	Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Note: A complete list of WSCF analytical procedures and referenced regulatory or industry methods is available online at <http://www2.rl.gov/phmc/as-dol>.

Report Date: 7-jan-2008
Report#: WSCF20072289
Report WGPPM/5.2

Page 1

WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F08-042
Sample # W07GR03313
Client ID: B1RWJ5

**TRENT
WSCF**

Matrix: SOIL

Group #: WSCF20072289
Department: Organic
Sampled: 12/21/07
Received: 12/21/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
Trichloroethene	79-01-6	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
Benzene	71-43-2	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
Toluene	108-88-3	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
Chlorobenzene	108-90-7	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
1,1-Dichloroethane	75-34-3	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
Ethylbenzene	100-41-4	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
Styrene	100-42-5	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
cis-1,3-Dichloropropene	10061-01-5	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
trans-1,3-Dichloropropene	10061-02-6	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
1,2-Dichloroethane	107-06-2	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
4-Methyl-2-Pentanone	108-10-1	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
Dibromochloromethane	124-48-1	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
Tetrachloroethene	127-18-4	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
Xylenes (total)	1330-20-7	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
1,2-Dichloroethene(Total)	540-59-0	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
Carbon tetrachloride	56-23-5	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
2-Hexanone	591-78-6	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
Acetone	67-64-1	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
Chloroform	67-66-3	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
1,1,1-Trichloroethane	71-55-6	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
Bromomethane	74-83-9	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
Chloromethane	74-87-3	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
Chloroethane	75-00-3	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07

MDL=Minimum Detection Limit

RQ=Result Qualifier

TP Err=Total Propagated Error

DF=Dilution Factor

* - Indicates results that have NOT been validated;

+ - Indicates more than six qualifier symbols

B - The analyte < the RDL but > = the IDL/MDL (inorg)

D - Analyte was identified at a secondary dilution factor(inorg)

D - Analyte was identified at a secondary dilution factor

U - Analyzed for but not detected above limiting criteria.(org)

Report WGPP/ver. 5.2

Groundwater Remediation Program

WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F08-042
Sample # W07GR03313
Client ID: B1RWJ5

**TRENT
WSCF**

Matrix: SOIL

Group #: WSCF20072289
Department: Organic
Sampled: 12/21/07
Received: 12/21/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Vinyl chloride	75-01-4	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
Methylenechloride	75-09-2	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
Carbon disulfide	75-15-0	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
Bromoform	75-25-2	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
Bromodichloromethane	75-27-4	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
1,2-Dichloropropane	78-87-5	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
2-Butanone	78-93-3	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
1,1,2-Trichloroethane	79-00-5	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07
1,1,2,2-Tetrachloroethane	79-34-5	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		12/26/07

MDL=Minimum Detection Limit

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Report WGPP/ver. 5.2

Groundwater Remediation Program

WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F08-042
Sample # W07GR03319
Client ID: B1RWJ4

**TRENT
WSCF**

Matrix: SOIL

Group #: WSCF20072289
Department: Organic
Sampled: 12/21/07
Received: 12/21/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
Trichloroethene	79-01-6	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
Benzene	71-43-2	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
Toluene	108-88-3	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
Chlorobenzene	108-90-7	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
1,1-Dichloroethane	75-34-3	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
Ethylbenzene	100-41-4	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
Styrene	100-42-5	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
cis-1,3-Dichloropropene	10061-01-5	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
trans-1,3-Dichloropropene	10061-02-6	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
1,2-Dichloroethane	107-06-2	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
4-Methyl-2-Pentanone	108-10-1	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
Dibromochloromethane	124-48-1	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
Tetrachloroethene	127-18-4	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
Xylenes (total)	1330-20-7	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
1,2-Dichloroethene(Total)	540-59-0	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
Carbon tetrachloride	58-23-5	LA-523-455		32.0	ug/kg			1.00	0.71		12/26/07
2-Hexanone	591-78-6	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
Acetone	67-64-1	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
Chloroform	67-86-3	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
1,1,1-Trichloroethane	71-55-6	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
Bromomethane	74-83-9	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
Chloromethane	74-87-3	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07
Chloroethane	75-00-3	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/26/07

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B - The analyte < the RDL but >= the IDL/MDL (inorg)

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U - Analyzed for but not detected above limiting criteria.(org)

Report WGPP/ver. 5.2

Groundwater Remediation Program

WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F08-042
Sample # W07GR03319
Client ID: B1RWJ4

**TRENT
WSCF**

Matrix: SOIL

Group #: WSCF20072289
Department: Organic
Sampled: 12/21/07
Received: 12/21/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Vinyl chloride	75-01-4	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/28/07
Methylenechloride	75-09-2	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/28/07
Carbon disulfide	75-15-0	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/28/07
Bromoform	75-25-2	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/28/07
Bromodichloromethane	75-27-4	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/28/07
1,2-Dichloropropane	78-87-5	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/28/07
2-Butanone	78-93-3	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/28/07
1,1,2-Trichloroethane	79-00-5	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/28/07
1,1,2,2-Tetrachloroethane	79-34-5	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/28/07

MDL=Minimum Detection Limit

RQ=Result Qualifier

TP Err=Total Propagated Error

DF=Dilution Factor

B - The analyte < the RDL but > = the IDL/MDL (inorg)

D - Analyte was identified at a secondary dilution factor(inorg)

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Report WGPP/ver. 5.2

Groundwater Remediation Program

WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F08-042
Sample # W07GR03320
Client ID: B1RWJ6

**TRENT
WSCF**

Matrix: SOIL

Group #: WSCF20072289
Department: Organic
Sampled: 12/21/07
Received: 12/21/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
Trichloroethene	79-01-6	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
Benzene	71-43-2	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
Toluene	108-88-3	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
Chlorobenzene	108-90-7	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
1,1-Dichloroethane	75-34-3	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
Ethylbenzene	100-41-4	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
Styrene	100-42-5	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
cis-1,3-Dichloropropene	10061-01-5	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
trans-1,3-Dichloropropene	10061-02-6	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
1,2-Dichloroethane	107-06-2	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
4-Methyl-2-Pentanone	108-10-1	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
Dibromochloromethane	124-48-1	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
Tetrachloroethene	127-18-4	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
Xylenes (total)	1330-20-7	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
1,2-Dichloroethene(Total)	540-59-0	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
Carbon tetrachloride	56-23-5	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
2-Hexanone	591-78-6	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
Acetone	67-64-1	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
Chloroform	67-66-3	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
1,1,1-Trichloroethane	71-55-6	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
Bromomethane	74-83-9	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
Chloromethane	74-87-3	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
Chloroethane	75-00-3	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07

MDL = Minimum Detection Limit

RQ = Result Qualifier

TP Err = Total Propagated Error

DF = Dilution Factor

* - Indicates results that have NOT been validated;

B - The analyte < the RDL but > = the IDL/MDL (inorg)

D - Analyte was identified at a secondary dilution factor(inorg)

D - Analyte was identified at a secondary dilution factor

U - Analyzed for but not detected above limiting criteria.(org)

+ - Indicates more than six qualifier symbols

Report WGPP/ver. 5.2

Groundwater Remediation Program

WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F08-042
Sample # W07GR03320
Client ID: B1RWJ6

**TRENT
WSCF**

Matrix: SOIL

Group #: WSCF20072289
Department: Organic
Sampled: 12/21/07
Received: 12/21/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Vinyl chloride	75-01-4	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
Methylenechloride	75-09-2	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
Carbon disulfide	75-15-0	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
Bromoform	75-25-2	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
Bromodichloromethane	75-27-4	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
1,2-Dichloropropane	78-87-5	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
2-Butanone	78-93-3	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
1,1,2-Trichloroethane	79-00-5	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07
1,1,2,2-Tetrachloroethane	79-34-5	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		12/27/07

MDL=Minimum Detection Limit

RQ=Result Qualifier

TP Err=Total Propagated Error

DF=Dilution Factor

* - Indicates results that have NOT been validated;

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B - The analyte < the RDL but > = the IDL/MDL (inorg)

D - Analyte was identified at a secondary dilution factor(inorg)

D - Analyte was identified at a secondary dilution factor

U - Analyzed for but not detected above limiting criteria.(org)

Report WGPP/ver. 5.2

Groundwater Remediation Program

WSCF

ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F08-042
Sample # W07GR03321
Client ID: B1RWJ2

TRENT
WSCF

Matrix: SOIL

Group #: WSCF20072289
Department: Organic
Sampled: 12/21/07
Received: 12/21/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
Trichloroethene	79-01-8	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
Benzene	71-43-2	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
Toluene	108-88-3	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
Chlorobenzene	108-90-7	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
1,1-Dichloroethane	75-34-3	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
Ethylbenzene	100-41-4	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
Styrene	100-42-5	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
cis-1,3-Dichloropropene	10061-01-5	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
trans-1,3-Dichloropropene	10061-02-6	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
1,2-Dichloroethane	107-06-2	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
4-Methyl-2-Pentanone	108-10-1	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
Dibromochloromethane	124-48-1	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
Tetrachloroethene	127-18-4	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
Xylenes (total)	1330-20-7	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
1,2-Dichloroethene(Total)	540-59-0	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
Carbon tetrachloride	56-23-5	LA-523-455		13.0	ug/kg			1.00	0.88		12/27/07
2-Hexanone	591-78-6	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
Acetone	67-64-1	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
Chloroform	67-66-3	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
1,1,1-Trichloroethane	71-55-6	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
Bromomethane	74-83-9	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
Chloromethane	74-87-3	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
Chloroethane	75-00-3	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07

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

B - The analyte < the RDL but > = the IDL/MDL (inorg)
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Report WGPP/ver. 5.2
 Groundwater Remediation Program

WSCF

ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F08-042
Sample # W07GR03321
Client ID: B1RWJ2

TRENT
WSCF

Matrix: SOIL

Group #: WSCF20072289
Department: Organic
Sampled: 12/21/07
Received: 12/21/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Vinyl chloride	75-01-4	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
Methylenechloride	75-09-2	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
Carbon disulfide	75-15-0	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
Bromoform	75-25-2	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
Bromodichloromethane	75-27-4	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
1,2-Dichloropropane	78-87-5	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
2-Butanone	78-93-3	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
1,1,2-Trichloroethane	79-00-5	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07
1,1,2,2-Tetrachloroethane	79-34-5	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		12/27/07

MDL = Minimum Detection Limit

RQ = Result Qualifier

TP Err = Total Propagated Error

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Report WGPP/ver. 5.2

Groundwater Remediation Program

WSCF

ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F08-042
Sample # W07GR03322
Client ID: B1RWJ3

TRENT
WSCF

Matrix: SOIL

Group #: WSCF20072289
Department: Organic
Sampled: 12/21/07
Received: 12/21/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
Trichloroethene	79-01-6	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
Benzene	71-43-2	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
Toluene	108-88-3	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
Chlorobenzene	108-90-7	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
1,1-Dichloroethane	75-34-3	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
Ethylbenzene	100-41-4	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
Styrene	100-42-5	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
cis-1,3-Dichloropropene	10061-01-5	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
trans-1,3-Dichloropropene	10061-02-6	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
1,2-Dichloroethane	107-06-2	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
4-Methyl-2-Pentanone	108-10-1	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
Dibromochloromethane	124-48-1	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
Tetrachloroethene	127-18-4	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
Xylenes (total)	1330-20-7	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
1,2-Dichloroethene(Total)	540-59-0	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
Carbon tetrachloride	58-23-5	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
2-Hexanone	591-78-6	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
Acetone	67-64-1	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
Chloroform	67-66-3	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
1,1,1-Trichloroethane	71-55-6	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
Bromomethane	74-83-9	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
Chloromethane	74-87-3	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
Chloroethane	75-00-3	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07

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

B - The analyte < the RDL but > = the IDL/MDL (inorg)
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Report WGPP/ver. 5.2
 Groundwater Remediation Program

WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F08-042
Sample # W07GR03322
Client ID: B1RWJ3

**TRENT
WSCF**

Matrix: SOIL

Group #: WSCF20072289
Department: Organic
Sampled: 12/21/07
Received: 12/21/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Vinyl chloride	75-01-4	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
Methylenechloride	75-09-2	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
Carbon disulfide	75-15-0	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
Bromoform	75-25-2	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
Bromodichloromethane	75-27-4	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
1,2-Dichloropropane	78-87-5	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
2-Butanone	78-93-3	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
1,1,2-Trichloroethane	79-00-5	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07
1,1,2,2-Tetrachloroethane	79-34-5	LA-523-455	U	< 0.710	ug/kg			1.00	0.71		12/27/07

MDL=Minimum Detection Limit

RQ=Result Qualifier

TP Err=Total Propagated Error

DF=Dilution Factor

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Report WGPP/ver. 5.2

Groundwater Remediation Program

WSCF ANALYTICAL COMMENT REPORT

Attention: Steve Trent
Project Number F08-042

Group #: WSCF20072289
Department: Organic

Sample #	Client ID	Lab Area	Test	Comment
		VALGROUP		VOA: Sample concentrations reported on an "as received" basis and not corrected for percent moisture. gar

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 LABORATORY QC REPORT

Department: **Organic**

SDG Number: WSCF20072289
 Matrix: SOLID
 Test: VOA Ground Water Protection

Sample Date: 12/21/07
 Receive Date: 12/21/07

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W07GR03313											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	52.750	108.000	% Recov	75.000	125.000				12/26/07
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	50.290	103.000	% Recov	75.000	125.000				12/26/07
SURR	Toluene-d8(Surr)	2037-26-5	48.760	99.500	% Recov	80.000	126.000				12/26/07
Lab ID: W07GR03319											
BATCH QC ASSOCIATED WITH SAMPLE											
MS	1,1-Dichloroethene	75-35-4	22.580	108.000	% Recov	63.000	117.000				12/26/07
MS	Benzene	71-43-2	21.750	104.000	% Recov	75.000	129.000				12/26/07
MS	4-Bromofluorobenzene(Surr)	460-00-4	42.200	101.000	% Recov	75.000	125.000				12/26/07
MS	Chlorobenzene	108-90-7	20.480	98.300	% Recov	79.000	119.000				12/26/07
MS	1,2-Dichloroethane-d4(Surr)	17060-07-0	47.040	113.000	% Recov	75.000	125.000				12/26/07
MS	Toluene-d8(Surr)	2037-26-5	37.170	89.200	% Recov	75.000	125.000				12/26/07
MS	Toluene	108-88-3	20.930	100.000	% Recov	76.000	120.000				12/26/07
MS	Trichloroethene	79-01-6	23.710	114.000	% Recov	73.000	123.000				12/26/07
MSD	1,1-Dichloroethene	75-35-4	24.750	115.000	% Recov	63.000	117.000				12/27/07
MSD	Benzene	71-43-2	22.140	103.000	% Recov	75.000	129.000				12/27/07
MSD	4-Bromofluorobenzene(Surr)	460-00-4	48.700	113.000	% Recov	75.000	125.000				12/27/07
MSD	Chlorobenzene	108-90-7	21.640	100.000	% Recov	79.000	119.000				12/27/07
MSD	1,2-Dichloroethane-d4(Surr)	17060-07-0	44.780	104.000	% Recov	75.000	125.000				12/27/07
MSD	Toluene-d8(Surr)	2037-26-5	37.680	87.400	% Recov	75.000	125.000				12/27/07
MSD	Toluene	108-88-3	21.140	98.100	% Recov	76.000	120.000				12/27/07
MSD	Trichloroethene	79-01-6	23.910	111.000	% Recov	73.000	123.000				12/27/07
SPK-RPD	1,1-Dichloroethene	75-35-4	115.000		RPD			6.278	20.000		12/26/07
SPK-RPD	Benzene	71-43-2	103.000		RPD			0.966	20.000		12/26/07
SPK-RPD	4-Bromofluorobenzene(Surr)	460-00-4	113.000		RPD			11.215	20.000		12/26/07
SPK-RPD	Chlorobenzene	108-90-7	100.000		RPD			1.715	20.000		12/26/07

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20072289
 Matrix: SOLID
 Test: VOA Ground Water Protection

Sample Date: 12/21/07
 Receive Date: 12/21/07

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
SPK-RPD	1,2-Dichloroethane-d4(Surr)	17060-07-0	104.000		RPD			8.295	20.000		12/26/07
SPK-RPD	Toluene-d8(Surr)	2037-26-5	87.400		RPD			2.039	20.000		12/26/07
SPK-RPD	Toluene	108-88-3	98.100		RPD			1.918	20.000		12/26/07
SPK-RPD	Trichloroethene	79-01-6	111.000		RPD			2.667	20.000		12/26/07
SURR	4-Bromofluorobenzene(Surr)	460-00-4	38.240	107.000	% Recov	75.000	125.000				12/26/07
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	37.550	105.000	% Recov	75.000	125.000				12/26/07
SURR	Toluene-d8(Surr)	2037-26-5	33.740	94.500	% Recov	80.000	126.000				12/26/07

Lab ID: W07GR03320
BATCH QC ASSOCIATED WITH SAMPLE

SURR	4-Bromofluorobenzene(Surr)	460-00-4	58.010	116.000	% Recov	75.000	125.000				12/27/07
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	53.930	108.000	% Recov	75.000	125.000				12/27/07
SURR	Toluene-d8(Surr)	2037-26-5	47.380	94.800	% Recov	80.000	126.000				12/27/07

Lab ID: W07GR03321
BATCH QC ASSOCIATED WITH SAMPLE

SURR	4-Bromofluorobenzene(Surr)	460-00-4	44.890	102.000	% Recov	75.000	125.000				12/27/07
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	45.900	105.000	% Recov	75.000	125.000				12/27/07
SURR	Toluene-d8(Surr)	2037-26-5	42.900	97.800	% Recov	80.000	126.000				12/27/07

Lab ID: W07GR03322
BATCH QC ASSOCIATED WITH SAMPLE

SURR	4-Bromofluorobenzene(Surr)	460-00-4	40.770	114.000	% Recov	75.000	125.000				12/27/07
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	40.990	115.000	% Recov	75.000	125.000				12/27/07
SURR	Toluene-d8(Surr)	2037-26-5	35.570	99.600	% Recov	80.000	126.000				12/27/07

BATCH QC

BLANK	1,1-Dichloroethane	75-34-3	< 1.0	n/a	ug/Kg					U	12/26/07
BLANK	1,1,1-Trichloroethane	71-55-6	< 1.0	n/a	ug/Kg					U	12/26/07
BLANK	1,1,2-Trichloroethane	79-00-5	< 1.0	n/a	ug/Kg					U	12/26/07

WSCF ANALYTICAL LABORATORY QC REPORT

Department: **Organic**

SDG Number: WSCF20072289
 Matrix: SOLID
 Test: VOA Ground Water Protection

Sample Date:
 Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
BLANK	1,1,2,2-Tetrachloroethane	79-34-5	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	1,1-Dichloroethene	75-35-4	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	1,2-Dichloroethane	107-06-2	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	1,2-Dichloroethene(Total)	540-59-0	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	2-Hexanone	591-78-6	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	4-Methyl-2-Pentanone	108-10-1	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	Acetone	67-64-1	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	Bromodichloromethane	75-27-4	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	Benzene	71-43-2	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	4-Bromofluorobenzene(Surr)	460-00-4	50.740	101.000	% Recov	75.000	125.000				12/28/07
BLANK	Bromoform	75-25-2	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	Carbon disulfide	75-15-0	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	Carbon tetrachloride	56-23-5	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	Dibromochloromethane	124-48-1	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	Chloroform	67-66-3	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	Chlorobenzene	108-90-7	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	cis-1,3-Dichloropropene	10081-01-5	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	Chloroethane	75-00-3	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	1,2-Dichloroethane-d4(Surr)	17060-07-0	58.100	112.000	% Recov	75.000	125.000				12/28/07
BLANK	1,2-Dichloropropane	78-87-5	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	Ethylbenzene	100-41-4	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	Bromomethane	74-83-9	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	Chloromethane	74-87-3	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	2-Butanone	78-93-3	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	Methylenechloride	75-09-2	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	Tetrachloroethene	127-18-4	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	Styrene	100-42-5	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	Xylenes (total)	1330-20-7	< 1.0	n/a	ug/Kg					U	12/28/07
BLANK	Toluene-d8(Surr)	2037-28-5	47.560	95.100	% Recov	80.000	126.000				12/28/07
BLANK	Toluene	108-88-3	< 1.0	n/a	ug/Kg					U	12/28/07

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20072289
 Matrix: SOLID
 Test: VOA Ground Water Protection

Sample Date:
 Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
BLANK	trans-1,3-Dichloropropene	10061-02-6	< 1.0	n/a	ug/Kg					U	12/26/07
BLANK	Trichloroethene	79-01-6	< 1.0	n/a	ug/Kg					U	12/26/07
BLANK	Vinyl chloride	75-01-4	< 1.0	n/a	ug/Kg					U	12/26/07
LCS	1,1-Dichloroethene	75-35-4	24.080	96.300	% Recov	75.000	125.000				12/27/07
LCS	Benzene	71-43-2	25.320	101.000	% Recov	75.000	125.000				12/27/07
LCS	4-Bromofluorobenzene(Surr)	460-00-4	50.610	101.000	% Recov	75.000	125.000				12/27/07
LCS	Chlorobenzene	108-90-7	24.50000	98.000	% Recov	75.000	125.000				12/27/07
LCS	1,2-Dichloroethane-d4(Surr)	17060-07-0	54.420	109.000	% Recov	75.000	125.000				12/27/07
LCS	Toluene-d8(Surr)	2037-26-5	46.270	92.500	% Recov	80.000	126.000				12/27/07
LCS	Toluene	108-88-3	26.270	105.000	% Recov	75.000	125.000				12/27/07
LCS	Trichloroethene	79-01-6	26.920	108.000	% Recov	75.000	125.000				12/27/07

WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F08-042
Sample # W07GR03312
Client ID: B1RWH4

TRENT
 WSCF

Matrix: SOIL

Group #: WSCF20072289
Department: Inorganic
Sampled: 12/21/07
Received: 12/21/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											01/02/08
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	BD	1.38	mg/kg			50.00	0.25		01/02/08

MDL = Minimum Detection Limit

RQ = Result Qualifier

TP Err = Total Propagated Error

DF = Dilution Factor

* - Indicates results that have NOT been validated;

B - The analyte < the RDL but > = the IDL/MDL (inorg)

D - Analyte was identified at a secondary dilution factor (inorg)

D - Analyte was identified at a secondary dilution factor

U - Analyzed for but not detected above limiting criteria. (org)

+ - Indicates more than six qualifier symbols

Report WGPP/ver. 5.2

Groundwater Remediation Program

WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F08-042
Sample # W07GR03315
Client ID: B1RWH3

TRENT
WSCF

Matrix: SOIL

Group #: WSCF20072289
Department: Inorganic
Sampled: 12/21/07
Received: 12/21/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	D	5.95	mg/kg			50.00	0.25		01/02/08

MDL=Minimum Detection Limit

RQ=Result Qualifier

TP Err=Total Propagated Error

DF=Dilution Factor

* - Indicates results that have NOT been validated;

+ - Indicates more than six qualifier symbols

B - The analyte < the RDL but > = the IDL/MDL (Inorg)

D - Analyte was identified at a secondary dilution factor(Inorg)

D - Analyte was identified at a secondary dilution factor

U - Analyzed for but not detected above limiting criteria.(org)

Report WGPP/ver. 5.2

Groundwater Remediation Program

WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F08-042
Sample # W07GR03316
Client ID: B1RWH5

TRENT
 WSCF

Matrix: SOIL

Group #: WSCF20072289
Department: Inorganic
Sampled: 12/21/07
Received: 12/21/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	BD	0.358	mg/kg			49.00	0.24		01/02/08

MDL=Minimum Detection Limit

RQ=Result Qualifier

TP Err=Total Propagated Error

DF=Dilution Factor

B - The analyte < the RDL but > = the IDL/MDL (inorg)

D - Analyte was identified at a secondary dilution factor(inorg)

D - Analyte was identified at a secondary dilution factor

U - Analyzed for but not detected above limiting criteria.(org)

* - Indicates results that have NOT been validated;

+ - Indicates more than six qualifier symbols

Report WGPP/ver. 5.2

Groundwater Remediation Program

WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F08-042
Sample # W07GR03317
Client ID: B1RWH1

TRENT
 WSCF

Matrix: SOIL

Group #: WSCF20072289
Department: Inorganic
Sampled: 12/21/07
Received: 12/21/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	BD	1.00	mg/kg			50.00	0.25		01/02/08

MDL=Minimum Detection Limit

RQ=Result Qualifier

TP Err=Total Propagated Error

DF=Dilution Factor

B - The analyte < the RDL but > = the IDL/MDL (inorg)

D - Analyte was identified at a secondary dilution factor(inorg)

D - Analyte was identified at a secondary dilution factor

U - Analyzed for but not detected above limiting criteria.(org)

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

Report WGPP/ver. 5.2

Groundwater Remediation Program

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WSCF

ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F08-042
Sample # W07GR03318
Client ID: B1RWH2

TRENT
 WSCF

Matrix: SOIL

Group #: WSCF20072289
Department: Inorganic
Sampled: 12/21/07
Received: 12/21/07

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	BD	3.41	mg/kg			49.00	0.24		01/02/08

MDL = Minimum Detection Limit

RQ = Result Qualifier

TP Err = Total Propagated Error

DF = Dilution Factor

* - Indicates results that have NOT been validated;

B - The analyte < the RDL but > = the IDL/MDL (inorg)

D - Analyte was identified at a secondary dilution factor (inorg)

D - Analyte was identified at a secondary dilution factor

U - Analyzed for but not detected above limiting criteria. (org)

+ - Indicates more than six qualifier symbols

Report WGPP/ver. 5.2

Groundwater Remediation Program

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20072289
 Matrix: SOLID
 Test: Anions by Ion Chromatography

Sample Date: 12/21/07
 Receive Date: 12/21/07

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W07GR03312											
BATCH QC ASSOCIATED WITH SAMPLE											
DUP	Nitrogen in Nitrate	NO3-N	1.3502		RPD			2.523	20.000		01/02/08
MS	Nitrogen in Nitrate	NO3-N	0.456371	100.081	% Recov	75.000	125.000				01/02/08
MSD	Nitrogen in Nitrate	NO3-N	0.44799	98.243	% Recov	75.000	125.000				01/02/08
SPK-RPD	Nitrogen in Nitrate	NO3-N	98.243		RPD			1.854	20.000		01/02/08
BATCH QC											
BLANK	Nitrogen in Nitrate	NO3-N	<5e-3	n/a	mg/L	0.000	0.040			U	01/02/08
BLANK	Nitrogen in Nitrate	NO3-N	<5e-3	n/a	mg/L	0.000	0.040			U	01/02/08
LCS	Nitrogen in Nitrate	NO3-N	93.9767	104.303	% Recov	80.000	120.000				01/02/08

M4W41-SLF-08-011

ATTACHMENT 4

SAMPLE RECEIPT INFORMATION

Consisting of 18 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
12/28/07
st

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Groundwater Remediation Program

Richland, WA 99354
Attn: Steve Trent

Customer Code: GPP
PO#: 122598/ES20
Group#: 20072289
Project#: F08-042
Proj Mgr: Steve Trent E6-35
Phone: 373-5869

The following samples were received from you on 12/21/07. 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
W07GR03312	B1RWH4	TRENT @IC-30	Solid, or handle as if solid	12/21/07
W07GR03313	B1RWJ5	TRENT @VOA-GPP	Solid, or handle as if solid	12/21/07
W07GR03314	B1RWK0	TRENT @VOA-GPP	Solid, or handle as if solid	12/21/07
W07GR03315	B1RWH3	TRENT @IC-30	Solid, or handle as if solid	12/21/07
W07GR03316	B1RWH5	TRENT @IC-30	Solid, or handle as if solid	12/21/07
W07GR03317	B1RWH1	TRENT @IC-30	Solid, or handle as if solid	12/21/07
W07GR03318	B1RWH2	TRENT @IC-30	Solid, or handle as if solid	12/21/07
W07GR03319	B1RWJ4	TRENT @VOA-GPP	Solid, or handle as if solid	12/21/07
W07GR03320	B1RWJ6	TRENT @VOA-GPP	Solid, or handle as if solid	12/21/07
W07GR03321	B1RWJ2	TRENT @VOA-GPP	Solid, or handle as if solid	12/21/07
W07GR03322	B1RWJ3	TRENT @VOA-GPP	Solid, or handle as if solid	12/21/07
W07GR03323	B1RWJ9	TRENT @VOA-GPP	Solid, or handle as if solid	12/21/07
W07GR03324	B1RWK1	TRENT @VOA-GPP	Solid, or handle as if solid	12/21/07
W07GR03325	B1RWJ7	TRENT @VOA-GPP	Solid, or handle as if solid	12/21/07
W07GR03326	B1RWJ8	TRENT @VOA-GPP	Solid, or handle as if solid	12/21/07

Test Acronym Description

Test Acronym	Description
--------------	-------------

Groundwater Remediation Program

Richland, WA 99354
Attn: Steve Trent

Customer Code: GPP
PO#: 122598/ES20
Group#: 20072289
Project#: F08-042
Proj Mgr: Steve Trent E6-35
Phone: 373-5869

Test Acronym Description

Test Acronym	Description
@IC-30	Anions by Ion Chromatography
@VOA-GPP	VOA Ground Water Protection

COLLECTOR NCO Sampler <i>MICKLER</i>	COMPANY CONTACT BYRNES, ME	TELEPHONE NO. 373-3996	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8J	DATA TURNAROUND 7 Days / 45 Days
SAMPLING LOCATION I - 4	PROJECT DESIGNATION Soil Cleanup 200-ZP-1 at PW-1 Operable Unit		SAF NO. F08-042	AIR QUALITY <input type="checkbox"/>	
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122598E520	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=Vegetation W=Water WI=Wipe X=Other	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION		SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	
		Cool ~4C	Cool <-7C and >-20C		VOA - 5035/8260 (HIGH LEVEL);	VOA - 5035/8260 (LOW LEVEL);
		TYPE OF CONTAINER			aG/S	aG/S
		NO. OF CONTAINER(S)			3	5
		VOLUME			40mL	40mL

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME		
B1RWJ5 <i>3313</i>	SOIL	12-21-07	6:35	X	X

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.	
<i>Dr. West / Dan W. Hill</i>	<i>12-21-07 / 1125</i>	<i>JAF NAZ, et al</i>	<i>12-21-07 1125</i>		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		

ICED

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

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COLLECTOR NCO Sampler <i>MCKLOR</i>	COMPANY CONTACT BYRNES, ME	TELEPHONE NO. 373-3996	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8J	DATA TURNAROUND 7 Days / 45 Days
SAMPLING LOCATION I - 4	PROJECT DESIGNATION Soil Cleanup 200-ZP-1 at PW-1 Operable Unit		SAF NO. F08-042	AIR QUALITY <input type="checkbox"/>	
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122598E520	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=Vegetation W=Water WI=Wipe X=Other	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	Cool--4C							
		TYPE OF CONTAINER	g/S							
		NO. OF CONTAINER(S)	1							
		VOLUME	40mL							
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	VQA - 5035/8260 (TCL);							

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME						
B1RWK0 <i>3314</i>	SOIL	<i>12-21-07</i>	<i>0935</i>	<i>X</i>					

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.	
<i>Donna W. Newell</i>	<i>12-21-07 / 1125</i>	<i>TA FRAZIER</i>	<i>12/21/07 1125</i>		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		

ICED

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

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COLLECTOR NCO Sampler <i>MOKLER</i>	COMPANY CONTACT BYRNES, ME	TELEPHONE NO. 373-3996	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8J	DATA TURNAROUND 7 Days / 45 Days
SAMPLING LOCATION I - 3	PROJECT DESIGNATION Soil Cleanup 200-ZP-1 at PW-1 Operable Unit		SAF NO. F08-042	AIR QUALITY <input type="checkbox"/>	
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	CDA 122598E520	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 L=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	PRESERVATION	None							
		TYPE OF CONTAINER	aG							
		NO. OF CONTAINER(S)	1							
		VOLUME	60mL							
		SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	IC Anions - 300.0 (Nitrogen in Nitrate)						

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME						
B1RW3 3315	SOIL	12-21-07	0915	X					

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
<i>DAVID B. RAY</i>	12-21-07 1125	<i>TA. FRAZIER</i>	12/21/07 1125
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

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

ICED

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

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COLLECTOR NCO Sampler <i>MUKLER</i>	COMPANY CONTACT BYRNES, ME	TELEPHONE NO. 373-3996	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8J	DATA TURNAROUND 7 Days / 45 Days
SAMPLING LOCATION I - 5	PROJECT DESIGNATION Soil Cleanup 200-ZP-1 at PW-1 Operable Unit		SAF NO. F08-042	AIR QUALITY <input type="checkbox"/>	
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122598ES20	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 L=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	PRESERVATION	None																	
		TYPE OF CONTAINER	ag																	
		NO. OF CONTAINER(S)	1																	
		VOLUME	60mL																	
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	IC Anions - 300.0 (Nitrogen in Nitrate)																	

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME																
B1RWH5	3316 SOIL	12-21-07	0945																

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM <i>Dwight S. Smith</i>	DATE/TIME 12-21-07 / 11:25	RECEIVED BY/STORED IN <i>Victor Smith</i>	DATE/TIME 12/21/07 11:25	** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		

IOED

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

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COLLECTOR NCO Sampler <i>M&KLER</i>		COMPANY CONTACT BYRNES, ME	TELEPHONE NO. 373-3996	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8J	DATA TURNAROUND 7 Days / 45 Days
SAMPLING LOCATION I-1 <i>M&KLER</i>		PROJECT DESIGNATION Soil Cleanup 200-ZP-1 at PW-1 Operable Unit		SAF NO. F08-042	AIR QUALITY <input type="checkbox"/>	
ICE CHEST NO.		FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122598ES20	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=Vegetation W=Water WI=Wipe X=Other	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	None																	
		TYPE OF CONTAINER	aG																	
		NO. OF CONTAINER(S)	1																	
		VOLUME	60mL																	
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	IC Anions - 300.0 (Nitrogen in Nitrate)																	

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME																
B1RWH1	3317 SOIL	12-21-07	09:25	X															

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.	
<i>Dw WMS/Dw WMS</i>	<i>12-21-07/11:25</i>	<i>V. L. Smith</i>	<i>12/21/07 11:25</i>		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		

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

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COLLECTOR NCO Sampler <i>MULLER</i>	COMPANY CONTACT BYRNES, ME	TELEPHONE NO. 373-3996	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8J	DATA TURNAROUND 7 Days / 45 Days
SAMPLING LOCATION 1 - 2	PROJECT DESIGNATION Soil Cleanup 200-ZP-1 at PW-1 Operable Unit		SAF NO. F08-042	AIR QUALITY <input type="checkbox"/>	
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122598ES20	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=Vegetation W=Water WI=Wipe X=Other	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	None
		TYPE OF CONTAINER	aG
		NO. OF CONTAINER(S)	1
		VOLUME	60mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	IC Anions - 300.0 (Nitrogen in Nitrate)

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1RWH2 3318	SOIL	12-21-07	0850	X

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
<i>D. W. ...</i>	12-21-07 11:25	<i>Victor ...</i>	12/21/07 11:25
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS
 ** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GK1 applies to this SAF.

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

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COLLECTOR NCO Sampler <i>MUCKLER</i>		COMPANY CONTACT BYRNES, ME		TELEPHONE NO. 373-3996	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 83	DATA TURNAROUND 7 Days / 45 Days
SAMPLING LOCATION 1 - 3		PROJECT DESIGNATION Soil Cleanup 200-ZP-1 at PW-1 Operable Unit			SAF NO. F08-042	AIR QUALITY <input type="checkbox"/>	
ICE CHEST NO.		FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH		COA 122598E520	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=Vegetation W=Water WI=Wipe X=Other	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	Cool ~4C	Cool <-7C and >-20C			
		TYPE OF CONTAINER	g/G/S	g/G/S			
		NO. OF CONTAINER(S)	3	5			
		VOLUME	40mL	40mL			
		SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	VOA - 5035/8260 (HIGH LEVEL);	VOA - 5035/8260 (LOW LEVEL);		

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME						
B1RWJ4 3319	SOIL	12-21-07	1945	X	X				

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.
<i>AW NEBB / Kim W. Webb</i>	<i>12-21-07 / 1125</i>	<i>TA FAZLIM Jeros Jeros</i>	<i>12/21/07 1125</i>	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

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

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COLLECTOR NCO Sampler <i>MCKLER</i>	COMPANY CONTACT BYRNES, ME	TELEPHONE NO. 373-3996	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE BJ	DATA TURNAROUND 7 Days / 45 Days
SAMPLING LOCATION I-5	PROJECT DESIGNATION Soil Cleanup 200-ZP-1 at PW-1 Operable Unit		SAF NO. F08-042	AIR QUALITY <input type="checkbox"/>	
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122598ES20	METHOD OF SHIPMENT GOVERNMENT VEHICLE	

SHIPPED TO Waste Sampling & Characterization	OFFSITE PROPERTY NO. N/A	BILL OF LADING/AIR BILL NO. N/A
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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	PRESERVATION	Cool ~4C	Cool <-7C and >-20C						
		TYPE OF CONTAINER	aG/S	aG/S						
		NO. OF CONTAINER(S)	3	5						
		VOLUME	40mL	40mL						
		SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	VQA - 5035/8260 (HIGH LEVEL);	VQA - 5035/8260 (LOW LEVEL);					

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME							
B1RWJ6 3320	SOIL	12-21-07	0945							

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM <i>Don [signature]</i>	RECEIVED BY/STORED IN <i>Victor [signature]</i>	** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.
DATE/TIME 12-21-07 11:25	DATE/TIME 12/21/07 11:25	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
DATE/TIME	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
DATE/TIME	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
DATE/TIME	DATE/TIME	

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

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COLLECTOR NCO Sampler <i>MULLER</i>	COMPANY CONTACT BYRNES, ME	TELEPHONE NO. 373-3996	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8J	DATA TURNAROUND 7 Days / 45 Days
SAMPLING LOCATION I-1	PROJECT DESIGNATION Soll Cleanup 200-ZP-1 at PW-1 Operable Unit		SAF NO. F08-042	AIR QUALITY <input type="checkbox"/>	
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122598ES20	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO Waste Sampling & Characterization	OFFSITE PROPERTY NO. N/A	BILL OF LADING/AIR BILL NO. N/A			

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION		TYPE OF CONTAINER	NO. OF CONTAINER(S)	VOLUME	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS
		Cool ~4C	Cool <-7C and >-20C					

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME						
B1RWJ2 3321	SOIL	12-21-07	0925						

LCT# [unclear] 6621560

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
<i>Dw wells / Rin wells</i>	<i>12-21-07 11:25</i>	<i>Victor Barnes</i>	<i>12/14/07 11:25</i>
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

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

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

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COLLECTOR NCO Sampler <i>MEICLER</i>	COMPANY CONTACT BYRNES, ME	TELEPHONE NO. 373-3996	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8J	DATA TURNAROUND 7 Days / 45 Days
SAMPLING LOCATION I-2	PROJECT DESIGNATION Soil Cleanup 200-ZP-1 at PW-1 Operable Unit		SAF NO. F08-042	AIR QUALITY <input type="checkbox"/>	
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122598ES20	METHOD OF SHIPMENT GOVERNMENT VEHICLE	

SHIPPED TO Waste Sampling & Characterization	OFFSITE PROPERTY NO. N/A	BILL OF LADING/AIR BILL NO. N/A
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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	PRESERVATION	Cool-4C	Cool <-7C and >-20C
		TYPE OF CONTAINER	g/S	g/S
		NO. OF CONTAINER(S)	3	5
		VOLUME	40mL	40mL
		SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	VOA - 5035/8260 (HIGH LEVEL);

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME		
B1RWJ3 3322	SOIL	12-21-07	0850	X	X

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.	
<i>Quinn/O'Donnell</i>	<i>12-21-07 11:25</i>	<i>Victor S. Smith</i>	<i>12/21/07 11:25</i>		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		

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

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COLLECTOR NCO Sampler <i>MUKLOR</i>		COMPANY CONTACT BYRNES, ME	TELEPHONE NO. 373-3996	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8J	DATA TURNAROUND 7 Days / 45 Days
SAMPLING LOCATION I - 3		PROJECT DESIGNATION Soil Cleanup 200-ZP-1 at PW-1 Operable Unit		SAF NO. F08-042	AIR QUALITY <input type="checkbox"/>	
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH		COA 122598ES20	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=Vegetation W=Water WI=Wipe X=Other	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	Cool--4C																		
		TYPE OF CONTAINER	aG/S																		
		NO. OF CONTAINER(S)	1																		
		VOLUME	40ml																		
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	VOA - 5035/8260 (TCL)																		

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME																		
B1RWJ9	3323 SOIL	12-21-07	0915	X																	

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
<i>Wood/Well</i>	<i>12-21-07 / 1125</i>	<i>TA FIAZIN</i>	<i>12/21/07 1125</i>

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

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

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COLLECTOR NCO Sampler MCKLEIC		COMPANY CONTACT BYRNES, ME	TELEPHONE NO. 373-3996	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 83	DATA TURNAROUND 7 Days / 45 Days
SAMPLING LOCATION I - 5		PROJECT DESIGNATION Soil Cleanup 200-ZP-1 at PW-1 Operable Unit		SAF NO. F08-042	AIR QUALITY <input type="checkbox"/>	
ICE CHEST NO.		FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122598E520	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=Vegetation W=Water WI=Wipe X=Other	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	Cool-4C								
		TYPE OF CONTAINER	g/S								
		NO. OF CONTAINER(S)	1								
		VOLUME	40mL								
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	VQA - 5035/8260 (TCL);								

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME							
B1RWK1 3324	SOIL	12-21-07	0945							

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
<i>Donna Ross / Don W. Webb</i>	12-21-07 / 11:25	<i>Victor Sines</i>	12/21/07 11:25
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

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

ICED

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

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COLLECTOR NCO Sampler <i>MULLER</i>	COMPANY CONTACT BYRNES, ME	TELEPHONE NO. 373-3996	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8J	DATA TURNAROUND 7 Days / 45 Days
SAMPLING LOCATION I - 1	PROJECT DESIGNATION Soil Cleanup 200-ZP-1 at PW-1 Operable Unit		SAF NO. F08-042	AIR QUALITY <input type="checkbox"/>	
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122598E520	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 L=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	PRESERVATION	Cool-4C
		TYPE OF CONTAINER	aG/S
		NO. OF CONTAINER(S)	1
	SPECIAL HANDLING AND/OR STORAGE	VOLUME	40mL
	SAMPLE ANALYSIS	VOA - 5035/8260 (TCL);	

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1RWJ7 3325	SOIL	12-21-07	0925	X

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS ** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
<i>SW WASH/DI WASH</i>	<i>12-21-07/11:25</i>	<i>Victor T...</i>	<i>12/21/07 11:25</i>	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

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

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COLLECTOR NCO Sampler <i>MCKLER</i>	COMPANY CONTACT BYRNES, ME	TELEPHONE NO. 373-3996	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8J	DATA TURNAROUND 7 Days / 45 Days
SAMPLING LOCATION 1-2	PROJECT DESIGNATION Soil Cleanup 200-ZP-1 at PW-1 Operable Unit		SAF NO. F08-042	AIR QUALITY <input type="checkbox"/>	
ICE CHEST NO.	FIELD LOGBOOK NO.	ACTUAL SAMPLE DEPTH	COA 122598E520	METHOD OF SHIPMENT GOVERNMENT VEHICLE	

SHIPPED TO Waste Sampling & Characterization	OFFSITE PROPERTY NO. N/A	BILL OF LADING/AIR BILL NO. N/A
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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	PRESERVATION Cool-4C							
		TYPE OF CONTAINER	aG/S						
		NO. OF CONTAINER(S)	1						
		VOLUME	40mL						
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	VOA - 5035/8260 (TCL);						

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME						
B1RWJ8 3326	SOIL	12-21-07	0850	X					

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS ** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.
RELINQUISHED BY/REMOVED FROM <i>W. W. B. / W. W. B.</i>	DATE/TIME 12-21-07 11:25	RECEIVED BY/STORED IN <i>V. L. ...</i>	DATE/TIME 12/21/07 11:25	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

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

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Interval 1

SAMPLE RECORD SHEET							
Sample Number	Sample Suffix ¹	Empty Weight ² (g)	Weight with Sample ³ (g)	Weight of Sample ⁴ (g)	Methanol Added (g)	Methanol Added (mL)	Weight of Methanol and Sample
BIRWJZ	K	31.4	40.0	8.6	---	---	---
	L	31.2	39.0	7.8	---	---	---
	M	31.3	37.0	5.7	---	---	---
	N	31.3	37.0	5.7	---	---	---
	P	31.4	38.0	6.6	---	---	---
BIRWJZ		30.1	30.1	0	4.3	5.0	34.4
BIRWJZ	W	30.7	35.4	5.2	4.2	5.2	40.1
	X	30.2	35.6	5.4	4.2	5.4	39.8
	Y	30.2	36.0	5.8	4.8	5.8	40.8

¹Sample suffix of L, K, M, N and P relate to low-level concentration samples and will not have any preservation beyond freezing between -7C and -20C.
Sample suffix of W, X, and Y relate to methanol preservation for high-level samples.

²Empty weight is to include all labels, stickers, bags, and anything else that will be associated with the bottle when it is weighed with the sample.

³Ensure that everything weighed for the empty bottle and no additional items (besides the sample) is weighed.

⁴Sample weight is the vial with sample minus the vial empty

* Needle leaking at syringe connection during filling.

"Interval 2"

SAMPLE RECORD SHEET

Sample Number	Sample Suffix ¹	Empty Weight ² (g)	Weight with Sample ³ (g)	Weight of Sample ⁴ (g)	Methanol Added (g)	Methanol Added (mL)	Weight of Methanol and Sample
BIR053	K	31.2			--	--	--
	L	31.4	37.6	6.2	--	--	--
	M	31.5	39.5	8.0	--	--	--
	N	31.3	36.6	5.3	--	--	--
	P	31.5	38.5	7.0	--	--	--
BIR053		30.2	30.2	0		5.0	34.3
BIR053	W	30.2	35.5	5.3	4.5	5.4	40.0
	X	29.9	36.0	6.1	5.4	6.2	41.4
	Y	29.9	36.0	6.1	5.1	6.2	41.1

¹Sample suffix of L, K, M, N and P relate to low-level concentration samples and will not have any preservation beyond freezing between -7C and -20C.
 Sample suffix of W, X, and Y relate to methanol preservation for high-level samples.

²Empty weight is to include all labels, stickers, bags, and anything else that will be associated with the bottle when it is weighed with the sample.

³Ensure that everything weighed for the empty bottle and no additional items (besides the sample) is weighed.

⁴Sample weight is the vial with sample minus the vial empty

Interval 3

SAMPLE RECORD SHEET

Sample Number	Sample Suffix ¹	Empty Weight ² (g)	Weight with Sample ³ (g)	Weight of Sample ⁴ (g)	Methanol Added (g)	Methanol Added (mL)	Weight of Methanol and Sample
BIRWJ4	K	31.2	38.2	7.0	--	--	--
↓	L	31.0	37.0	6.0	--	--	--
↓	M	30.8	38.5	7.7	--	--	--
↓	N	31.1	38.3	7.2	--	--	--
↓	P	31.3	37.1	5.8	--	--	--
BIRWJ9		30.0	30.0	0	34.2	5.0	34.2
BIRWJ4	W	30.1	37.8	6.8	4.9	6.27 7.0	41.1
↓	X	30.4	37.4	7.0	6.4	7.0	43.0
↓	Y	29.6	37.2	7.6	6.0	7.6	43.2

¹Sample suffix of L, K, M, N and P relate to low-level concentration samples and will not have any preservation beyond freezing between -7C and -20C.
 Sample suffix of W, X, and Y relate to methanol preservation for high-level samples.

²Empty weight is to include all labels, stickers, bags, and anything else that will be associated with the bottle when it is weighed with the sample.

³Ensure that everything weighed for the empty bottle and no additional items (besides the sample) is weighed.

⁴Sample weight is the vial with sample minus the vial empty

Interval 4

SAMPLE RECORD SHEET

Sample Number	Sample Suffix ¹	Empty Weight ² (g)	Weight with Sample ³ (g)	Weight of Sample ⁴ (g)	Methanol Added (g)	Methanol Added (mL)	Weight of Methanol and Sample
BIRWJ5 ↓ ↓	K	30.8	38.0	7.2	---	---	---
	L	31.3	36.4	5.1	---	---	---
	M	31.3	36.9	5.6	---	---	---
	N	31.5	38.9	7.4	---	---	---
	P	31.0	36.0	5.0	---	---	---
BIRWIC0		29.9	29.9	0	4.0	5.0	32.9
BIRWJ5 ↓ ↓	W	30.5	36.5	6.0	5.0	6.0	41.5
	X	30.4	37.0	6.6	5.4	6.6	42.4
	Y	30.2	36.0	5.8	5.0	5.8	41.0

¹Sample suffix of L, K, M, N and P relate to low-level concentration samples and will not have any preservation beyond freezing between -7C and -20C.

Sample suffix of W, X, and Y relate to methanol preservation for high-level samples.

²Empty weight is to include all labels, stickers, bags, and anything else that will be associated with the bottle when it is weighed with the sample.

³Ensure that everything weighed for the empty bottle and no additional items (besides the sample) is weighed.

⁴Sample weight is the vial with sample minus the vial empty

Interval 5

SAMPLE RECORD SHEET

Sample Number	Sample Suffix ¹	Empty Weight ² (g)	Weight with Sample ³ (g)	Weight of Sample ⁴ (g)	Methanol Added (g)	Methanol Added (mL)	Weight of Methanol and Sample
B1RWJ6	K	30.9	37.7	6.8	---	---	---
↓	L	31.1	37.2	6.1	---	---	---
	M	31.0	36.4	5.4	---	---	---
	N	31.2	37.2	6.0	---	---	---
	P	31.5	37.5	6.0	---	---	---
B1RWK1		30.0	30.0	0	4.1	5.0	34.1
B1RWJ6	W	30.2	35.2	5.0	4.0	5.0	39.2
	X	30.3	36.7	6.4	5.1	6.4	41.8
	Y	29.9	36.1	6.2	4.9	6.2	41.0

¹ Sample suffix of L, K, M, N and P relate to low-level concentration samples and will not have any preservation beyond freezing between -7C and -20C.

Sample suffix of W, X, and Y relate to methanol preservation for high-level samples.

² Empty weight is to include all labels, stickers, bags, and anything else that will be associated with the bottle when it is weighed with the sample.

³ Ensure that everything weighed for the empty bottle and no additional items (besides the sample) is weighed.

⁴ Sample weight is the vial with sample minus the vial empty