RECEIVED APRIL 19, 2011 REVISION 1

Mission Support Alliance
P.O. Box 650
Richland, Washington 99352

0097541

42100-SLF-10-198

May 27, 2010

Mr. M. A. Neely, Manager
Analytical Services
CH2M HILL Plateau Remediation Company
PO Box 1600 MSIN R3-60
Richland, WA 99352

Dear Mike,

FINAL RESULTS FOR SAMPLE DELIVERY GROUP WSCF20100758 – SAF NUMBER F10-202

References: (1) Statement of Work (SOW), Modification No. 2 to Agreement 36587, Release 3, 'FH WSCF ANALYTICAL SERVICES FOR GROUNDWATER'

(2) HNF-SD-CD-QAPP-017, current version, Waste Sampling & Characterization Facility Quality Assurance Plan

This letter contains the following attachments for sample delivery group WSCF20100758:

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

Very truly yours,

Marlene Stauffer for SLF

S. L. Fitzgerald
WSCF Analytical Lab

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JUL 14 2011

SLF/grf

Attachments 4

cc: w/Attachments

M. Avila	S3-30
H. K. Meznarich	S3-30
J. E. Trechter	S3-30
S. J. Trent	R3-50
File/LB	

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ATTACHMENT 1

COVER SHEET

Consisting of 2 pages
Including cover page

WSCF SAF NUMBER CROSS REFERENCE

Group#: WSCF20100758
Data Deliverable Date: 29-may-2010
Data Deliverable: Cover Sheet

SAF#	Sample ID	WSCF#	Matrix
F10-202	B25KL5	W10GR01168	SOIL
	B25KL6	W10GR01169	SOIL
	B25KL8	W10GR01170	SOIL
	B25KL9	W10GR01171	SOIL
	B25KM0	W10GR01172	SOIL
	B25KM1	W10GR01173	SOIL
	B25KM2	W10GR01174	SOIL
	B25KM3	W10GR01175	SOIL
	B25KM4	W10GR01176	SOIL
	B25KM5	W10GR01177	SOIL
	B25KM6	W10GR01178	SOIL
	B25KM7	W10GR01179	SOIL
	B25KM8	W10GR01180	SOIL

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ATTACHMENT 2

NARRATIVE

Consisting of 5 pages
Including cover page

Attachment 2
Narrative
WSCF20100758

Introduction

Thirteen (13) S&GRP samples were received at the WSCF Laboratory on May 13, 2010. The samples were analyzed for the analytes indicated on the attached copy of the chain of custody (COC) form in accordance with the *Statement of Work (SOW), Modification No. 2 to Agreement 36587, Release 3, "FH WSCF ANALYTICAL SERVICES FOR GROUNDWATER."*

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 not stamped "ICED" by the WSCF Laboratory Sample Custodian during sample receiving. However, based on procedure LO-090-403 form "NOTICE OF IMPROPER SAMPLE SUBMITTAL" was not submitted and was not stamped "NOT ICED". No anomaly was noted during sample receipt.

The following generic data qualifiers (i.e., B, D, U and J) may be applicable to this report, as appropriate

- **B** – Sample results with a concentration greater than the MDL but less than the PQL are B flagged (applies to inorganic and wetchem analyses), as appropriate.
- **D** – Sample results are D flagged if dilution(s) were required, as appropriate.
- **J** – Sample results with a concentration greater than the MDL but less than the PQL are J flagged (applies to organic analyses), as appropriate.
- **U** – Analyzed for but not detected above limiting criteria. Relative Percent Difference (RPD) values associated with an analyte qualified with a "U" are not applicable.

Analytical Methodology for Requested Analyses

Refer to *WSCF Method References Report,* pages 16 through 17, for a complete listing of approved analytical methods.

Inorganic Comments

Anions – Hold 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. See page 44 for QC details. Analytical Note(s):

- Batch QC analyzed on sample# W10GR01178 (B25KM6 on work order 20100758)
- Batch QC analyzed on sample# W10GR01168 (B25KL5 on work order 20100758)

All QC controls are within the established limits.

Hexavalent Chromium – The hold time requirement for this analysis was met. A Duplicate, Matrix Spike, Matrix Spike Duplicate, Blank and Laboratory Control Sample were analyzed with this delivery group. See page 45 for QC details. Analytical Note(s):

- Batch QC analyzed on sample# W10GR01187 (B25KN5 on work order 20100759).
    - All QC controls are within the established limits.
- Batch QC analyzed on sample# W10GR01196 (B25DY0 on work order 20100765).
    - Matrix Spike recovery exceeded established laboratory limits. Affected sample results in this batch were "N" flagged. Low recovery possibly due to matrix effects.
    - All other QC controls are within the established limits.

ICP-AES Metals – The hold time requirements for this analysis were met. A Matrix Spike, Matrix Spike Duplicate, Blank and Laboratory Control Sample were analyzed with this delivery group. See page 46 for QC details. Analytical Note(s):

- Batch QC analyzed on sample# W10GR01168 (B25KL5 on work order 20100758)
    - Estimated Boron results due to Iron interference. Sample results are "E" flagged.

All other QC controls are within the established limits.

ICP-MS Metals – The hold time requirements for this analysis were met. A Matrix Spike, Matrix Spike Duplicate, Blank and Laboratory Control Sample were analyzed with this delivery group. See pages 47 through 50 for QC details. Analytical Note(s):

- Batch QC analyzed on sample# W10GR01168 (B25KL5 on work order 20100758)
    - Manganese – exceeded spiking levels by a factor of 4. Spike recoveries and associated RPDs are not valid.

All other QC controls are within the established limits.

Organic Comments

Sample concentrations are corrected for moisture content and reported on a dry weight basis.

PCB – The hold time requirements for this analysis were met. A Matrix Spike, Matrix Spike Duplicate, Blank and Laboratory Control Sample were analyzed with this delivery group. See pages 81 through 83 for QC details. Analytical Note(s):

- Batch QC analyzed on sample# W10GR01168 (B25KL5 on work order 20100758)

- Matrix spike / matrix spike duplicate Relative Percent Difference(s) (RPD) did not meet the established laboratory limits which are currently entered into the LIMS for Aroclor-1260 and Decachlorobiphenyl; however all spike percent recoveries are within limits. In addition, the laboratory's current established limits allow for +/- 30 % deviation; which would bring both compounds into compliance. No flags assigned.

All other QC controls are within the established limits.

Semi-VOA – The hold time requirements for this analysis were met. A Matrix Spike, Matrix Spike Duplicate, Blank and Laboratory Control Sample were analyzed with this delivery group. See pages 84 through 91 for QC details. Analytical Note(s):

- Batch QC analyzed on sample# W10GR01169 (B25KL6 on work order 20100758)
  - The percent recovery data for Nitrobenzene-d5 (surrogate) associated with Sample B25KM3 (W10GR01175) did not transfer in the upload to the LIMS. Therefore, the hardcopy reports states a 0.000 % recovery. However, the actual results are provided in the table below. No flags issued.

Lab ID: W10GR01176

BATCH QC ASSOCIATED WITH SAMPLE

QC Type	Analyte	CAS#	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD (%)	RPD Limit	RQ	Analysis Date
SURR	Nitrobenzene-d5 (Surr)	4165-60-0	3830.6	93.09	% Recov	63	125				05/18/10

All other QC controls are within the established limits.

TPHD-WA – The hold time requirements for this analysis were met. A Matrix Spike, Matrix Spike Duplicate, Blank and Laboratory Control Sample were analyzed with this delivery group. See pages 78 through 80 for QC details. Analytical Note(s):

- Batch QC analyzed on sample# W10GR01170 (B25KL8 on work order 20100758)
  - Samples W10GR01168 and W10GR01179: Diesel results reported contains concentrations of compounds which co-elute between diesel and motor oil ranges. Samples results are "X" flagged.
- Due to the co-elution of analytes for TPHD-WA (DRO) and kerosene analysis, samples are spiked and evaluated for TPHD only.

All QC controls are within the established limits.

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. See pages 92 through 97 for QC details. Analytical Note(s):

- Batch QC analyzed on sample# W10GR01176 (B25KM4 on work order 20100758)

- Batch QC analyzed on sample# W10GR01199 (B25DY7 on work order 20100765)

All QC controls are within the established limits.

We certify that this data package is in compliance with the SOW, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this data package has been authorized by the Analytical Laboratory Manager (or designee) and the Client Services representative as verified by the following signatures.

Richard A. Westberg (Acting)
WSCF Analytical Laboratory Manager

Marisol Avila
WSCF Client Services

6/3/2010

Problem and Discrepancy Report

WSCF

SDG WSCF20100758

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1. The data package has the following issues:

a) Case narrative – Organic, Semi-VOA, sub-bullet comment, nitrobenzene-d5 (surrogate), page 7 of 140 - Case narrative comment is not clear or incomplete. Review of page 88 of 140 (QC Report) showed "0.000 % recovery" with a range of 63% to 125% for the nitrobenzene-5d surrogate. Please explain and/or re-write case narrative comment.

Resolution: *Provide correction.*

Lab Response: **The case narrative has been updated to provide an explanation for the issue with the % recovery.**

Please correct the issues and resubmit the hard copy data package.

Provide a resolution to each issue noted on the report

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ATTACHMENT 3

ANALYTICAL RESULTS

Consisting of 90 pages
Including cover page

WSCF
ANALYTICAL RESULTS REPORT

for

Groundwater Remediation Program

Richland, WA 99354

Attention: Steve Trent

Analytical: Markus Stauffer 5/27/10

Client Services: MarisolAvila 05/27/10

All results are reported on an "as received" basis unless otherwise noted in the comment section.

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Contract#: MOA-FH-CHPRC-2008
Report#: WSCF20100758
Report Date: 24-may-2010
Report WGPP/ver. 5.2
Groundwater Remediation Program

REVISION 1

w13qlog v4.2 24-may-2010 07:22:44

Department: Inorganic

W13q Worklist/Batch/QC Report for Group# WSCF20100758

WL#	S#	Batch	QC#	Tray Type	Sample#	Test
				SAMPLE	W10GR01168	Percent Solids
				SAMPLE	W10GR01169	Percent Solids
				SAMPLE	W10GR01170	Percent Solids
				SAMPLE	W10GR01171	Percent Solids
				SAMPLE	W10GR01172	Percent Solids
				SAMPLE	W10GR01173	Percent Solids
				SAMPLE	W10GR01174	Percent Solids
				SAMPLE	W10GR01175	Percent Solids
				SAMPLE	W10GR01176	Percent Solids
				SAMPLE	W10GR01177	Percent Solids
				SAMPLE	W10GR01178	Percent Solids
				SAMPLE	W10GR01179	Percent Solids
				SAMPLE	W10GR01180	Percent Solids
41080	2	41554	46168	BLNK-PREP		Hexavalent chromium
41080	3	41554	46168	LCS		Hexavalent chromium
41080	9	41554	46168	SAMPLE	W10GR01169	Hexavalent chromium
41080	10	41554	46168	SAMPLE	W10GR01170	Hexavalent chromium
41080	11	41554	46168	SAMPLE	W10GR01171	Hexavalent chromium
41080	12	41554	46168	SAMPLE	W10GR01172	Hexavalent chromium
41080	13	41554	46168	SAMPLE	W10GR01173	Hexavalent chromium
41080	14	41554	46168	SAMPLE	W10GR01174	Hexavalent chromium
41080	15	41554	46168	SAMPLE	W10GR01175	Hexavalent chromium
41080	16	41554	46168	SAMPLE	W10GR01176	Hexavalent chromium
41080	17	41554	46168	SAMPLE	W10GR01177	Hexavalent chromium
41080	18	41554	46168	SAMPLE	W10GR01178	Hexavalent chromium
41080	19	41554	46168	SAMPLE	W10GR01179	Hexavalent chromium
41080	21	41554	46168	SAMPLE	W10GR01180	Hexavalent chromium
41080	5	41554	46168	DUP	W10GR01187	Hexavalent chromium
41080	6	41554	46168	MS	W10GR01187	Hexavalent chromium
41080	7	41554	46168	SPK-POST	W10GR01187	Hexavalent chromium
41079	2	41553	46171	BLANK		Anions by Ion Chromatography
41079	17	41553	46171	BLANK		Anions by Ion Chromatography
41079	3	41553	46171	LCS		Anions by Ion Chromatography
41079	5	41553	46171	DUP	W10GR01168	Anions by Ion Chromatography
41079	6	41553	46171	MS	W10GR01168	Anions by Ion Chromatography
41079	7	41553	46171	MSD	W10GR01168	Anions by Ion Chromatography
41079	4	41553	46171	SAMPLE	W10GR01168	Anions by Ion Chromatography
41079	7	41553	46171	SPK-RPD	W10GR01168	Anions by Ion Chromatography
41079	8	41553	46171	SAMPLE	W10GR01169	Anions by Ion Chromatography
41079	9	41553	46171	SAMPLE	W10GR01170	Anions by Ion Chromatography
41079	10	41553	46171	SAMPLE	W10GR01171	Anions by Ion Chromatography
41079	11	41553	46171	SAMPLE	W10GR01172	Anions by Ion Chromatography
41079	12	41553	46171	SAMPLE	W10GR01173	Anions by Ion Chromatography
41079	13	41553	46171	SAMPLE	W10GR01174	Anions by Ion Chromatography
41079	14	41553	46171	SAMPLE	W10GR01175	Anions by Ion Chromatography
41079	15	41553	46171	SAMPLE	W10GR01176	Anions by Ion Chromatography
41079	16	41553	46171	SAMPLE	W10GR01177	Anions by Ion Chromatography
41088	10	41563	46172	BLANK		ICP-200.8 MS All possible meta
41088	11	41563	46172	LCS		ICP-200.8 MS All possible meta

41088	13	41563	46172	MS	W10GR01168	ICP-200.8 MS All possible meta
41088	14	41563	46172	MSD	W10GR01168	ICP-200.8 MS All possible meta
41088	12	41563	46172	SAMPLE	W10GR01168	ICP-200.8 MS All possible meta
41088	14	41563	46172	SPK-RPD	W10GR01168	ICP-200.8 MS All possible meta
41088	15	41563	46172	SAMPLE	W10GR01169	ICP-200.8 MS All possible meta
41088	16	41563	46172	SAMPLE	W10GR01170	ICP-200.8 MS All possible meta
41088	17	41563	46172	SAMPLE	W10GR01171	ICP-200.8 MS All possible meta
41088	18	41563	46172	SAMPLE	W10GR01172	ICP-200.8 MS All possible meta
41088	19	41563	46172	SAMPLE	W10GR01173	ICP-200.8 MS All possible meta
41088	20	41563	46172	SAMPLE	W10GR01174	ICP-200.8 MS All possible meta
41088	21	41563	46172	SAMPLE	W10GR01175	ICP-200.8 MS All possible meta
41088	22	41563	46172	SAMPLE	W10GR01176	ICP-200.8 MS All possible meta
41088	23	41563	46172	SAMPLE	W10GR01177	ICP-200.8 MS All possible meta
41088	24	41563	46172	SAMPLE	W10GR01178	ICP-200.8 MS All possible meta
41088	25	41563	46172	SAMPLE	W10GR01179	ICP-200.8 MS All possible meta
41088	26	41563	46172	SAMPLE	W10GR01180	ICP-200.8 MS All possible meta
41076	1	41550	46175	BLANK		ICP Metals Analysis, Grd H20 P
41076	2	41550	46175	LCS		ICP Metals Analysis, Grd H20 P
41076	4	41550	46175	MS	W10GR01168	ICP Metals Analysis, Grd H20 P
41076	5	41550	46175	MSD	W10GR01168	ICP Metals Analysis, Grd H20 P
41076	3	41550	46175	SAMPLE	W10GR01168	ICP Metals Analysis, Grd H20 P
41076	5	41550	46175	SPK-RPD	W10GR01168	ICP Metals Analysis, Grd H20 P
41076	6	41550	46175	SAMPLE	W10GR01169	ICP Metals Analysis, Grd H20 P
41076	7	41550	46175	SAMPLE	W10GR01170	ICP Metals Analysis, Grd H20 P
41076	8	41550	46175	SAMPLE	W10GR01171	ICP Metals Analysis, Grd H20 P
41076	9	41550	46175	SAMPLE	W10GR01172	ICP Metals Analysis, Grd H20 P
41076	10	41550	46175	SAMPLE	W10GR01173	ICP Metals Analysis, Grd H20 P
41076	11	41550	46175	SAMPLE	W10GR01174	ICP Metals Analysis, Grd H20 P
41076	12	41550	46175	SAMPLE	W10GR01175	ICP Metals Analysis, Grd H20 P
41076	13	41550	46175	SAMPLE	W10GR01176	ICP Metals Analysis, Grd H20 P
41076	14	41550	46175	SAMPLE	W10GR01177	ICP Metals Analysis, Grd H20 P
41076	15	41550	46175	SAMPLE	W10GR01178	ICP Metals Analysis, Grd H20 P
41076	16	41550	46175	SAMPLE	W10GR01179	ICP Metals Analysis, Grd H20 P
41076	17	41550	46175	SAMPLE	W10GR01180	ICP Metals Analysis, Grd H20 P
41093	2	41569	46185	BLANK		Anions by Ion Chromatography
41093	17	41569	46185	BLANK		Anions by Ion Chromatography
41093	3	41569	46185	LCS		Anions by Ion Chromatography
41093	5	41569	46185	DUP	W10GR01178	Anions by Ion Chromatography
41093	6	41569	46185	MS	W10GR01178	Anions by Ion Chromatography
41093	7	41569	46185	MSD	W10GR01178	Anions by Ion Chromatography
41093	4	41569	46185	SAMPLE	W10GR01178	Anions by Ion Chromatography
41093	7	41569	46185	SPK-RPD	W10GR01178	Anions by Ion Chromatography
41093	8	41569	46185	SAMPLE	W10GR01179	Anions by Ion Chromatography
41093	9	41569	46185	SAMPLE	W10GR01180	Anions by Ion Chromatography
41108	2	41585	46203	BLNK-PREP		Hexavalent chromium
41108	3	41585	46203	LCS		Hexavalent chromium
41108	27	41585	46203	SAMPLE	W10GR01168	Hexavalent chromium
41108	5	41585	46203	DUP	W10GR01196	Hexavalent chromium
41108	6	41585	46203	MS	W10GR01196	Hexavalent chromium
41108	7	41585	46203	MSD	W10GR01196	Hexavalent chromium
41108	9	41585	46203	SPK-POST	W10GR01196	Hexavalent chromium
41108	7	41585	46203	SPK-RPD	W10GR01196	Hexavalent chromium

w13qlog v4.2 24-may-2010 07:22:44

Department: Organic

W13q Worklist/Batch/QC Report for Group# WSCF20100758

WL#	S#	Batch	QC#	Tray Type	Sample#	Test
			46181	BLANK		VOA Ground Water Protection
			46181	LCS		VOA Ground Water Protection
			46181	MS	W10GR01099	VOA Ground Water Protection
			46181	MSD	W10GR01099	VOA Ground Water Protection
			46181	SPK-RPD	W10GR01099	VOA Ground Water Protection
			46181	SAMPLE	W10GR01168	VOA Ground Water Protection
			46181	SURR	W10GR01168	VOA Ground Water Protection
			46181	SAMPLE	W10GR01169	VOA Ground Water Protection
			46181	SURR	W10GR01169	VOA Ground Water Protection
			46181	SAMPLE	W10GR01170	VOA Ground Water Protection
			46181	SURR	W10GR01170	VOA Ground Water Protection
			46181	SAMPLE	W10GR01171	VOA Ground Water Protection
			46181	SURR	W10GR01171	VOA Ground Water Protection
			46181	SAMPLE	W10GR01172	VOA Ground Water Protection
			46181	SURR	W10GR01172	VOA Ground Water Protection
			46181	SAMPLE	W10GR01173	VOA Ground Water Protection
			46181	SURR	W10GR01173	VOA Ground Water Protection
			46181	SAMPLE	W10GR01174	VOA Ground Water Protection
			46181	SURR	W10GR01174	VOA Ground Water Protection
			46181	SAMPLE	W10GR01175	VOA Ground Water Protection
			46181	SURR	W10GR01175	VOA Ground Water Protection
			46183	BLANK		VOA Ground Water Protection
			46183	LCS		VOA Ground Water Protection
			46183	MS	W10GR01176	VOA Ground Water Protection
			46183	MSD	W10GR01176	VOA Ground Water Protection
			46183	SAMPLE	W10GR01176	VOA Ground Water Protection
			46183	SPK-RPD	W10GR01176	VOA Ground Water Protection
			46183	SURR	W10GR01176	VOA Ground Water Protection
			46183	SAMPLE	W10GR01177	VOA Ground Water Protection
			46183	SURR	W10GR01177	VOA Ground Water Protection
			46183	SAMPLE	W10GR01178	VOA Ground Water Protection
			46183	SURR	W10GR01178	VOA Ground Water Protection
			46183	SAMPLE	W10GR01179	VOA Ground Water Protection
			46183	SURR	W10GR01179	VOA Ground Water Protection
			46183	SAMPLE	W10GR01180	VOA Ground Water Protection
			46183	SURR	W10GR01180	VOA Ground Water Protection
			46189	BLANK		SW-846 8270C Semi-Vols
			46189	LCS		SW-846 8270C Semi-Vols
			46189	SAMPLE	W10GR01168	SW-846 8270C Semi-Vols
			46189	SURR	W10GR01168	SW-846 8270C Semi-Vols
			46189	MS	W10GR01169	SW-846 8270C Semi-Vols
			46189	MSD	W10GR01169	SW-846 8270C Semi-Vols
			46189	SAMPLE	W10GR01169	SW-846 8270C Semi-Vols
			46189	SPK-RPD	W10GR01169	SW-846 8270C Semi-Vols
			46189	SURR	W10GR01169	SW-846 8270C Semi-Vols
			46189	SAMPLE	W10GR01170	SW-846 8270C Semi-Vols
			46189	SURR	W10GR01170	SW-846 8270C Semi-Vols
			46189	SAMPLE	W10GR01171	SW-846 8270C Semi-Vols
			46189	SURR	W10GR01171	SW-846 8270C Semi-Vols
			46189	SAMPLE	W10GR01172	SW-846 8270C Semi-Vols

46189	SURR	W10GR01172	SW-846 8270C Semi-Vols
46189	SAMPLE	W10GR01173	SW-846 8270C Semi-Vols
46189	SURR	W10GR01173	SW-846 8270C Semi-Vols
46189	SAMPLE	W10GR01174	SW-846 8270C Semi-Vols
46189	SURR	W10GR01174	SW-846 8270C Semi-Vols
46189	SAMPLE	W10GR01175	SW-846 8270C Semi-Vols
46189	SURR	W10GR01175	SW-846 8270C Semi-Vols
46189	SAMPLE	W10GR01176	SW-846 8270C Semi-Vols
46189	SURR	W10GR01176	SW-846 8270C Semi-Vols
46189	SAMPLE	W10GR01177	SW-846 8270C Semi-Vols
46189	SURR	W10GR01177	SW-846 8270C Semi-Vols
46189	SAMPLE	W10GR01178	SW-846 8270C Semi-Vols
46189	SURR	W10GR01178	SW-846 8270C Semi-Vols
46189	SAMPLE	W10GR01179	SW-846 8270C Semi-Vols
46189	SURR	W10GR01179	SW-846 8270C Semi-Vols
46189	SAMPLE	W10GR01180	SW-846 8270C Semi-Vols
46189	SURR	W10GR01180	SW-846 8270C Semi-Vols
46190	BLANK		NWTPH-D TPH Diesel Range (Wa)
46190	LCS		NWTPH-D TPH Diesel Range (Wa)
46190	SAMPLE	W10GR01168	NWTPH-D TPH Diesel Range (Wa)
46190	SURR	W10GR01168	NWTPH-D TPH Diesel Range (Wa)
46190	SAMPLE	W10GR01169	NWTPH-D TPH Diesel Range (Wa)
46190	SURR	W10GR01169	NWTPH-D TPH Diesel Range (Wa)
46190	MS	W10GR01170	NWTPH-D TPH Diesel Range (Wa)
46190	MSD	W10GR01170	NWTPH-D TPH Diesel Range (Wa)
46190	SAMPLE	W10GR01170	NWTPH-D TPH Diesel Range (Wa)
46190	SPK-RPD	W10GR01170	NWTPH-D TPH Diesel Range (Wa)
46190	SURR	W10GR01170	NWTPH-D TPH Diesel Range (Wa)
46190	SAMPLE	W10GR01171	NWTPH-D TPH Diesel Range (Wa)
46190	SURR	W10GR01171	NWTPH-D TPH Diesel Range (Wa)
46190	SAMPLE	W10GR01172	NWTPH-D TPH Diesel Range (Wa)
46190	SURR	W10GR01172	NWTPH-D TPH Diesel Range (Wa)
46190	SAMPLE	W10GR01173	NWTPH-D TPH Diesel Range (Wa)
46190	SURR	W10GR01173	NWTPH-D TPH Diesel Range (Wa)
46190	SAMPLE	W10GR01174	NWTPH-D TPH Diesel Range (Wa)
46190	SURR	W10GR01174	NWTPH-D TPH Diesel Range (Wa)
46190	SAMPLE	W10GR01175	NWTPH-D TPH Diesel Range (Wa)
46190	SURR	W10GR01175	NWTPH-D TPH Diesel Range (Wa)
46190	SAMPLE	W10GR01176	NWTPH-D TPH Diesel Range (Wa)
46190	SURR	W10GR01176	NWTPH-D TPH Diesel Range (Wa)
46190	SAMPLE	W10GR01177	NWTPH-D TPH Diesel Range (Wa)
46190	SURR	W10GR01177	NWTPH-D TPH Diesel Range (Wa)
46190	SAMPLE	W10GR01178	NWTPH-D TPH Diesel Range (Wa)
46190	SURR	W10GR01178	NWTPH-D TPH Diesel Range (Wa)
46190	SAMPLE	W10GR01179	NWTPH-D TPH Diesel Range (Wa)
46190	SURR	W10GR01179	NWTPH-D TPH Diesel Range (Wa)
46190	SAMPLE	W10GR01180	NWTPH-D TPH Diesel Range (Wa)
46190	SURR	W10GR01180	NWTPH-D TPH Diesel Range (Wa)
46194	BLANK		PCBs complete list
46194	LCS		PCBs complete list
46194	MS	W10GR01168	PCBs complete list
46194	MSD	W10GR01168	PCBs complete list
46194	SAMPLE	W10GR01168	PCBs complete list
46194	SPK-RPD	W10GR01168	PCBs complete list
46194	SURR	W10GR01168	PCBs complete list
46194	SAMPLE	W10GR01169	PCBs complete list
46194	SURR	W10GR01169	PCBs complete list
46194	SAMPLE	W10GR01170	PCBs complete list

46194	SURR	W10GR01170	PCBs complete list
46194	SAMPLE	W10GR01171	PCBs complete list
46194	SURR	W10GR01171	PCBs complete list
46194	SAMPLE	W10GR01172	PCBs complete list
46194	SURR	W10GR01172	PCBs complete list
46194	SAMPLE	W10GR01173	PCBs complete list
46194	SURR	W10GR01173	PCBs complete list
46194	SAMPLE	W10GR01174	PCBs complete list
46194	SURR	W10GR01174	PCBs complete list
46194	SAMPLE	W10GR01175	PCBs complete list
46194	SURR	W10GR01175	PCBs complete list
46194	SAMPLE	W10GR01176	PCBs complete list
46194	SURR	W10GR01176	PCBs complete list
46194	SAMPLE	W10GR01177	PCBs complete list
46194	SURR	W10GR01177	PCBs complete list
46194	SAMPLE	W10GR01178	PCBs complete list
46194	SURR	W10GR01178	PCBs complete list
46194	SAMPLE	W10GR01179	PCBs complete list
46194	SURR	W10GR01179	PCBs complete list
46194	SAMPLE	W10GR01180	PCBs complete list
46194	SURR	W10GR01180	PCBs complete list

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-265-403 LA-265-403: Hexavalent Chromium analysis by Spectrophotometer
None No reference to any industry method.

LA-505-411 LA-505-411: ELEMENTAL ANALYSIS BY INDUCTIVELY COUPLED PLASMA ATOMIC EMISSION SPE
None No reference to any industry method.

LA-505-412 LA-505-412: DETERMINATION OF TRACE ELEMENTS IN WATERS AND WASTES BY INDUCTIVELY
None No reference to any industry method.

LA-519-412 LA-519-412: TOTAL RESIDUE/% SOLIDS DRIED AT 103 - 105 C
None No reference to any industry method.

LA-533-410 LA-533-410: ANION ANALYSIS BY ION CHROMATOGRAPHY
None No reference to any industry method.

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

WSCF
METHOD REFERENCES REPORT

Department: Organic

The results provided in this report were generated using the following WSCF Laboratory procedures. For your convenience, this table provides a listing of the regulatory or industry methods that are referenced by each of these WSCF procedures. Please note that the most recent version of the regulatory or industry method is listed here even though the WSCF procedure may reference an older version of the method. Also, a reference to a regulatory or industry method here does not necessarily indicate a verbatim implementation of that method.

LA-523-427	LA-523-427: POLYCHLORINATED BIPHENYLS (PCBs) BY GAS CHROMATOGRAPHY	
	EPA SW-846 8082A	POLYCHLORINATED BIPHENYLS (PCBs) BY GAS CHROMATOGRAPHY
LA-523-455	LA-523-455: VOLATILE SAMPLE ANALYSIS BY SW-846	
	None	No reference to any industry method.
LA-523-456	LA-523-456: SEMIVOLATILE SAMPLE ANALYSIS BY SW-846, METHOD 8270C	
	None	No reference to any industry method.
LA-523-493	NWTPH-Diesel and/or Gasoline	
	None	No reference to any industry method.

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01168
Client ID: B25KL5 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**05/14/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	BD	3.01	mg/kg			50.00	1.6		05/14/10
Hexavalent Chromium Prep											**05/20/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	NU	< 0.100	mg/kg			1.00	0.10		05/20/10
ICP Metals Analysis, Grd H20 P Prep											**05/16/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		8.88	mg/kg			1.00e+002	0.40		05/17/10
Boron	7440-42-8	LA-505-411	E	32.5	mg/kg			1.00e+002	1.9		05/17/10
ICP-200.8 MS All possible meta Prep											**05/16/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412	X	406	mg/kg			0.99	0.0986		05/17/10
Nickel	7440-02-0	LA-505-412		9.31	mg/kg			0.99	0.197		05/17/10
Silver	7440-22-4	LA-505-412	U	< 0.0986	mg/kg			0.99	0.0986		05/17/10
Antimony	7440-36-0	LA-505-412	U	< 0.296	mg/kg			0.99	0.296		05/17/10
Barium	7440-39-3	LA-505-412		148	mg/kg			0.99	0.197		05/17/10
Beryllium	7440-41-7	LA-505-412		0.400	mg/kg			0.99	0.0493		05/17/10
Cadmium	7440-43-9	LA-505-412		0.140	mg/kg			0.99	0.0986		05/17/10
Chromium	7440-47-3	LA-505-412		7.73	mg/kg			0.99	0.493		05/17/10
Cobalt	7440-48-4	LA-505-412		7.24	mg/kg			0.99	0.0493		05/17/10
Copper	7440-50-8	LA-505-412		16.4	mg/kg			0.99	0.0986		05/17/10
Vanadium	7440-62-2	LA-505-412		41.0	mg/kg			0.99	0.197		05/17/10
Zinc	7440-66-6	LA-505-412		42.2	mg/kg			0.99	0.789		05/17/10
Lead	7439-92-1	LA-505-412		14.1	mg/kg			0.99	0.0986		05/17/10

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)
E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
U - Analyzed for but not detected above limiting criteria.(org)
X - Other flags/notes described in the comments/narrative.(org)

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01168
Client ID: B25KL5 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Mercury	7439-97-6	LA-505-412	U	< 0.0493	mg/kg			0.99	0.0493		05/17/10
Uranium	7440-61-1	LA-505-412		0.590	mg/kg			0.99	0.0493		05/17/10
Arsenic	7440-38-2	LA-505-412		4.85	mg/kg			0.99	0.394		05/17/10
Selenium	7782-49-2	LA-505-412		1.05	mg/kg			0.99	0.296		05/17/10
Thallium	7440-28-0	LA-505-412		0.110	mg/kg			0.99	0.0986		05/17/10
Strontium	7440-24-6	LA-505-412		67.1	mg/kg			0.99	0.0986		05/17/10
Tin	7440-31-5	LA-505-412		0.640	mg/kg			0.99	0.0493		05/17/10
Total solids											
Total solids	TS	LA-519-412		92.0	Percent			1.00	0.0		05/16/10

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)
E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
U - Analyzed for but not detected above limiting criteria.(org)
X - Other flags/notes described in the comments/narrative.(org)

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01169
Client ID: B25KL6 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**05/14/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	DU	< 1.55	mg/kg			50.00	1.6		05/14/10
Hexavalent Chromium Prep											**05/14/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	U	< 0.100	mg/kg			1.00	0.10		05/14/10
ICP Metals Analysis, Grd H20 P Prep											**05/16/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		6.96	mg/kg			1.01e+002	0.40		05/17/10
Boron	7440-42-8	LA-505-411	E	27.8	mg/kg			1.01e+002	1.9		05/17/10
ICP-200.8 MS All possible meta Prep											**05/16/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412	X	323	mg/kg			0.98	0.0981		05/17/10
Nickel	7440-02-0	LA-505-412		10.1	mg/kg			0.98	0.196		05/17/10
Silver	7440-22-4	LA-505-412	U	< 0.0981	mg/kg			0.98	0.0981		05/17/10
Antimony	7440-36-0	LA-505-412	U	< 0.294	mg/kg			0.98	0.294		05/17/10
Barium	7440-39-3	LA-505-412		89.0	mg/kg			0.98	0.196		05/17/10
Beryllium	7440-41-7	LA-505-412		0.250	mg/kg			0.98	0.0490		05/17/10
Cadmium	7440-43-9	LA-505-412	U	< 0.0981	mg/kg			0.98	0.0981		05/17/10
Chromium	7440-47-3	LA-505-412		10.0	mg/kg			0.98	0.490		05/17/10
Cobalt	7440-48-4	LA-505-412		7.17	mg/kg			0.98	0.0490		05/17/10
Copper	7440-50-8	LA-505-412		13.7	mg/kg			0.98	0.0981		05/17/10
Vanadium	7440-62-2	LA-505-412		47.5	mg/kg			0.98	0.196		05/17/10
Zinc	7440-66-6	LA-505-412		41.8	mg/kg			0.98	0.785		05/17/10
Lead	7439-92-1	LA-505-412		6.88	mg/kg			0.98	0.0981		05/17/10

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)
E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
U - Analyzed for but not detected above limiting criteria.(org)
X - Other flags/notes described in the comments/narrative.(org)

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01169
Client ID: B25KL6 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Mercury	7439-97-6	LA-505-412	U	< 0.0490	mg/kg			0.98	0.0490		05/17/10
Uranium	7440-61-1	LA-505-412		0.440	mg/kg			0.98	0.0490		05/17/10
Arsenic	7440-38-2	LA-505-412		3.34	mg/kg			0.98	0.392		05/17/10
Selenium	7782-49-2	LA-505-412		1.05	mg/kg			0.98	0.294		05/17/10
Thallium	7440-28-0	LA-505-412	U	< 0.0981	mg/kg			0.98	0.0981		05/17/10
Strontium	7440-24-6	LA-505-412		29.0	mg/kg			0.98	0.0981		05/17/10
Tin	7440-31-5	LA-505-412		0.440	mg/kg			0.98	0.0490		05/17/10
Total solids											
Total solids	TS	LA-519-412		99.3	Percent			1.00	0.0		05/16/10

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)
E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
U - Analyzed for but not detected above limiting criteria.(org)
X - Other flags/notes described in the comments/narrative.(org)

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01170
Client ID: B25KL8 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**05/14/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	DU	< 1.55	mg/kg			50.00	1.6		05/14/10
Hexavalent Chromium Prep											**05/14/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	U	< 0.100	mg/kg			1.00	0.10		05/14/10
ICP Metals Analysis, Grd H20 P Prep											**05/16/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		9.36	mg/kg			98.35	0.39		05/17/10
Boron	7440-42-8	LA-505-411	E	27.8	mg/kg			98.35	1.9		05/17/10
ICP-200.8 MS All possible meta Prep											**05/16/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412	X	363	mg/kg			1.00	0.100		05/17/10
Nickel	7440-02-0	LA-505-412		12.0	mg/kg			1.00	0.201		05/17/10
Silver	7440-22-4	LA-505-412	U	< 0.100	mg/kg			1.00	0.100		05/17/10
Antimony	7440-36-0	LA-505-412	U	< 0.301	mg/kg			1.00	0.301		05/17/10
Barium	7440-39-3	LA-505-412		102	mg/kg			1.00	0.201		05/17/10
Beryllium	7440-41-7	LA-505-412		0.400	mg/kg			1.00	0.0502		05/17/10
Cadmium	7440-43-9	LA-505-412	U	< 0.100	mg/kg			1.00	0.100		05/17/10
Chromium	7440-47-3	LA-505-412		11.8	mg/kg			1.00	0.501		05/17/10
Cobalt	7440-48-4	LA-505-412		8.74	mg/kg			1.00	0.0502		05/17/10
Copper	7440-50-8	LA-505-412		15.9	mg/kg			1.00	0.100		05/17/10
Vanadium	7440-62-2	LA-505-412		51.5	mg/kg			1.00	0.201		05/17/10
Zinc	7440-66-6	LA-505-412		44.2	mg/kg			1.00	0.802		05/17/10
Lead	7439-92-1	LA-505-412		7.98	mg/kg			1.00	0.100		05/17/10

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)
E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
U - Analyzed for but not detected above limiting criteria.(org)
X - Other flags/notes described in the comments/narrative.(org)

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01170
Client ID: B25KL8 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Mercury	7439-97-6	LA-505-412	U	< 0.0502	mg/kg			1.00	0.0502		05/17/10
Uranium	7440-61-1	LA-505-412		0.690	mg/kg			1.00	0.0502		05/17/10
Arsenic	7440-38-2	LA-505-412		5.61	mg/kg			1.00	0.401		05/17/10
Selenium	7782-49-2	LA-505-412		0.790	mg/kg			1.00	0.301		05/17/10
Thallium	7440-28-0	LA-505-412	U	< 0.100	mg/kg			1.00	0.100		05/17/10
Strontium	7440-24-6	LA-505-412		59.5	mg/kg			1.00	0.100		05/17/10
Tin	7440-31-5	LA-505-412		0.430	mg/kg			1.00	0.0502		05/17/10
Total solids											
Total solids	TS	LA-519-412		98.7	Percent			1.00	0.0		05/16/10

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)
E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
U - Analyzed for but not detected above limiting criteria.(org)
X - Other flags/notes described in the comments/narrative.(org)

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01171
Client ID: B25KL9 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**05/14/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	DU	< 1.55	mg/kg			50.00	1.6		05/14/10
Hexavalent Chromium Prep											**05/14/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	U	< 0.100	mg/kg			1.00	0.10		05/14/10
ICP Metals Analysis, Grd H20 P Prep											**05/16/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		7.33	mg/kg			98.50	0.39		05/17/10
Boron	7440-42-8	LA-505-411	E	28.2	mg/kg			98.50	1.9		05/17/10
ICP-200.8 MS All possible meta Prep											**05/16/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412	X	361	mg/kg			1.01	0.101		05/17/10
Nickel	7440-02-0	LA-505-412		10.4	mg/kg			1.01	0.202		05/17/10
Silver	7440-22-4	LA-505-412	U	< 0.101	mg/kg			1.01	0.101		05/17/10
Antimony	7440-36-0	LA-505-412	U	< 0.303	mg/kg			1.01	0.303		05/17/10
Barium	7440-39-3	LA-505-412		90.7	mg/kg			1.01	0.202		05/17/10
Beryllium	7440-41-7	LA-505-412		0.270	mg/kg			1.01	0.0505		05/17/10
Cadmium	7440-43-9	LA-505-412	U	< 0.101	mg/kg			1.01	0.101		05/17/10
Chromium	7440-47-3	LA-505-412		9.34	mg/kg			1.01	0.505		05/17/10
Cobalt	7440-48-4	LA-505-412		8.32	mg/kg			1.01	0.0505		05/17/10
Copper	7440-50-8	LA-505-412		13.5	mg/kg			1.01	0.101		05/17/10
Vanadium	7440-62-2	LA-505-412		55.0	mg/kg			1.01	0.202		05/17/10
Zinc	7440-66-6	LA-505-412		42.3	mg/kg			1.01	0.808		05/17/10
Lead	7439-92-1	LA-505-412		5.51	mg/kg			1.01	0.101		05/17/10

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)
E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
U - Analyzed for but not detected above limiting criteria.(org)
X - Other flags/notes described in the comments/narrative.(org)

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01171
Client ID: B25KL9 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Mercury	7439-97-6	LA-505-412	U	< 0.0505	mg/kg			1.01	0.0505		05/17/10
Uranium	7440-61-1	LA-505-412		0.380	mg/kg			1.01	0.0505		05/17/10
Arsenic	7440-38-2	LA-505-412		3.67	mg/kg			1.01	0.404		05/17/10
Selenium	7782-49-2	LA-505-412		0.720	mg/kg			1.01	0.303		05/17/10
Thallium	7440-28-0	LA-505-412	U	< 0.101	mg/kg			1.01	0.101		05/17/10
Strontium	7440-24-6	LA-505-412		26.8	mg/kg			1.01	0.101		05/17/10
Tin	7440-31-5	LA-505-412		0.390	mg/kg			1.01	0.0505		05/17/10
Total solids											
Total solids	TS	LA-519-412		98.8	Percent			1.00	0.0		05/16/10

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)
E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
U - Analyzed for but not detected above limiting criteria.(org)
X - Other flags/notes described in the comments/narrative.(org)

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01172
Client ID: B25KM0 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**05/14/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	DU	< 1.55	mg/kg			50.00	1.6		05/14/10
Hexavalent Chromium Prep											**05/14/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	U	< 0.100	mg/kg			1.00	0.10		05/14/10
ICP Metals Analysis, Grd H20 P Prep											**05/16/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		6.66	mg/kg			1.00e+002	0.40		05/17/10
Boron	7440-42-8	LA-505-411	E	30.1	mg/kg			1.00e+002	1.9		05/17/10
ICP-200.8 MS All possible meta Prep											**05/16/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412	X	340	mg/kg			1.01	0.101		05/17/10
Nickel	7440-02-0	LA-505-412		8.70	mg/kg			1.01	0.201		05/17/10
Silver	7440-22-4	LA-505-412	U	< 0.101	mg/kg			1.01	0.101		05/17/10
Antimony	7440-36-0	LA-505-412	U	< 0.302	mg/kg			1.01	0.302		05/17/10
Barium	7440-39-3	LA-505-412		89.7	mg/kg			1.01	0.201		05/17/10
Beryllium	7440-41-7	LA-505-412		0.380	mg/kg			1.01	0.0503		05/17/10
Cadmium	7440-43-9	LA-505-412	U	< 0.101	mg/kg			1.01	0.101		05/17/10
Chromium	7440-47-3	LA-505-412		6.84	mg/kg			1.01	0.503		05/17/10
Cobalt	7440-48-4	LA-505-412		8.93	mg/kg			1.01	0.0503		05/17/10
Copper	7440-50-8	LA-505-412		16.1	mg/kg			1.01	0.101		05/17/10
Vanadium	7440-62-2	LA-505-412		61.1	mg/kg			1.01	0.201		05/17/10
Zinc	7440-66-6	LA-505-412		43.8	mg/kg			1.01	0.805		05/17/10
Lead	7439-92-1	LA-505-412		5.24	mg/kg			1.01	0.101		05/17/10

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)
E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
U - Analyzed for but not detected above limiting criteria.(org)
X - Other flags/notes described in the comments/narrative.(org)

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01172
Client ID: B25KM0 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Mercury	7439-97-6	LA-505-412	U	< 0.0503	mg/kg			1.01	0.0503		05/17/10
Uranium	7440-61-1	LA-505-412		0.450	mg/kg			1.01	0.0503		05/17/10
Arsenic	7440-38-2	LA-505-412		4.25	mg/kg			1.01	0.402		05/17/10
Selenium	7782-49-2	LA-505-412		1.00	mg/kg			1.01	0.302		05/17/10
Thallium	7440-28-0	LA-505-412	U	< 0.101	mg/kg			1.01	0.101		05/17/10
Strontium	7440-24-6	LA-505-412		42.4	mg/kg			1.01	0.101		05/17/10
Tin	7440-31-5	LA-505-412		0.460	mg/kg			1.01	0.0503		05/17/10
Total solids											
Total solids	TS	LA-519-412		98.1	Percent			1.00	0.0		05/16/10

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)
E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
U - Analyzed for but not detected above limiting criteria.(org)
X - Other flags/notes described in the comments/narrative.(org)

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01173
Client ID: B25KM1 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**05/14/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	DU	< 1.55	mg/kg			50.00	1.6		05/14/10
Hexavalent Chromium Prep											**05/14/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	U	< 0.100	mg/kg			1.00	0.10		05/14/10
ICP Metals Analysis, Grd H20 P Prep											**05/16/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		8.14	mg/kg			1.01e+002	0.40		05/17/10
Boron	7440-42-8	LA-505-411	E	26.4	mg/kg			1.01e+002	1.9		05/17/10
ICP-200.8 MS All possible meta Prep											**05/16/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412	X	353	mg/kg			1.01	0.101		05/17/10
Nickel	7440-02-0	LA-505-412		10.5	mg/kg			1.01	0.202		05/17/10
Silver	7440-22-4	LA-505-412	U	< 0.101	mg/kg			1.01	0.101		05/17/10
Antimony	7440-36-0	LA-505-412	U	< 0.304	mg/kg			1.01	0.304		05/17/10
Barium	7440-39-3	LA-505-412		93.8	mg/kg			1.01	0.202		05/17/10
Beryllium	7440-41-7	LA-505-412		0.380	mg/kg			1.01	0.0506		05/17/10
Cadmium	7440-43-9	LA-505-412	U	< 0.101	mg/kg			1.01	0.101		05/17/10
Chromium	7440-47-3	LA-505-412		10.0	mg/kg			1.01	0.506		05/17/10
Cobalt	7440-48-4	LA-505-412		8.16	mg/kg			1.01	0.0506		05/17/10
Copper	7440-50-8	LA-505-412		14.5	mg/kg			1.01	0.101		05/17/10
Vanadium	7440-62-2	LA-505-412		53.4	mg/kg			1.01	0.202		05/17/10
Zinc	7440-66-6	LA-505-412		40.6	mg/kg			1.01	0.810		05/17/10
Lead	7439-92-1	LA-505-412		5.78	mg/kg			1.01	0.101		05/17/10

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

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01173
Client ID: B25KM1 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Mercury	7439-97-6	LA-505-412	U	< 0.0506	mg/kg			1.01	0.0506		05/17/10
Uranium	7440-61-1	LA-505-412		0.370	mg/kg			1.01	0.0506		05/17/10
Arsenic	7440-38-2	LA-505-412		4.02	mg/kg			1.01	0.405		05/17/10
Selenium	7782-49-2	LA-505-412		0.630	mg/kg			1.01	0.304		05/17/10
Thallium	7440-28-0	LA-505-412	U	< 0.101	mg/kg			1.01	0.101		05/17/10
Strontium	7440-24-6	LA-505-412		36.6	mg/kg			1.01	0.101		05/17/10
Tin	7440-31-5	LA-505-412		0.450	mg/kg			1.01	0.0506		05/17/10
Total solids											
Total solids	TS	LA-519-412		98.5	Percent			1.00	0.0		05/16/10

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

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01174
Client ID: B25KM2 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**05/14/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	DU	< 1.55	mg/kg			50.00	1.6		05/14/10
Hexavalent Chromium Prep											**05/14/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	U	< 0.100	mg/kg			1.00	0.10		05/14/10
ICP Metals Analysis, Grd H20 P Prep											**05/16/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		7.90	mg/kg			1.01e+002	0.40		05/17/10
Boron	7440-42-8	LA-505-411	E	25.4	mg/kg			1.01e+002	1.9		05/17/10
ICP-200.8 MS All possible meta Prep											**05/16/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412	X	341	mg/kg			1.01	0.101		05/17/10
Nickel	7440-02-0	LA-505-412		10.2	mg/kg			1.01	0.202		05/17/10
Silver	7440-22-4	LA-505-412	U	< 0.101	mg/kg			1.01	0.101		05/17/10
Antimony	7440-36-0	LA-505-412	U	< 0.303	mg/kg			1.01	0.303		05/17/10
Barium	7440-39-3	LA-505-412		95.2	mg/kg			1.01	0.202		05/17/10
Beryllium	7440-41-7	LA-505-412		0.330	mg/kg			1.01	0.0506		05/17/10
Cadmium	7440-43-9	LA-505-412	U	< 0.101	mg/kg			1.01	0.101		05/17/10
Chromium	7440-47-3	LA-505-412		8.82	mg/kg			1.01	0.505		05/17/10
Cobalt	7440-48-4	LA-505-412		8.06	mg/kg			1.01	0.0506		05/17/10
Copper	7440-50-8	LA-505-412		13.7	mg/kg			1.01	0.101		05/17/10
Vanadium	7440-62-2	LA-505-412		51.6	mg/kg			1.01	0.202		05/17/10
Zinc	7440-66-6	LA-505-412		40.5	mg/kg			1.01	0.809		05/17/10
Lead	7439-92-1	LA-505-412		6.16	mg/kg			1.01	0.101		05/17/10

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

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X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
U - Analyzed for but not detected above limiting criteria.(org)
X - Other flags/notes described in the comments/narrative.(org)

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01174
Client ID: B25KM2 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Mercury	7439-97-6	LA-505-412	U	< 0.0506	mg/kg			1.01	0.0506		05/17/10
Uranium	7440-61-1	LA-505-412		0.450	mg/kg			1.01	0.0506		05/17/10
Arsenic	7440-38-2	LA-505-412		4.20	mg/kg			1.01	0.404		05/17/10
Selenium	7782-49-2	LA-505-412		0.760	mg/kg			1.01	0.303		05/17/10
Thallium	7440-28-0	LA-505-412	U	< 0.101	mg/kg			1.01	0.101		05/17/10
Strontium	7440-24-6	LA-505-412		36.0	mg/kg			1.01	0.101		05/17/10
Tin	7440-31-5	LA-505-412		0.390	mg/kg			1.01	0.0506		05/17/10
Total solids											
Total solids	TS	LA-519-412		97.5	Percent			1.00	0.0		05/16/10

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

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E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01175
Client ID: B25KM3 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**05/14/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	DU	< 1.55	mg/kg			50.00	1.6		05/14/10
Hexavalent Chromium Prep											**05/14/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	U	< 0.100	mg/kg			1.00	0.10		05/14/10
ICP Metals Analysis, Grd H20 P Prep											**05/16/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		7.83	mg/kg			99.01	0.40		05/17/10
Boron	7440-42-8	LA-505-411	E	25.5	mg/kg			99.01	1.9		05/17/10
ICP-200.8 MS All possible meta Prep											**05/16/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412	X	382	mg/kg			0.99	0.0988		05/17/10
Nickel	7440-02-0	LA-505-412		11.0	mg/kg			0.99	0.198		05/17/10
Silver	7440-22-4	LA-505-412	U	< 0.0988	mg/kg			0.99	0.0988		05/17/10
Antimony	7440-36-0	LA-505-412	U	< 0.296	mg/kg			0.99	0.296		05/17/10
Barium	7440-39-3	LA-505-412		105	mg/kg			0.99	0.198		05/17/10
Beryllium	7440-41-7	LA-505-412		0.340	mg/kg			0.99	0.0494		05/17/10
Cadmium	7440-43-9	LA-505-412		0.100	mg/kg			0.99	0.0988		05/17/10
Chromium	7440-47-3	LA-505-412		9.73	mg/kg			0.99	0.494		05/17/10
Cobalt	7440-48-4	LA-505-412		9.31	mg/kg			0.99	0.0494		05/17/10
Copper	7440-50-8	LA-505-412		18.6	mg/kg			0.99	0.0988		05/17/10
Vanadium	7440-62-2	LA-505-412		64.0	mg/kg			0.99	0.198		05/17/10
Zinc	7440-66-6	LA-505-412		46.0	mg/kg			0.99	0.790		05/17/10
Lead	7439-92-1	LA-505-412		6.12	mg/kg			0.99	0.0988		05/17/10

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

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X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
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X - Other flags/notes described in the comments/narrative.(org)

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01175
Client ID: B25KM3 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Mercury	7439-97-6	LA-505-412	U	< 0.0494	mg/kg			0.99	0.0494		05/17/10
Uranium	7440-61-1	LA-505-412		0.450	mg/kg			0.99	0.0494		05/17/10
Arsenic	7440-38-2	LA-505-412		4.94	mg/kg			0.99	0.395		05/17/10
Selenium	7782-49-2	LA-505-412		1.58	mg/kg			0.99	0.296		05/17/10
Thallium	7440-28-0	LA-505-412	U	< 0.0988	mg/kg			0.99	0.0988		05/17/10
Strontium	7440-24-6	LA-505-412		36.8	mg/kg			0.99	0.0988		05/17/10
Tin	7440-31-5	LA-505-412		0.480	mg/kg			0.99	0.0494		05/17/10
Total solids											
Total solids	TS	LA-519-412		97.0	Percent			1.00	0.0		05/16/10

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)
E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
U - Analyzed for but not detected above limiting criteria.(org)
X - Other flags/notes described in the comments/narrative.(org)

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01176
Client ID: B25KM4 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**05/14/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	DU	< 1.55	mg/kg			50.00	1.6		05/15/10
Hexavalent Chromium Prep											**05/14/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	U	< 0.100	mg/kg			1.00	0.10		05/14/10
ICP Metals Analysis, Grd H20 P Prep											**05/16/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		7.23	mg/kg			1.01e+002	0.40		05/17/10
Boron	7440-42-8	LA-505-411	E	26.8	mg/kg			1.01e+002	1.9		05/17/10
ICP-200.8 MS All possible meta Prep											**05/16/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412	X	390	mg/kg			0.99	0.0988		05/17/10
Nickel	7440-02-0	LA-505-412		10.9	mg/kg			0.99	0.198		05/17/10
Silver	7440-22-4	LA-505-412	U	< 0.0988	mg/kg			0.99	0.0988		05/17/10
Antimony	7440-36-0	LA-505-412	U	< 0.296	mg/kg			0.99	0.296		05/17/10
Barium	7440-39-3	LA-505-412		103	mg/kg			0.99	0.198		05/17/10
Beryllium	7440-41-7	LA-505-412		0.340	mg/kg			0.99	0.0494		05/17/10
Cadmium	7440-43-9	LA-505-412	U	< 0.0988	mg/kg			0.99	0.0988		05/17/10
Chromium	7440-47-3	LA-505-412		10.7	mg/kg			0.99	0.494		05/17/10
Cobalt	7440-48-4	LA-505-412		8.84	mg/kg			0.99	0.0494		05/17/10
Copper	7440-50-8	LA-505-412		14.1	mg/kg			0.99	0.0988		05/17/10
Vanadium	7440-62-2	LA-505-412		60.3	mg/kg			0.99	0.198		05/17/10
Zinc	7440-66-6	LA-505-412		45.9	mg/kg			0.99	0.790		05/17/10
Lead	7439-92-1	LA-505-412		8.32	mg/kg			0.99	0.0988		05/17/10

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

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U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
U - Analyzed for but not detected above limiting criteria.(org)
X - Other flags/notes described in the comments/narrative.(org)

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01176
Client ID: B25KM4 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Mercury	7439-97-6	LA-505-412	U	< 0.0494	mg/kg			0.99	0.0494		05/17/10
Uranium	7440-61-1	LA-505-412		0.420	mg/kg			0.99	0.0494		05/17/10
Arsenic	7440-38-2	LA-505-412		4.02	mg/kg			0.99	0.395		05/17/10
Selenium	7782-49-2	LA-505-412		0.770	mg/kg			0.99	0.296		05/17/10
Thallium	7440-28-0	LA-505-412	U	< 0.0988	mg/kg			0.99	0.0988		05/17/10
Strontium	7440-24-6	LA-505-412		36.8	mg/kg			0.99	0.0988		05/17/10
Tin	7440-31-5	LA-505-412		0.440	mg/kg			0.99	0.0494		05/17/10
Total solids											
Total solids	TS	LA-519-412		98.4	Percent			1.00	0.0		05/16/10

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)
E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01177
Client ID: B25KM5 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**05/14/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	DU	< 1.55	mg/kg			50.00	1.6		05/15/10
Hexavalent Chromium Prep											**05/14/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	U	< 0.100	mg/kg			1.00	0.10		05/14/10
ICP Metals Analysis, Grd H20 P Prep											**05/16/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		7.35	mg/kg			98.21	0.39		05/17/10
Boron	7440-42-8	LA-505-411	E	27.5	mg/kg			98.21	1.9		05/17/10
ICP-200.8 MS All possible meta Prep											**05/16/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412	X	369	mg/kg			1.00	0.0999		05/17/10
Nickel	7440-02-0	LA-505-412		10.7	mg/kg			1.00	0.200		05/17/10
Silver	7440-22-4	LA-505-412	U	< 0.0999	mg/kg			1.00	0.0999		05/17/10
Antimony	7440-36-0	LA-505-412	U	< 0.300	mg/kg			1.00	0.300		05/17/10
Barium	7440-39-3	LA-505-412		93.2	mg/kg			1.00	0.200		05/17/10
Beryllium	7440-41-7	LA-505-412		0.350	mg/kg			1.00	0.0500		05/17/10
Cadmium	7440-43-9	LA-505-412	U	< 0.0999	mg/kg			1.00	0.0999		05/17/10
Chromium	7440-47-3	LA-505-412		10.3	mg/kg			1.00	0.500		05/17/10
Cobalt	7440-48-4	LA-505-412		8.58	mg/kg			1.00	0.0500		05/17/10
Copper	7440-50-8	LA-505-412		12.6	mg/kg			1.00	0.0999		05/17/10
Vanadium	7440-62-2	LA-505-412		55.5	mg/kg			1.00	0.200		05/17/10
Zinc	7440-66-6	LA-505-412		44.3	mg/kg			1.00	0.799		05/17/10
Lead	7439-92-1	LA-505-412		5.80	mg/kg			1.00	0.0999		05/17/10

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RQ=Result Qualifier
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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01177
Client ID: B25KM5 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Mercury	7439-97-6	LA-505-412	U	< 0.0500	mg/kg			1.00	0.0500		05/17/10
Uranium	7440-61-1	LA-505-412		0.370	mg/kg			1.00	0.0500		05/17/10
Arsenic	7440-38-2	LA-505-412		3.14	mg/kg			1.00	0.400		05/17/10
Selenium	7782-49-2	LA-505-412		1.02	mg/kg			1.00	0.300		05/17/10
Thallium	7440-28-0	LA-505-412	U	< 0.0999	mg/kg			1.00	0.0999		05/17/10
Strontium	7440-24-6	LA-505-412		27.7	mg/kg			1.00	0.0999		05/17/10
Tin	7440-31-5	LA-505-412		0.410	mg/kg			1.00	0.0500		05/17/10
Total solids											
Total solids	TS	LA-519-412		98.8	Percent			1.00	0.0		05/16/10

MDL = Minimum Detection Limit
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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01178
Client ID: B25KM6 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**05/17/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	DU	< 1.55	mg/kg			50.00	1.6		05/17/10
Hexavalent Chromium Prep											**05/14/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	U	< 0.100	mg/kg			1.00	0.10		05/14/10
ICP Metals Analysis, Grd H20 P Prep											**05/16/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		7.31	mg/kg			1.01e+002	0.40		05/17/10
Boron	7440-42-8	LA-505-411	E	26.2	mg/kg			1.01e+002	1.9		05/17/10
ICP-200.8 MS All possible meta Prep											**05/16/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412	X	362	mg/kg			1.00	0.100		05/17/10
Nickel	7440-02-0	LA-505-412		10.0	mg/kg			1.00	0.201		05/17/10
Silver	7440-22-4	LA-505-412	U	< 0.100	mg/kg			1.00	0.100		05/17/10
Antimony	7440-36-0	LA-505-412	U	< 0.301	mg/kg			1.00	0.301		05/17/10
Barium	7440-39-3	LA-505-412		98.6	mg/kg			1.00	0.201		05/17/10
Beryllium	7440-41-7	LA-505-412		0.300	mg/kg			1.00	0.0502		05/17/10
Cadmium	7440-43-9	LA-505-412	U	< 0.100	mg/kg			1.00	0.100		05/17/10
Chromium	7440-47-3	LA-505-412		9.89	mg/kg			1.00	0.501		05/17/10
Cobalt	7440-48-4	LA-505-412		8.08	mg/kg			1.00	0.0502		05/17/10
Copper	7440-50-8	LA-505-412		12.6	mg/kg			1.00	0.100		05/17/10
Vanadium	7440-62-2	LA-505-412		54.6	mg/kg			1.00	0.201		05/17/10
Zinc	7440-66-6	LA-505-412		42.4	mg/kg			1.00	0.802		05/17/10
Lead	7439-92-1	LA-505-412		6.00	mg/kg			1.00	0.100		05/17/10

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

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01178
Client ID: B25KM6 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Mercury	7439-97-6	LA-505-412	U	< 0.0502	mg/kg			1.00	0.0502		05/17/10
Uranium	7440-61-1	LA-505-412		0.500	mg/kg			1.00	0.0502		05/17/10
Arsenic	7440-38-2	LA-505-412		3.45	mg/kg			1.00	0.401		05/17/10
Selenium	7782-49-2	LA-505-412		1.27	mg/kg			1.00	0.301		05/17/10
Thallium	7440-28-0	LA-505-412	U	< 0.100	mg/kg			1.00	0.100		05/17/10
Strontium	7440-24-6	LA-505-412		28.9	mg/kg			1.00	0.100		05/17/10
Tin	7440-31-5	LA-505-412		0.430	mg/kg			1.00	0.0502		05/17/10
Total solids											
Total solids	TS	LA-519-412		99.0	Percent			1.00	0.0		05/16/10

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

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01179
Client ID: B25KM7 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**05/17/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	DU	< 1.55	mg/kg			50.00	1.6		05/17/10
Hexavalent Chromium Prep											**05/14/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	U	< 0.100	mg/kg			1.00	0.10		05/14/10
ICP Metals Analysis, Grd H20 P Prep											**05/16/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		7.31	mg/kg			1.01e+002	0.40		05/17/10
Boron	7440-42-8	LA-505-411	E	24.8	mg/kg			1.01e+002	1.9		05/17/10
ICP-200.8 MS All possible meta Prep											**05/16/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412	X	356	mg/kg			1.00	0.100		05/17/10
Nickel	7440-02-0	LA-505-412		10.3	mg/kg			1.00	0.200		05/17/10
Silver	7440-22-4	LA-505-412	U	< 0.100	mg/kg			1.00	0.100		05/17/10
Antimony	7440-36-0	LA-505-412	U	< 0.300	mg/kg			1.00	0.300		05/17/10
Barium	7440-39-3	LA-505-412		112	mg/kg			1.00	0.200		05/17/10
Beryllium	7440-41-7	LA-505-412		0.320	mg/kg			1.00	0.0500		05/17/10
Cadmium	7440-43-9	LA-505-412		0.100	mg/kg			1.00	0.100		05/17/10
Chromium	7440-47-3	LA-505-412		9.91	mg/kg			1.00	0.500		05/17/10
Cobalt	7440-48-4	LA-505-412		8.11	mg/kg			1.00	0.0500		05/17/10
Copper	7440-50-8	LA-505-412		13.4	mg/kg			1.00	0.100		05/17/10
Vanadium	7440-62-2	LA-505-412		57.1	mg/kg			1.00	0.200		05/17/10
Zinc	7440-66-6	LA-505-412		47.0	mg/kg			1.00	0.800		05/17/10
Lead	7439-92-1	LA-505-412		10.3	mg/kg			1.00	0.100		05/17/10

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

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X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
U - Analyzed for but not detected above limiting criteria.(org)
X - Other flags/notes described in the comments/narrative.(org)

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01179
Client ID: B25KM7 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Mercury	7439-97-6	LA-505-412	U	< 0.0500	mg/kg			1.00	0.0500		05/17/10
Uranium	7440-61-1	LA-505-412		0.540	mg/kg			1.00	0.0500		05/17/10
Arsenic	7440-38-2	LA-505-412		3.77	mg/kg			1.00	0.400		05/17/10
Selenium	7782-49-2	LA-505-412		0.940	mg/kg			1.00	0.300		05/17/10
Thallium	7440-28-0	LA-505-412	U	< 0.100	mg/kg			1.00	0.100		05/17/10
Strontium	7440-24-6	LA-505-412		31.1	mg/kg			1.00	0.100		05/17/10
Tin	7440-31-5	LA-505-412		0.390	mg/kg			1.00	0.0500		05/17/10
Total solids											
Total solids	TS	LA-519-412		98.9	Percent			1.00	0.0		05/16/10

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

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U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01180
Client ID: B25KM8 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**05/17/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	DU	< 1.55	mg/kg			50.00	1.6		05/17/10
Hexavalent Chromium Prep											**05/14/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	U	< 0.100	mg/kg			1.00	0.10		05/14/10
ICP Metals Analysis, Grd H20 P Prep											**05/16/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		8.27	mg/kg			1.01e+002	0.40		05/17/10
Boron	7440-42-8	LA-505-411	E	26.6	mg/kg			1.01e+002	1.9		05/17/10
ICP-200.8 MS All possible meta Prep											**05/16/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412	X	360	mg/kg			1.01	0.101		05/17/10
Nickel	7440-02-0	LA-505-412		12.1	mg/kg			1.01	0.201		05/17/10
Silver	7440-22-4	LA-505-412	U	< 0.101	mg/kg			1.01	0.101		05/17/10
Antimony	7440-36-0	LA-505-412	U	< 0.302	mg/kg			1.01	0.302		05/17/10
Barium	7440-39-3	LA-505-412		95.0	mg/kg			1.01	0.201		05/17/10
Beryllium	7440-41-7	LA-505-412		0.400	mg/kg			1.01	0.0504		05/17/10
Cadmium	7440-43-9	LA-505-412		0.130	mg/kg			1.01	0.101		05/17/10
Chromium	7440-47-3	LA-505-412		10.0	mg/kg			1.01	0.503		05/17/10
Cobalt	7440-48-4	LA-505-412		8.24	mg/kg			1.01	0.0504		05/17/10
Copper	7440-50-8	LA-505-412		14.9	mg/kg			1.01	0.101		05/17/10
Vanadium	7440-62-2	LA-505-412		50.2	mg/kg			1.01	0.201		05/17/10
Zinc	7440-66-6	LA-505-412		41.2	mg/kg			1.01	0.806		05/17/10
Lead	7439-92-1	LA-505-412		6.41	mg/kg			1.01	0.101		05/17/10

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)
E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
U - Analyzed for but not detected above limiting criteria.(org)
X - Other flags/notes described in the comments/narrative.(org)

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01180
Client ID: B25KM8 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Inorganic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Mercury	7439-97-6	LA-505-412	U	< 0.0504	mg/kg			1.01	0.0504		05/17/10
Uranium	7440-61-1	LA-505-412		0.340	mg/kg			1.01	0.0504		05/17/10
Arsenic	7440-38-2	LA-505-412		4.12	mg/kg			1.01	0.403		05/17/10
Selenium	7782-49-2	LA-505-412		1.39	mg/kg			1.01	0.302		05/17/10
Thallium	7440-28-0	LA-505-412	U	< 0.101	mg/kg			1.01	0.101		05/17/10
Strontium	7440-24-6	LA-505-412		27.1	mg/kg			1.01	0.101		05/17/10
Tin	7440-31-5	LA-505-412		0.360	mg/kg			1.01	0.0504		05/17/10
Total solids											
Total solids	TS	LA-519-412		98.9	Percent			1.00	0.0		05/16/10

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)
E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
U - Analyzed for but not detected above limiting criteria.(org)
X - Other flags/notes described in the comments/narrative.(org)

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

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20100758
Matrix: SOLID
Test: Anions by Ion Chromatography

Sample Date: 05/13/10
Receive Date:05/13/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W10GR01168											
BATCH QC ASSOCIATED WITH SAMPLE											
DUP	Nitrogen in Nitrate	NO3-N	2.9257		RPD			2.877	20.000		05/14/10
MS	Nitrogen in Nitrate	NO3-N	0.44437	98.749	% Recov	80.000	120.000				05/14/10
MSD	Nitrogen in Nitrate	NO3-N	0.46587	103.527	% Recov	80.000	120.000				05/14/10
SPK-RPD	Nitrogen in Nitrate	NO3-N	103.527		RPD			4.724	20.000		05/15/10
BATCH QC											
BLANK	Nitrogen in Nitrate	NO3-N	<3.1e-2	n/a	mg/L	0.000	0.040			U	05/15/10
BLANK	Nitrogen in Nitrate	NO3-N	<3.1e-2	n/a	mg/L	0.000	0.040			U	05/14/10
LCS	Nitrogen in Nitrate	NO3-N	89.1012	99.111	% Recov	80.000	120.000				05/14/10
Lab ID: W10GR01178											
BATCH QC ASSOCIATED WITH SAMPLE											
DUP	Nitrogen in Nitrate	NO3-N	<1.55		RPD			n/a	20.000	U	05/17/10
MS	Nitrogen in Nitrate	NO3-N	0.437712	97.269	% Recov	80.000	120.000				05/17/10
MSD	Nitrogen in Nitrate	NO3-N	0.435596	96.799	% Recov	80.000	120.000				05/17/10
SPK-RPD	Nitrogen in Nitrate	NO3-N	96.799		RPD			0.484	20.000		05/17/10
BATCH QC											
BLANK	Nitrogen in Nitrate	NO3-N	<3.1e-2	n/a	mg/L	0.000	0.040			U	05/17/10
BLANK	Nitrogen in Nitrate	NO3-N	<3.1e-2	n/a	mg/L	0.000	0.040			U	05/17/10
LCS	Nitrogen in Nitrate	NO3-N	91.9903	102.325	% Recov	80.000	120.000				05/17/10

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20100758
Matrix: SOLID
Test: Hexavalent chromium

Sample Date: 05/13/10
Receive Date:05/13/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W10GR01187											
BATCH QC ASSOCIATED WITH SAMPLE											
DUP	Hexavalent chromium	18540-29-9	< 0.10		RPD			n/a	15.000	U	05/14/10
MS	Hexavalent chromium	18540-29-9	266	80.606	% Recov	75.000	125.000				05/14/10
MS	Hexavalent chromium	18540-29-9	15.5	79.082	% Recov	75.000	125.000				05/14/10
SPK-POST	Hexavalent chromium	18540-29-9	0.0462	95.258	% Recov	75.000	125.000				05/14/10
BATCH QC											
BLNK-PREP	Hexavalent chromium	18540-29-9	< 0.10	n/a	ug/g	0.000	2.000			U	05/14/10
LCS	Hexavalent chromium	18540-29-9	15.4	88.000	% Recov	80.000	120.000				05/14/10
Lab ID: W10GR01196											
BATCH QC ASSOCIATED WITH SAMPLE											
DUP	Hexavalent chromium	18540-29-9	< 0.10		RPD			n/a	15.000	U	05/20/10
MS	Hexavalent chromium	18540-29-9	19.7	97.044	% Recov	75.000	125.000				05/20/10
MS	Hexavalent chromium	18540-29-9	242	72.455	% Recov	75.000	125.000				05/20/10
MSD	Hexavalent chromium	18540-29-9	17.6	86.700	% Recov	75.000	125.000				05/20/10
SPK-POST	Hexavalent chromium	18540-29-9	0.0562	115.876	% Recov	75.000	125.000				05/20/10
SPK-RPD	Hexavalent chromium	18540-29-9	86.700		RPD			11.259	20.000		05/20/10
BATCH QC											
BLNK-PREP	Hexavalent chromium	18540-29-9	< 0.10	n/a	ug/g	0.000	2.000			U	05/20/10
LCS	Hexavalent chromium	18540-29-9	19.7	98.500	% Recov	80.000	120.000				05/20/10

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20100758
Matrix: SOLID
Test: ICP Metals Analysis, Grd H20 P

Sample Date: 05/13/10
Receive Date:05/13/10

Lab ID: W10GR01168

BATCH QC ASSOCIATED WITH SAMPLE

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
MS	Boron	7440-42-8	196.83	97.441	% Recov	75.000	125.000				05/17/10
MS	Lithium	7439-93-2	105.222	104.180	% Recov	70.000	130.000				05/17/10
MSD	Boron	7440-42-8	196.63	98.315	% Recov	75.000	125.000				05/17/10
MSD	Lithium	7439-93-2	105.522	105.733	% Recov	75.000	125.000				05/17/10
SPK-RPD	Boron	7440-42-8	98.315		RPD			0.893	20.000		05/17/10
SPK-RPD	Lithium	7439-93-2	105.733		RPD			1.480	20.000		05/17/10

BATCH QC

BLANK	Boron	7440-42-8	<1.9e-2	n/a	ug/mL					U	05/17/10
BLANK	Lithium	7439-93-2	<4e-3	n/a	ug/mL					U	05/17/10
LCS	Boron	7440-42-8	141.8	123.304	% Recov	45.000	156.000				05/17/10
LCS	Lithium	7439-93-2	7.654	90.687	% Recov	80.000	120.000				05/17/10

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20100758
Matrix: SOLID
Test: ICP-200.8 MS All possible meta

Sample Date: 05/13/10
Receive Date:05/13/10

Lab ID: W10GR01168
BATCH QC ASSOCIATED WITH SAMPLE

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
MS	Silver	7440-22-4	91.53	91.530	% Recov	70.000	130.000				05/17/10
MS	Arsenic	7440-38-2	97.35	97.350	% Recov	70.000	130.000				05/17/10
MS	Barium	7440-39-3	127.1	127.100	% Recov	70.000	130.000				05/17/10
MS	Beryllium	7440-41-7	91.08	91.080	% Recov	70.000	130.000				05/17/10
MS	Cadmium	7440-43-9	95.18	95.180	% Recov	70.000	130.000				05/17/10
MS	Cobalt	7440-48-4	91.17	91.170	% Recov	70.000	130.000				05/17/10
MS	Chromium	7440-47-3	92.57	92.570	% Recov	70.000	130.000				05/17/10
MS	Copper	7440-50-8	90.51	90.510	% Recov	70.000	130.000				05/17/10
MS	Mercury	7439-97-6	1.84	92.000	% Recov	70.000	130.000				05/17/10
MS	Manganese	7439-96-5	125.6	125.600	% Recov	70.000	130.000				05/17/10
MS	Nickel	7440-02-0	91.59	91.590	% Recov	70.000	130.000				05/17/10
MS	Lead	7439-92-1	99.97	99.970	% Recov	70.000	130.000				05/17/10
MS	Antimony	7440-36-0	81.87	81.870	% Recov	70.000	130.000				05/17/10
MS	Selenium	7782-49-2	98	98.000	% Recov	70.000	130.000				05/17/10
MS	Tin	7440-31-5	96.84	96.840	% Recov	70.000	130.000				05/17/10
MS	Strontium	7440-24-6	112.5	112.500	% Recov	70.000	130.000				05/17/10
MS	Thallium	7440-28-0	93.28	93.280	% Recov	70.000	130.000				05/17/10
MS	Uranium	7440-61-1	98.97	98.970	% Recov	70.000	130.000				05/17/10
MS	Vanadium	7440-62-2	96.99	96.990	% Recov	70.000	130.000				05/17/10
MS	Zinc	7440-66-6	92.49	92.490	% Recov	70.000	130.000				05/17/10
MSD	Silver	7440-22-4	95.74	95.740	% Recov	70.000	130.000				05/17/10
MSD	Arsenic	7440-38-2	100.05	100.050	% Recov	70.000	130.000				05/17/10
MSD	Barium	7440-39-3	126.5	126.500	% Recov	70.000	130.000				05/17/10
MSD	Beryllium	7440-41-7	96.05	96.050	% Recov	70.000	130.000				05/17/10
MSD	Cadmium	7440-43-9	99.1	99.100	% Recov	70.000	130.000				05/17/10
MSD	Cobalt	7440-48-4	96.46	96.460	% Recov	70.000	130.000				05/17/10

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20100758
Matrix: SOLID
Test: ICP-200.8 MS All possible meta

Sample Date: 05/13/10
Receive Date:05/13/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
MSD	Chromium	7440-47-3	97.27	97.270	% Recov	70.000	130.000				05/17/10
MSD	Copper	7440-50-8	94.51	94.510	% Recov	70.000	130.000				05/17/10
MSD	Mercury	7439-97-6	2.01	100.500	% Recov	70.000	130.000				05/17/10
MSD	Manganese	7439-96-5	168.2	168.200	% Recov	70.000	130.000			•	05/17/10
MSD	Nickel	7440-02-0	96.69	96.690	% Recov	70.000	130.000				05/17/10
MSD	Lead	7439-92-1	103.57	103.570	% Recov	70.000	130.000				05/17/10
MSD	Antimony	7440-36-0	84.91	84.910	% Recov	70.000	130.000				05/17/10
MSD	Selenium	7782-49-2	102.75	102.750	% Recov	70.000	130.000				05/17/10
MSD	Tin	7440-31-5	100.46	100.460	% Recov	70.000	130.000				05/17/10
MSD	Strontium	7440-24-6	116.5	116.500	% Recov	70.000	130.000				05/17/10
MSD	Thallium	7440-28-0	97.74	97.740	% Recov	70.000	130.000				05/17/10
MSD	Uranium	7440-61-1	103.71	103.710	% Recov	70.000	130.000				05/17/10
MSD	Vanadium	7440-62-2	101.59	101.590	% Recov	70.000	130.000				05/17/10
MSD	Zinc	7440-66-6	95.29	95.290	% Recov	70.000	130.000				05/17/10
SPK-RPD	Silver	7440-22-4	95.740		RPD			4.496	20.000		05/17/10
SPK-RPD	Arsenic	7440-38-2	100.050		RPD			2.736	20.000		05/17/10
SPK-RPD	Barium	7440-39-3	126.500		RPD			0.473	20.000		05/17/10
SPK-RPD	Beryllium	7440-41-7	96.050		RPD			5.312	20.000		05/17/10
SPK-RPD	Cadmium	7440-43-9	99.100		RPD			4.035	20.000		05/17/10
SPK-RPD	Cobalt	7440-48-4	96.460		RPD			5.639	20.000		05/17/10
SPK-RPD	Chromium	7440-47-3	97.270		RPD			4.952	20.000		05/17/10
SPK-RPD	Copper	7440-50-8	94.510		RPD			4.324	20.000		05/17/10
SPK-RPD	Mercury	7439-97-6	100.500		RPD			8.831	20.000		05/17/10
SPK-RPD	Manganese	7439-96-5	168.200		RPD			28.999	20.000	•	05/17/10
SPK-RPD	Nickel	7440-02-0	96.690		RPD			5.417	20.000		05/17/10
SPK-RPD	Lead	7439-92-1	103.570		RPD			3.537	20.000		05/17/10
SPK-RPD	Antimony	7440-36-0	84.910		RPD			3.646	20.000		05/17/10
SPK-RPD	Selenium	7782-49-2	102.750		RPD			4.732	20.000		05/17/10
SPK-RPD	Tin	7440-31-5	100.460		RPD			3.670	20.000		05/17/10
SPK-RPD	Strontium	7440-24-6	116.500		RPD			3.493	20.000		05/17/10

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20100758
Matrix: SOLID
Test: ICP-200.8 MS All possible meta

Sample Date: 05/13/10
Receive Date:05/13/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
SPK-RPD	Thallium	7440-28-0	97.740		RPD			4.670	20.000		05/17/10
SPK-RPD	Uranium	7440-61-1	103.710		RPD			4.677	20.000		05/17/10
SPK-RPD	Vanadium	7440-62-2	101.590		RPD			4.633	20.000		05/17/10
SPK-RPD	Zinc	7440-66-6	95.290		RPD			2.982	20.000		05/17/10

BATCH QC

BLANK	Silver	7440-22-4	<0.1	n/a	ug/L					U	05/17/10
BLANK	Arsenic	7440-38-2	<0.4	n/a	ug/L					U	05/17/10
BLANK	Barium	7440-39-3	<0.2	n/a	ug/L					U	05/17/10
BLANK	Beryllium	7440-41-7	<5e-2	n/a	ug/L					U	05/17/10
BLANK	Cadmium	7440-43-9	<0.1	n/a	ug/L					U	05/17/10
BLANK	Cobalt	7440-48-4	<5e-2	n/a	ug/L					U	05/17/10
BLANK	Chromium	7440-47-3	<0.5	n/a	ug/L					U	05/17/10
BLANK	Copper	7440-50-8	<0.1	n/a	ug/L					U	05/17/10
BLANK	Mercury	7439-97-6	<5e-2	n/a	ug/L					U	05/17/10
BLANK	Manganese	7439-96-5	<0.1	n/a	ug/L					U	05/17/10
BLANK	Nickel	7440-02-0	<0.2	n/a	ug/L					U	05/17/10
BLANK	Lead	7439-92-1	<0.1	n/a	ug/L					U	05/17/10
BLANK	Antimony	7440-36-0	<0.3	n/a	ug/L					U	05/17/10
BLANK	Selenium	7782-49-2	<0.3	n/a	ug/L					U	05/17/10
BLANK	Tin	7440-31-5	<5e-2	n/a	ug/L					U	05/17/10
BLANK	Strontium	7440-24-6	<0.1	n/a	ug/L					U	05/17/10
BLANK	Thallium	7440-28-0	<0.1	n/a	ug/L					U	05/17/10
BLANK	Uranium	7440-61-1	<5e-2	n/a	ug/L					U	05/17/10
BLANK	Vanadium	7440-62-2	<0.2	n/a	ug/L					U	05/17/10
BLANK	Zinc	7440-66-6	<0.8	n/a	ug/L					U	05/17/10
LCS	Silver	7440-22-4	100.7	99.703	% Recov	81.000	128.000				05/17/10
LCS	Arsenic	7440-38-2	130.2	98.636	% Recov	78.000	124.000				05/17/10
LCS	Barium	7440-39-3	312.6	97.994	% Recov	77.000	119.000				05/17/10
LCS	Beryllium	7440-41-7	88.63	99.028	% Recov	78.000	118.000				05/17/10

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20100758
Matrix: SOLID
Test: ICP-200.8 MS All possible meta

Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
LCS	Cadmium	7440-43-9	70.04	105.323	% Recov	75.000	127.000				05/17/10
LCS	Cobalt	7440-48-4	73.69	100.807	% Recov	75.000	124.000				05/17/10
LCS	Chromium	7440-47-3	70.29	96.420	% Recov	67.000	119.000				05/17/10
LCS	Copper	7440-50-8	64.64	94.365	% Recov	68.000	122.000				05/17/10
LCS	Mercury	7439-97-6	7.67	92.633	% Recov	72.000	117.000				05/17/10
LCS	Manganese	7439-96-5	449.7	99.272	% Recov	72.000	123.000				05/17/10
LCS	Nickel	7440-02-0	55.53	99.874	% Recov	73.000	123.000				05/17/10
LCS	Lead	7439-92-1	132.5	101.923	% Recov	77.000	125.000				05/17/10
LCS	Antimony	7440-36-0	153.4	170.067	% Recov	65.000	203.000				05/17/10
LCS	Selenium	7782-49-2	169.8	105.466	% Recov	82.000	129.000				05/17/10
LCS	Tin	7440-31-5	181.3	104.798	% Recov	83.000	127.000				05/17/10
LCS	Strontium	7440-24-6	54.99	101.085	% Recov	77.000	118.000				05/17/10
LCS	Thallium	7440-28-0	139.4	104.812	% Recov	55.000	130.000				05/17/10
LCS	Uranium	7440-61-1	395.4	98.850	% Recov	84.000	110.000				05/17/10
LCS	Vanadium	7440-62-2	82.29	99.145	% Recov	65.000	122.000				05/17/10
LCS	Zinc	7440-66-6	174.1	98.362	% Recov	75.000	130.000				05/17/10

WSCF
ANALYTICAL COMMENT REPORT

Attention: Steve Trent
Project Number F10-202

Group #: WSCF20100758
Department: Inorganic

Sample #	Client ID	Lab Area	Test	Comment
		VALGROUP		ICP-MS- MSD Manganese more than 4 times the spike amount. Spike information not valid. X flag. ICP-AES: Estimated boron result due to iron interference; "E" flag. ORGANICS: Sample concentrations corrected for moisture and reported dry weight basis. gar TPHD - Samples W10GR01168, 1179, 1181, 1182, 1183: Diesel result contains concentrations of compounds which co-elute between diesel and motor oil range. DTS PCB - Matrix Spike RPD within laboratory control limits for Aroclor 1260 and DCB surrogate but marked as out by the LIMS They are within the current limits of <30%, but greater than the old limits of 20%.gar Hexavalent Chromium IMS recovery was 72%. Possible Matrix interference. JPW

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

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01168
Client ID: B25KL5 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**05/16/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	X	68.0	mg/kg			1.00	5.4		05/18/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 5.40	mg/kg			1.00	5.4		05/18/10
PCBs complete list Prep											**05/16/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 5.40	ug/kg			1.00	5.4		05/19/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 11.0	ug/kg			1.00	11		05/19/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 5.40	ug/kg			1.00	5.4		05/19/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 5.40	ug/kg			1.00	5.4		05/19/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 5.40	ug/kg			1.00	5.4		05/19/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 5.40	ug/kg			1.00	5.4		05/19/10
Aroclor-1260	11096-82-5	LA-523-427		27.0	ug/kg			1.00	5.4		05/19/10
SW-846 8270C Semi-Vols Prep											**05/16/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 360	ug/kg			1.00	3.6e+02		05/18/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 270	ug/kg			1.00	2.7e+02		05/18/10
Phenol	108-95-2	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		05/18/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		05/18/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		05/18/10
Pyrene	129-00-0	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		05/18/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		05/18/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		05/18/10
Acenaphthene	83-32-9	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		05/18/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 430	ug/kg			1.00	4.3e+02		05/18/10

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)
E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
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X - Other flags/notes described in the comments/narrative.(org)

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01168
Client ID: B25KL5 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
2-Chlorophenol	95-57-8	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		05/18/10
Anthracene	120-12-7	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		05/18/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 350	ug/kg			1.00	3.5e+02		05/18/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 360	ug/kg			1.00	3.6e+02		05/18/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 220	ug/kg			1.00	2.2e+02		05/18/10
Fluoranthene	206-44-0	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		05/18/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 220	ug/kg			1.00	2.2e+02		05/18/10
Acenaphthylene	208-96-8	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		05/18/10
Chrysene	218-01-9	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		05/18/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 240	ug/kg			1.00	2.4e+02		05/18/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 360	ug/kg			1.00	3.6e+02		05/18/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		05/18/10
Phenanthrene	85-01-8	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		05/18/10
Fluorene	86-73-7	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		05/18/10
Naphthalene	91-20-3	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		05/18/10
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 1.20	ug/kg			1.00	1.2		05/16/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.250	ug/kg			1.00	0.25		05/16/10
Benzene	71-43-2	LA-523-455	U	< 1.20	ug/kg			1.00	1.2		05/16/10
Toluene	108-88-3	LA-523-455	U	< 1.20	ug/kg			1.00	1.2		05/16/10
Chlorobenzene	108-90-7	LA-523-455	U	< 1.20	ug/kg			1.00	1.2		05/16/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 1.20	ug/kg			1.00	1.2		05/16/10

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

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X - Other flags/notes described in the comments/narrative.(org)

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01169
Client ID: B25KL6 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**05/16/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	U	< 5.00	mg/kg			1.00	5.0		05/18/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 5.00	mg/kg			1.00	5.0		05/18/10
PCBs complete list Prep											**05/16/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 10.0	ug/kg			1.00	10		05/19/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
SW-846 8270C Semi-Vols Prep											**05/16/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 250	ug/kg			1.00	2.5e+02		05/18/10
Phenol	108-95-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pyrene	129-00-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Acenaphthene	83-32-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 400	ug/kg			1.00	4.0e+02		05/18/10

MDL = Minimum Detection Limit
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DF = Dilution Factor

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01169
Client ID: B25KL6 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
2-Chlorophenol	95-57-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Anthracene	120-12-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 320	ug/kg			1.00	3.2e+02		05/18/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		05/18/10
Fluoranthene	206-44-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		05/18/10
Acenaphthylene	208-96-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Chrysene	218-01-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 230	ug/kg			1.00	2.3e+02		05/18/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Phenanthrene	85-01-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Fluorene	86-73-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Naphthalene	91-20-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 1.10	ug/kg			1.00	1.1		05/16/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.220	ug/kg			1.00	0.22		05/16/10
Benzene	71-43-2	LA-523-455	U	< 1.10	ug/kg			1.00	1.1		05/16/10
Toluene	108-88-3	LA-523-455	U	< 1.10	ug/kg			1.00	1.1		05/16/10
Chlorobenzene	108-90-7	LA-523-455	U	< 1.10	ug/kg			1.00	1.1		05/16/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 1.10	ug/kg			1.00	1.1		05/16/10

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01170
Client ID: B25KL8 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**05/16/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	U	< 5.00	mg/kg			1.00	5.0		05/18/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 5.00	mg/kg			1.00	5.0		05/18/10
PCBs complete list Prep											**05/16/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 10.0	ug/kg			1.00	10		05/19/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
SW-846 8270C Semi-Vols Prep											**05/16/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 250	ug/kg			1.00	2.5e+02		05/18/10
Phenol	108-95-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pyrene	129-00-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Acenaphthene	83-32-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 400	ug/kg			1.00	4.0e+02		05/18/10

MDL=Minimum Detection Limit
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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01170
Client ID: B25KL8 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
2-Chlorophenol	95-57-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Anthracene	120-12-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 320	ug/kg			1.00	3.2e+02		05/18/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		05/18/10
Fluoranthene	206-44-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		05/18/10
Acenaphthylene	208-96-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Chrysene	218-01-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 230	ug/kg			1.00	2.3e+02		05/18/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Phenanthrene	85-01-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Fluorene	86-73-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Naphthalene	91-20-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 1.20	ug/kg			1.00	1.2		05/16/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.250	ug/kg			1.00	0.25		05/16/10
Benzene	71-43-2	LA-523-455	U	< 1.20	ug/kg			1.00	1.2		05/16/10
Toluene	108-88-3	LA-523-455	U	< 1.20	ug/kg			1.00	1.2		05/16/10
Chlorobenzene	108-90-7	LA-523-455	U	< 1.20	ug/kg			1.00	1.2		05/16/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 1.20	ug/kg			1.00	1.2		05/16/10

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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U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
U - Analyzed for but not detected above limiting criteria.(org)
X - Other flags/notes described in the comments/narrative.(org)

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01171
Client ID: B25KL9 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**05/16/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	U	< 5.10	mg/kg			1.00	5.1		05/18/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 5.10	mg/kg			1.00	5.1		05/18/10
PCBs complete list Prep											**05/16/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 10.0	ug/kg			1.00	10		05/19/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
SW-846 8270C Semi-Vols Prep											**05/16/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 250	ug/kg			1.00	2.5e+02		05/18/10
Phenol	108-95-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pyrene	129-00-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Acenaphthene	83-32-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 400	ug/kg			1.00	4.0e+02		05/18/10

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

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01171
Client ID: B25KL9 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
2-Chlorophenol	95-57-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Anthracene	120-12-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		05/18/10
Fluoranthene	206-44-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		05/18/10
Acenaphthylene	208-96-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Chrysene	218-01-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 230	ug/kg			1.00	2.3e+02		05/18/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Phenanthrene	85-01-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Fluorene	86-73-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Naphthalene	91-20-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		05/16/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.200	ug/kg			1.00	0.20		05/16/10
Benzene	71-43-2	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		05/16/10
Toluene	108-88-3	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		05/16/10
Chlorobenzene	108-90-7	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		05/16/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		05/16/10

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01172
Client ID: B25KM0 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**05/16/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	U	< 5.10	mg/kg			1.00	5.1		05/18/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 5.10	mg/kg			1.00	5.1		05/18/10
PCBs complete list Prep											**05/16/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 10.0	ug/kg			1.00	10		05/19/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
SW-846 8270C Semi-Vols Prep											**05/16/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		05/18/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 260	ug/kg			1.00	2.6e+02		05/18/10
Phenol	108-95-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pyrene	129-00-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Acenaphthene	83-32-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 410	ug/kg			1.00	4.1e+02		05/18/10

MDL = Minimum Detection Limit
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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01172
Client ID: B25KM0 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
2-Chlorophenol	95-57-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Anthracene	120-12-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		05/18/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		05/18/10
Fluoranthene	206-44-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 210	ug/kg			1.00	2.1e+02		05/18/10
Acenaphthylene	208-96-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Chrysene	218-01-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 230	ug/kg			1.00	2.3e+02		05/18/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		05/18/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Phenanthrene	85-01-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Fluorene	86-73-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Naphthalene	91-20-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 0.750	ug/kg			1.00	0.75		05/16/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.150	ug/kg			1.00	0.15		05/16/10
Benzene	71-43-2	LA-523-455	U	< 0.750	ug/kg			1.00	0.75		05/16/10
Toluene	108-88-3	LA-523-455	U	< 0.750	ug/kg			1.00	0.75		05/16/10
Chlorobenzene	108-90-7	LA-523-455	U	< 0.750	ug/kg			1.00	0.75		05/16/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 0.750	ug/kg			1.00	0.75		05/16/10

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01173
Client ID: B25KM1 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**05/16/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	U	< 5.10	mg/kg			1.00	5.1		05/18/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 5.10	mg/kg			1.00	5.1		05/18/10
PCBs complete list Prep											**05/16/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 10.0	ug/kg			1.00	10		05/19/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
SW-846 8270C Semi-Vols Prep											**05/16/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 260	ug/kg			1.00	2.6e+02		05/18/10
Phenol	108-95-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pyrene	129-00-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Acenaphthene	83-32-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 410	ug/kg			1.00	4.1e+02		05/18/10

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01173
Client ID: B25KM1 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
2-Chlorophenol	95-57-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Anthracene	120-12-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		05/18/10
Fluoranthene	206-44-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 210	ug/kg			1.00	2.1e+02		05/18/10
Acenaphthylene	208-96-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Chrysene	218-01-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 230	ug/kg			1.00	2.3e+02		05/18/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Phenanthrene	85-01-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Fluorene	86-73-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Naphthalene	91-20-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 0.920	ug/kg			1.00	0.92		05/16/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.180	ug/kg			1.00	0.18		05/16/10
Benzene	71-43-2	LA-523-455	U	< 0.920	ug/kg			1.00	0.92		05/16/10
Toluene	108-88-3	LA-523-455	U	< 0.920	ug/kg			1.00	0.92		05/16/10
Chlorobenzene	108-90-7	LA-523-455	U	< 0.920	ug/kg			1.00	0.92		05/16/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 0.920	ug/kg			1.00	0.92		05/16/10

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)
E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
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X - Other flags/notes described in the comments/narrative.(org)

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01174
Client ID: B25KM2 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**05/16/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	U	< 5.10	mg/kg			1.00	5.1		05/18/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 5.10	mg/kg			1.00	5.1		05/18/10
PCBs complete list Prep											**05/16/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 10.0	ug/kg			1.00	10		05/19/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
SW-846 8270C Semi-Vols Prep											**05/16/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		05/18/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 260	ug/kg			1.00	2.6e+02		05/18/10
Phenol	108-95-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pyrene	129-00-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Acenaphthene	83-32-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 410	ug/kg			1.00	4.1e+02		05/18/10

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

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01174
Client ID: B25KM2 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
2-Chlorophenol	95-57-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Anthracene	120-12-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		05/18/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		05/18/10
Fluoranthene	206-44-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 210	ug/kg			1.00	2.1e+02		05/18/10
Acenaphthylene	208-96-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Chrysene	218-01-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 230	ug/kg			1.00	2.3e+02		05/18/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		05/18/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Phenanthrene	85-01-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Fluorene	86-73-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Naphthalene	91-20-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 0.940	ug/kg			1.00	0.94		05/16/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.190	ug/kg			1.00	0.19		05/16/10
Benzene	71-43-2	LA-523-455	U	< 0.940	ug/kg			1.00	0.94		05/16/10
Toluene	108-88-3	LA-523-455	U	< 0.940	ug/kg			1.00	0.94		05/16/10
Chlorobenzene	108-90-7	LA-523-455	U	< 0.940	ug/kg			1.00	0.94		05/16/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 0.940	ug/kg			1.00	0.94		05/16/10

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01175
Client ID: B25KM3 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**05/16/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	U	< 5.10	mg/kg			1.00	5.1		05/18/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 5.10	mg/kg			1.00	5.1		05/18/10
PCBs complete list Prep											**05/16/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 10.0	ug/kg			1.00	10		05/19/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
SW-846 8270C Semi-Vols Prep											**05/16/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		05/18/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 260	ug/kg			1.00	2.6e+02		05/18/10
Phenol	108-95-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pyrene	129-00-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Acenaphthene	83-32-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 410	ug/kg			1.00	4.1e+02		05/18/10

MDL = Minimum Detection Limit
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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01175
Client ID: B25KM3 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
2-Chlorophenol	95-57-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Anthracene	120-12-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		05/18/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 210	ug/kg			1.00	2.1e+02		05/18/10
Fluoranthene	206-44-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 210	ug/kg			1.00	2.1e+02		05/18/10
Acenaphthylene	208-96-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Chrysene	218-01-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 230	ug/kg			1.00	2.3e+02		05/18/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		05/18/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Phenanthrene	85-01-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Fluorene	86-73-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Naphthalene	91-20-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 0.800	ug/kg			1.00	0.80		05/16/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.160	ug/kg			1.00	0.16		05/16/10
Benzene	71-43-2	LA-523-455	U	< 0.800	ug/kg			1.00	0.80		05/16/10
Toluene	108-88-3	LA-523-455	U	< 0.800	ug/kg			1.00	0.80		05/16/10
Chlorobenzene	108-90-7	LA-523-455	U	< 0.800	ug/kg			1.00	0.80		05/16/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 0.800	ug/kg			1.00	0.80		05/16/10

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01176
Client ID: B25KM4 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**05/16/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	U	< 5.10	mg/kg			1.00	5.1		05/18/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 5.10	mg/kg			1.00	5.1		05/18/10
PCBs complete list Prep											**05/16/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 10.0	ug/kg			1.00	10		05/19/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 5.10	ug/kg			1.00	5.1		05/19/10
SW-846 8270C Semi-Vols Prep											**05/16/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 260	ug/kg			1.00	2.6e+02		05/18/10
Phenol	108-95-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pyrene	129-00-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Acenaphthene	83-32-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 410	ug/kg			1.00	4.1e+02		05/18/10

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01176
Client ID: B25KM4 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
2-Chlorophenol	95-57-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Anthracene	120-12-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		05/18/10
Fluoranthene	206-44-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		05/18/10
Acenaphthylene	208-96-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Chrysene	218-01-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 230	ug/kg			1.00	2.3e+02		05/18/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Phenanthrene	85-01-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Fluorene	86-73-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Naphthalene	91-20-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		05/17/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.200	ug/kg			1.00	0.20		05/17/10
Benzene	71-43-2	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		05/17/10
Toluene	108-88-3	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		05/17/10
Chlorobenzene	108-90-7	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		05/17/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		05/17/10

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)
E - Analyte is an estimate, has potentially larger errors(inorg)
U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
U - Analyzed for but not detected above limiting criteria.(org)
X - Other flags/notes described in the comments/narrative.(org)

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01177
Client ID: B25KM5 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**05/16/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	U	< 5.10	mg/kg			1.00	5.1		05/18/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 5.10	mg/kg			1.00	5.1		05/18/10
PCBs complete list Prep											**05/16/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 10.0	ug/kg			1.00	10		05/19/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
SW-846 8270C Semi-Vols Prep											**05/16/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 260	ug/kg			1.00	2.6e+02		05/18/10
Phenol	108-95-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pyrene	129-00-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Acenaphthene	83-32-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 400	ug/kg			1.00	4.0e+02		05/18/10

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

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N - Spike sample recovery is outside control limits.(inorg)
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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01177
Client ID: B25KM5 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
2-Chlorophenol	95-57-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Anthracene	120-12-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		05/18/10
Fluoranthene	206-44-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		05/18/10
Acenaphthylene	208-96-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Chrysene	218-01-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 230	ug/kg			1.00	2.3e+02		05/18/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Phenanthrene	85-01-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Fluorene	86-73-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Naphthalene	91-20-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		05/17/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.200	ug/kg			1.00	0.20		05/17/10
Benzene	71-43-2	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		05/17/10
Toluene	108-88-3	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		05/17/10
Chlorobenzene	108-90-7	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		05/17/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 1.00	ug/kg			1.00	1.0		05/17/10

MDL = Minimum Detection Limit
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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01178
Client ID: B25KM6 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**05/16/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	U	< 5.00	mg/kg			1.00	5.0		05/18/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 5.00	mg/kg			1.00	5.0		05/18/10
PCBs complete list Prep											**05/16/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 10.0	ug/kg			1.00	10		05/19/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
SW-846 8270C Semi-Vols Prep											**05/16/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 250	ug/kg			1.00	2.5e+02		05/18/10
Phenol	108-95-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pyrene	129-00-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Acenaphthene	83-32-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 400	ug/kg			1.00	4.0e+02		05/18/10

MDL = Minimum Detection Limit
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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01178
Client ID: B25KM6 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
2-Chlorophenol	95-57-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Anthracene	120-12-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 320	ug/kg			1.00	3.2e+02		05/18/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		05/18/10
Fluoranthene	206-44-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		05/18/10
Acenaphthylene	208-96-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Chrysene	218-01-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 230	ug/kg			1.00	2.3e+02		05/18/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Phenanthrene	85-01-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Fluorene	86-73-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Naphthalene	91-20-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 1.10	ug/kg			1.00	1.1		05/17/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.210	ug/kg			1.00	0.21		05/17/10
Benzene	71-43-2	LA-523-455	U	< 1.10	ug/kg			1.00	1.1		05/17/10
Toluene	108-88-3	LA-523-455	U	< 1.10	ug/kg			1.00	1.1		05/17/10
Chlorobenzene	108-90-7	LA-523-455	U	< 1.10	ug/kg			1.00	1.1		05/17/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 1.10	ug/kg			1.00	1.1		05/17/10

MDL = Minimum Detection Limit
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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01179
Client ID: B25KM7 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**05/16/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	X	24.0	mg/kg			1.00	5.1		05/18/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 5.10	mg/kg			1.00	5.1		05/18/10
PCBs complete list Prep											**05/16/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 10.0	ug/kg			1.00	10		05/19/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
SW-846 8270C Semi-Vols Prep											**05/16/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 250	ug/kg			1.00	2.5e+02		05/18/10
Phenol	108-95-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pyrene	129-00-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Acenaphthene	83-32-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 400	ug/kg			1.00	4.0e+02		05/18/10

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01179
Client ID: B25KM7 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
2-Chlorophenol	95-57-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Anthracene	120-12-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		05/18/10
Fluoranthene	206-44-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		05/18/10
Acenaphthylene	208-96-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Chrysene	218-01-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 230	ug/kg			1.00	2.3e+02		05/18/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Phenanthrene	85-01-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Fluorene	86-73-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Naphthalene	91-20-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 0.910	ug/kg			1.00	0.91		05/17/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.180	ug/kg			1.00	0.18		05/17/10
Benzene	71-43-2	LA-523-455	U	< 0.910	ug/kg			1.00	0.91		05/17/10
Toluene	108-88-3	LA-523-455	U	< 0.910	ug/kg			1.00	0.91		05/17/10
Chlorobenzene	108-90-7	LA-523-455	U	< 0.910	ug/kg			1.00	0.91		05/17/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 0.910	ug/kg			1.00	0.91		05/17/10

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

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U - Analyzed for but not detected above limiting criteria(inorg)
X - Other flags/notes described in the comments/narrative(inorg)

D - Analyte was identified at a secondary dilution factor(inorg)
N - Spike sample recovery is outside control limits.(inorg)
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X - Other flags/notes described in the comments/narrative.(org)

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01180
Client ID: B25KM8 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**05/16/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	U	< 5.00	mg/kg			1.00	5.0		05/18/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 5.00	mg/kg			1.00	5.0		05/18/10
PCBs complete list Prep											**05/16/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 10.0	ug/kg			1.00	10		05/19/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 5.00	ug/kg			1.00	5.0		05/19/10
SW-846 8270C Semi-Vols Prep											**05/16/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 250	ug/kg			1.00	2.5e+02		05/18/10
Phenol	108-95-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pyrene	129-00-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Acenaphthene	83-32-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 400	ug/kg			1.00	4.0e+02		05/18/10

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-202
Sample # W10GR01180
Client ID: B25KM8 GPP WSCF

Matrix: SOIL

Group #: WSCF20100758
Department: Organic
Sampled: 05/13/10
Received: 05/13/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
2-Chlorophenol	95-57-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Anthracene	120-12-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		05/18/10
Fluoranthene	206-44-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		05/18/10
Acenaphthylene	208-96-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Chrysene	218-01-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 230	ug/kg			1.00	2.3e+02		05/18/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		05/18/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Phenanthrene	85-01-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Fluorene	86-73-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
Naphthalene	91-20-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		05/18/10
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 0.990	ug/kg			1.00	0.99		05/17/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.200	ug/kg			1.00	0.20		05/17/10
Benzene	71-43-2	LA-523-455	U	< 0.990	ug/kg			1.00	0.99		05/17/10
Toluene	108-88-3	LA-523-455	U	< 0.990	ug/kg			1.00	0.99		05/17/10
Chlorobenzene	108-90-7	LA-523-455	U	< 0.990	ug/kg			1.00	0.99		05/17/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 0.990	ug/kg			1.00	0.99		05/17/10

MDL=Minimum Detection Limit
RQ=Result Qualifier
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WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20100758
Matrix: SOLID
Test: NWTPH-D TPH Diesel Range (Wa)

Sample Date: 05/13/10
Receive Date:05/13/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W10GR01168											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	ortho-Terphenyl Surr	84-15-1	22.573	104.000	% Recov	70.000	130.000				05/18/10
Lab ID: W10GR01169											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	ortho-Terphenyl Surr	84-15-1	17.271	86.000	% Recov	70.000	130.000				05/18/10
Lab ID: W10GR01170											
BATCH QC ASSOCIATED WITH SAMPLE											
MS	ortho-Terphenyl Surr	84-15-1	20.092	99.400	% Recov	70.000	130.000				05/18/10
MS	Total Pet. Hydrocarbons Diesel	TPHDIESEL	104.39	103.000	% Recov	75.000	125.000				05/18/10
MSD	ortho-Terphenyl Surr	84-15-1	19.767	97.700	% Recov	70.000	130.000				05/18/10
MSD	Total Pet. Hydrocarbons Diesel	TPHDIESEL	101.97	101.000	% Recov	75.000	125.000				05/18/10
SPK-RPD	ortho-Terphenyl Surr	84-15-1	97.700		RPD			1.725	30.000		05/18/10
SPK-RPD	Total Pet. Hydrocarbons Diesel	TPHDIESEL	101.000		RPD			1.961	30.000		05/18/10
SURR	ortho-Terphenyl Surr	84-15-1	16.466	81.600	% Recov	70.000	130.000				05/18/10
Lab ID: W10GR01171											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	ortho-Terphenyl Surr	84-15-1	15.995	79.100	% Recov	70.000	130.000				05/18/10
Lab ID: W10GR01172											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	ortho-Terphenyl Surr	84-15-1	15.797	77.600	% Recov	70.000	130.000				05/18/10
Lab ID: W10GR01173											
BATCH QC ASSOCIATED WITH SAMPLE											

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20100758
Matrix: SOLID
Test: NWTPH-D TPH Diesel Range (Wa)

Sample Date: 05/13/10
Receive Date:05/13/10

QC Type	Analyte		CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
SURR	ortho-Terphenyl	Surr	84-15-1	18.480	91.000	% Recov	70.000	130.000				05/18/10
Lab ID: W10GR01174												
BATCH QC ASSOCIATED WITH SAMPLE												
SURR	ortho-Terphenyl	Surr	84-15-1	18.074	88.200	% Recov	70.000	130.000				05/18/10
Lab ID: W10GR01175												
BATCH QC ASSOCIATED WITH SAMPLE												
SURR	ortho-Terphenyl	Surr	84-15-1	18.330	89.100	% Recov	70.000	130.000				05/18/10
Lab ID: W10GR01176												
BATCH QC ASSOCIATED WITH SAMPLE												
SURR	ortho-Terphenyl	Surr	84-15-1	17.350	85.500	% Recov	70.000	130.000				05/18/10
Lab ID: W10GR01177												
BATCH QC ASSOCIATED WITH SAMPLE												
SURR	ortho-Terphenyl	Surr	84-15-1	18.135	89.600	% Recov	70.000	130.000				05/18/10
Lab ID: W10GR01178												
BATCH QC ASSOCIATED WITH SAMPLE												
SURR	ortho-Terphenyl	Surr	84-15-1	18.604	92.200	% Recov	70.000	130.000				05/18/10
Lab ID: W10GR01179												
BATCH QC ASSOCIATED WITH SAMPLE												
SURR	ortho-Terphenyl	Surr	84-15-1	18.472	91.400	% Recov	70.000	130.000				05/18/10
Lab ID: W10GR01180												
BATCH QC ASSOCIATED WITH SAMPLE												
SURR	ortho-Terphenyl	Surr	84-15-1	17.375	86.000	% Recov	70.000	130.000				05/18/10

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20100758
Matrix: SOLID
Test: NWTPH-D TPH Diesel Range (Wa)

Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
BATCH QC											
BLANK	Kerosene	TPHKEROSENE	< 5.0	n/a	ug/Kg					U	05/18/10
BLANK	ortho-Terphenyl Surr	84-15-1	18.256	91.300	% Recov	70.000	130.000				05/18/10
BLANK	Total Pet. Hydrocarbons Diesel	TPHDIESEL	< 5.0	n/a	ug/Kg					U	05/18/10
LCS	ortho-Terphenyl Surr	84-15-1	18.607	93.000	% Recov	70.000	130.000				05/18/10
LCS	Total Pet. Hydrocarbons Diesel	TPHDIESEL	90.718	90.700	% Recov	80.000	120.000				05/18/10

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20100758
Matrix: SOLID
Test: PCBs complete list

Sample Date: 05/13/10
Receive Date:05/13/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W10GR01168											
BATCH QC ASSOCIATED WITH SAMPLE											
MS	Aroclor-1260	11096-82-5	119.41	110.000	% Recov	75.000	125.000				05/19/10
MS	Decachlorobiphenyl	2051-24-3	136.82	126.000	% Recov	50.000	150.000				05/19/10
MS	Tetrachloro-m-xylene	877-09-8	88.460	81.700	% Recov	50.000	150.000				05/19/10
MSD	Aroclor-1260	11096-82-5	90.670	85.400	% Recov	75.000	125.000				05/19/10
MSD	Decachlorobiphenyl	2051-24-3	103.44	97.400	% Recov	50.000	150.000				05/19/10
MSD	Tetrachloro-m-xylene	877-09-8	90.863	85.600	% Recov	50.000	150.000				05/19/10
SPK-RPD	Aroclor-1260	11096-82-5	85.400		RPD			25.179	25.000 *		05/19/10
SPK-RPD	Decachlorobiphenyl	2051-24-3	97.400		RPD			25.604	20.000 *		05/19/10
SPK-RPD	Tetrachloro-m-xylene	877-09-8	85.600		RPD			4.662	20.000		05/19/10
SURR	Decachlorobiphenyl	2051-24-3	133.47	123.000	% Recov	50.000	150.000				05/19/10
SURR	Tetrachloro-m-xylene	877-09-8	90.096	83.300	% Recov	50.000	150.000				05/19/10
Lab ID: W10GR01169											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Decachlorobiphenyl	2051-24-3	98.849	99.100	% Recov	50.000	150.000				05/19/10
SURR	Tetrachloro-m-xylene	877-09-8	85.238	85.400	% Recov	50.000	150.000				05/19/10
Lab ID: W10GR01170											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Decachlorobiphenyl	2051-24-3	100.82	100.000	% Recov	50.000	150.000				05/19/10
SURR	Tetrachloro-m-xylene	877-09-8	90.762	90.200	% Recov	50.000	150.000				05/19/10
Lab ID: W10GR01171											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Decachlorobiphenyl	2051-24-3	102.27	102.000	% Recov	50.000	150.000				05/19/10
SURR	Tetrachloro-m-xylene	877-09-8	91.342	91.500	% Recov	50.000	150.000				05/19/10

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20100758
Matrix: SOLID
Test: PCBs complete list

Sample Date: 05/13/10
Receive Date:05/13/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W10GR01172											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Decachlorobiphenyl	2051-24-3	103.02	102.000	% Recov	50.000	150.000				05/19/10
SURR	Tetrachloro-m-xylene	877-09-8	94.705	93.900	% Recov	50.000	150.000				05/19/10
Lab ID: W10GR01173											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Decachlorobiphenyl	2051-24-3	106.38	105.000	% Recov	50.000	150.000				05/19/10
SURR	Tetrachloro-m-xylene	877-09-8	91.511	90.200	% Recov	50.000	150.000				05/19/10
Lab ID: W10GR01174											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Decachlorobiphenyl	2051-24-3	104.49	102.000	% Recov	50.000	150.000				05/19/10
SURR	Tetrachloro-m-xylene	877-09-8	90.226	88.300	% Recov	50.000	150.000				05/19/10
Lab ID: W10GR01175											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Decachlorobiphenyl	2051-24-3	103.55	101.000	% Recov	50.000	150.000				05/19/10
SURR	Tetrachloro-m-xylene	877-09-8	94.580	92.100	% Recov	50.000	150.000				05/19/10
Lab ID: W10GR01176											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Decachlorobiphenyl	2051-24-3	100.79	99.500	% Recov	50.000	150.000				05/19/10
SURR	Tetrachloro-m-xylene	877-09-8	89.062	87.900	% Recov	50.000	150.000				05/19/10
Lab ID: W10GR01177											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Decachlorobiphenyl	2051-24-3	101.02	101.000	% Recov	50.000	150.000				05/19/10
SURR	Tetrachloro-m-xylene	877-09-8	93.954	94.200	% Recov	50.000	150.000				05/19/10

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20100758
Matrix: SOLID
Test: PCBs complete list

Sample Date: 05/13/10
Receive Date:05/13/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W10GR01178											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Decachlorobiphenyl	2051-24-3	101.53	101.000	% Recov	50.000	150.000				05/19/10
SURR	Tetrachloro-m-xylene	877-09-8	90.586	90.300	% Recov	50.000	150.000				05/19/10
Lab ID: W10GR01179											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Decachlorobiphenyl	2051-24-3	110.74	110.000	% Recov	50.000	150.000				05/19/10
SURR	Tetrachloro-m-xylene	877-09-8	97.662	97.000	% Recov	50.000	150.000				05/19/10
Lab ID: W10GR01180											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	Decachlorobiphenyl	2051-24-3	103.90	103.000	% Recov	50.000	150.000				05/19/10
SURR	Tetrachloro-m-xylene	877-09-8	93.506	92.800	% Recov	50.000	150.000				05/19/10
BATCH QC											
BLANK	Aroclor-1016	12674-11-2	< 5.0	n/a	UGKG					U	05/19/10
BLANK	Aroclor-1221	11104-28-2	< 10	n/a	ug/Kg					U	05/19/10
BLANK	Aroclor-1232	11141-16-5	< 5.0	n/a	ug/Kg					U	05/19/10
BLANK	Aroclor-1242	53469-21-9	< 5.0	n/a	ug/Kg					U	05/19/10
BLANK	Aroclor-1248	12672-29-6	< 5.0	n/a	ug/Kg					U	05/19/10
BLANK	Aroclor-1254	11097-69-1	< 5.0	n/a	ug/Kg					U	05/19/10
BLANK	Aroclor-1260	11096-82-5	< 5.0	n/a	ug/Kg					U	05/19/10
BLANK	Decachlorobiphenyl	2051-24-3	140.46	140.000	% Recov	50.000	150.000				05/19/10
BLANK	Tetrachloro-m-xylene	877-09-8	76.681	76.700	% Recov	50.000	150.000				05/19/10
LCS	Aroclor-1260	11096-82-5	129.11	129.000	% Recov	70.000	130.000				05/19/10
LCS	Decachlorobiphenyl	2051-24-3	134.10	134.000	% Recov	50.000	150.000				05/19/10
LCS	Tetrachloro-m-xylene	877-09-8	83.775	83.800	% Recov	50.000	150.000				05/19/10

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20100758
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

Sample Date: 05/13/10
Receive Date:05/13/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W10GR01168											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	2-Fluorophenol(Surr)	367-12-4	4202.8	97.000	% Recov	72.000	120.000				05/18/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	4369.3	101.000	% Recov	66.000	122.000				05/18/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	4538.5	105.000	% Recov	63.000	125.000				05/18/10
SURR	Phenol-d5(Surr)	4165-62-2	4306.1	99.400	% Recov	66.000	124.000				05/18/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	4731.4	109.000	% Recov	49.000	120.000				05/18/10
SURR	Terphenyl-d14(Surr)	98904-43-9	4345.0	100.000	% Recov	58.000	128.000				05/18/10
Lab ID: W10GR01169											
BATCH QC ASSOCIATED WITH SAMPLE											
MS	1,2,4-Trichlorobenzene	120-82-1	6631.9	110.000	% Recov	75.000	121.000				05/18/10
MS	1,4-Dichlorobenzene	106-46-7	6016.3	100.000	% Recov	68.000	121.000				05/18/10
MS	2,4-Dinitrotoluene	121-14-2	6150.8	102.000	% Recov	66.000	113.000				05/18/10
MS	2-Fluorophenol(Surr)	367-12-4	3738.9	93.400	% Recov	72.000	120.000				05/18/10
MS	Acenaphthene	83-32-9	5971.0	99.500	% Recov	69.000	125.000				05/18/10
MS	4-Chloro-3-methylphenol	59-50-7	6059.8	101.000	% Recov	68.000	116.000				05/18/10
MS	2-Chlorophenol	95-57-8	6043.9	101.000	% Recov	65.000	124.000				05/18/10
MS	N-Nitrosodi-n-dipropylamine	621-64-7	6295.4	105.000	% Recov	69.000	127.000				05/18/10
MS	2-Fluorobiphenyl(Surr)	321-60-8	3803.2	95.000	% Recov	66.000	122.000				05/18/10
MS	Phenol	108-95-2	5995.2	99.900	% Recov	71.000	122.000				05/18/10
MS	Nitrobenzene-d5(Surr)	4165-60-0	3762.2	94.000	% Recov	63.000	125.000				05/18/10
MS	4-Nitrophenol	100-02-7	5311.5	88.500	% Recov	55.000	113.000				05/18/10
MS	Pentachlorophenol	87-86-5	5470.6	91.100	% Recov	50.000	113.000				05/18/10
MS	Phenol-d5(Surr)	4165-62-2	3918.3	97.900	% Recov	66.000	124.000				05/18/10
MS	Pyrene	129-00-0	5465.5	91.000	% Recov	67.000	125.000				05/18/10
MS	2,4,6-Tribromophenol(Surr)	118-79-6	3846.8	96.100	% Recov	49.000	120.000				05/18/10
MS	Terphenyl-d14(Surr)	98904-43-9	3441.1	86.000	% Recov	58.000	128.000				05/18/10

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20100758
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

Sample Date: 05/13/10
Receive Date:05/13/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
MSD	1,2,4-Trichlorobenzene	120-82-1	5938.4	98.600	% Recov	75.000	121.000				05/18/10
MSD	1,4-Dichlorobenzene	106-46-7	5388.6	89.500	% Recov	68.000	121.000				05/18/10
MSD	2,4-Dinitrotoluene	121-14-2	5709.7	94.800	% Recov	66.000	113.000				05/18/10
MSD	2-Fluorophenol(Surr)	367-12-4	3544.6	88.300	% Recov	72.000	120.000				05/18/10
MSD	Acenaphthene	83-32-9	5558.2	92.300	% Recov	69.000	125.000				05/18/10
MSD	4-Chloro-3-methylphenol	59-50-7	5569.3	92.500	% Recov	68.000	116.000				05/18/10
MSD	2-Chlorophenol	95-57-8	5505.3	91.400	% Recov	65.000	124.000				05/18/10
MSD	N-Nitrosodi-n-dipropylamine	621-64-7	6002.8	99.700	% Recov	69.000	127.000				05/18/10
MSD	2-Fluorobiphenyl(Surr)	321-60-8	3510.2	87.400	% Recov	66.000	122.000				05/18/10
MSD	Phenol	108-95-2	5771.2	95.800	% Recov	71.000	122.000				05/18/10
MSD	Nitrobenzene-d5(Surr)	4165-60-0	3475.6	86.600	% Recov	63.000	125.000				05/18/10
MSD	4-Nitrophenol	100-02-7	5075.2	84.300	% Recov	55.000	113.000				05/18/10
MSD	Pentachlorophenol	87-86-5	5083.8	84.400	% Recov	50.000	113.000				05/18/10
MSD	Phenol-d5(Surr)	4165-62-2	3714.9	92.500	% Recov	66.000	124.000				05/18/10
MSD	Pyrene	129-00-0	4944.5	82.100	% Recov	67.000	125.000				05/18/10
MSD	2,4,6-Tribromophenol(Surr)	118-79-6	3735.0	93.000	% Recov	49.000	120.000				05/18/10
MSD	Terphenyl-d14(Surr)	98904-43-9	3175.0	79.100	% Recov	58.000	128.000				05/18/10
SPK-RPD	1,2,4-Trichlorobenzene	120-82-1	98.600		RPD			10.930	20.000		05/18/10
SPK-RPD	1,4-Dichlorobenzene	106-46-7	89.500		RPD			11.082	20.000		05/18/10
SPK-RPD	2,4-Dinitrotoluene	121-14-2	94.800		RPD			7.317	20.000		05/18/10
SPK-RPD	2-Fluorophenol(Surr)	367-12-4	88.300		RPD			5.614	20.000		05/18/10
SPK-RPD	Acenaphthene	83-32-9	92.300		RPD			7.508	20.000		05/18/10
SPK-RPD	4-Chloro-3-methylphenol	59-50-7	92.500		RPD			8.786	20.000		05/18/10
SPK-RPD	2-Chlorophenol	95-57-8	91.400		RPD			9.979	20.000		05/18/10
SPK-RPD	N-Nitrosodi-n-dipropylamine	621-64-7	99.700		RPD			5.178	20.000		05/18/10
SPK-RPD	2-Fluorobiphenyl(Surr)	321-60-8	87.400		RPD			8.333	20.000		05/18/10
SPK-RPD	Phenol	108-95-2	95.800		RPD			4.190	20.000		05/18/10
SPK-RPD	Nitrobenzene-d5(Surr)	4165-60-0	86.600		RPD			8.195	20.000		05/18/10
SPK-RPD	4-Nitrophenol	100-02-7	84.300		RPD			4.861	20.000		05/18/10
SPK-RPD	Pentachlorophenol	87-86-5	84.400		RPD			7.635	20.000		05/18/10

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20100758
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

Sample Date: 05/13/10
Receive Date:05/13/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
SPK-RPD	Phenol-d5(Surr)	4165-62-2	92.500		RPD			5.672	20.000		05/18/10
SPK-RPD	Pyrene	129-00-0	82.100		RPD			10.283	20.000		05/18/10
SPK-RPD	2,4,6-Tribromophenol(Surr)	118-79-6	93.000		RPD			3.279	20.000		05/18/10
SPK-RPD	Terphenyl-d14(Surr)	98904-43-9	79.100		RPD			8.359	20.000		05/18/10
SURR	2-Fluorophenol(Surr)	367-12-4	3836.7	95.500	% Recov	72.000	120.000				05/18/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	3435.9	85.500	% Recov	66.000	122.000				05/18/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	3595.9	89.500	% Recov	63.000	125.000				05/18/10
SURR	Phenol-d5(Surr)	4165-62-2	3612.0	89.900	% Recov	66.000	124.000				05/18/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	3466.6	86.300	% Recov	49.000	120.000				05/18/10
SURR	Terphenyl-d14(Surr)	98904-43-9	3209.2	79.900	% Recov	58.000	128.000				05/18/10

Lab ID: W10GR01170
BATCH QC ASSOCIATED WITH SAMPLE

SURR	2-Fluorophenol(Surr)	367-12-4	3611.2	89.500	% Recov	72.000	120.000				05/18/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	3325.4	82.400	% Recov	66.000	122.000				05/18/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	3467.6	86.000	% Recov	63.000	125.000				05/18/10
SURR	Phenol-d5(Surr)	4165-62-2	3361.8	83.300	% Recov	66.000	124.000				05/18/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	3705.7	91.900	% Recov	49.000	120.000				05/18/10
SURR	Terphenyl-d14(Surr)	98904-43-9	3212.7	79.600	% Recov	58.000	128.000				05/18/10

Lab ID: W10GR01171
BATCH QC ASSOCIATED WITH SAMPLE

SURR	2-Fluorophenol(Surr)	367-12-4	3079.5	76.200	% Recov	72.000	120.000				05/18/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	3386.5	83.800	% Recov	66.000	122.000				05/18/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	3389.4	83.800	% Recov	63.000	125.000				05/18/10
SURR	Phenol-d5(Surr)	4165-62-2	3473.8	85.900	% Recov	66.000	124.000				05/18/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	3443.9	85.200	% Recov	49.000	120.000				05/18/10
SURR	Terphenyl-d14(Surr)	98904-43-9	3043.2	75.300	% Recov	58.000	128.000				05/18/10

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20100758
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

Sample Date: 05/13/10
Receive Date:05/13/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W10GR01172											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	2-Fluorophenol(Surr)	367-12-4	3410.2	83.700	% Recov	72.000	120.000				05/18/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	3271.6	80.300	% Recov	66.000	122.000				05/18/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	3416.2	83.900	% Recov	63.000	125.000				05/18/10
SURR	Phenol-d5(Surr)	4165-62-2	3404.4	83.600	% Recov	66.000	124.000				05/18/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	3194.1	78.400	% Recov	49.000	120.000				05/18/10
SURR	Terphenyl-d14(Surr)	98904-43-9	3153.4	77.400	% Recov	58.000	128.000				05/18/10
Lab ID: W10GR01173											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	2-Fluorophenol(Surr)	367-12-4	4057.7	99.900	% Recov	72.000	120.000				05/18/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	3787.6	93.300	% Recov	66.000	122.000				05/18/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	3827.4	94.300	% Recov	63.000	125.000				05/18/10
SURR	Phenol-d5(Surr)	4165-62-2	3904.3	96.200	% Recov	66.000	124.000				05/18/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	3863.8	95.200	% Recov	49.000	120.000				05/18/10
SURR	Terphenyl-d14(Surr)	98904-43-9	3864.9	95.200	% Recov	58.000	128.000				05/18/10
Lab ID: W10GR01174											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	2-Fluorophenol(Surr)	367-12-4	3799.0	92.700	% Recov	72.000	120.000				05/18/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	3761.8	91.800	% Recov	66.000	122.000				05/18/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	3947.3	96.300	% Recov	63.000	125.000				05/18/10
SURR	Phenol-d5(Surr)	4165-62-2	3863.8	94.300	% Recov	66.000	124.000				05/18/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	3695.0	90.200	% Recov	49.000	120.000				05/18/10
SURR	Terphenyl-d14(Surr)	98904-43-9	3885.4	94.800	% Recov	58.000	128.000				05/18/10
Lab ID: W10GR01175											
BATCH QC ASSOCIATED WITH SAMPLE											

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20100758
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

Sample Date: 05/13/10
Receive Date:05/13/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
SURR	2-Fluorophenol(Surr)	367-12-4	3662.1	89.000	% Recov	72.000	120.000				05/18/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	3601.8	87.500	% Recov	66.000	122.000				05/18/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	0.00	0.000	% Recov	63.000	125.000				05/18/10
SURR	Phenol-d5(Surr)	4165-62-2	3685.8	89.600	% Recov	66.000	124.000				05/18/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	3480.2	84.600	% Recov	49.000	120.000				05/18/10
SURR	Terphenyl-d14(Surr)	98904-43-9	3561.4	86.600	% Recov	58.000	128.000				05/18/10

Lab ID: W10GR01176
BATCH QC ASSOCIATED WITH SAMPLE

SURR	2-Fluorophenol(Surr)	367-12-4	3649.7	90.000	% Recov	72.000	120.000				05/18/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	3465.7	85.400	% Recov	66.000	122.000				05/18/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	3677.6	90.700	% Recov	63.000	125.000				05/18/10
SURR	Phenol-d5(Surr)	4165-62-2	3681.0	90.700	% Recov	66.000	124.000				05/18/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	3253.6	80.200	% Recov	49.000	120.000				05/18/10
SURR	Terphenyl-d14(Surr)	98904-43-9	3507.9	86.500	% Recov	58.000	128.000				05/18/10

Lab ID: W10GR01177
BATCH QC ASSOCIATED WITH SAMPLE

SURR	2-Fluorophenol(Surr)	367-12-4	3969.9	98.100	% Recov	72.000	120.000				05/18/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	3850.9	95.100	% Recov	66.000	122.000				05/18/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	3870.2	95.600	% Recov	63.000	125.000				05/18/10
SURR	Phenol-d5(Surr)	4165-62-2	3802.6	93.900	% Recov	66.000	124.000				05/18/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	3481.2	86.000	% Recov	49.000	120.000				05/18/10
SURR	Terphenyl-d14(Surr)	98904-43-9	3827.6	94.500	% Recov	58.000	128.000				05/18/10

Lab ID: W10GR01178
BATCH QC ASSOCIATED WITH SAMPLE

SURR	2-Fluorophenol(Surr)	367-12-4	3964.1	98.200	% Recov	72.000	120.000				05/18/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	3943.6	97.700	% Recov	66.000	122.000				05/18/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	3966.8	98.300	% Recov	63.000	125.000				05/18/10

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20100758
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

Sample Date: 05/13/10
Receive Date:05/13/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
SURR	Phenol-d5(Surr)	4165-62-2	3913.1	97.000	% Recov	66.000	124.000				05/18/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	3679.4	91.200	% Recov	49.000	120.000				05/18/10
SURR	Terphenyl-d14(Surr)	98904-43-9	3951.5	97.900	% Recov	58.000	128.000				05/18/10
Lab ID: W10GR01179											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	2-Fluorophenol(Surr)	367-12-4	3963.3	98.000	% Recov	72.000	120.000				05/18/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	3882.3	96.000	% Recov	66.000	122.000				05/18/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	3951.3	97.700	% Recov	63.000	125.000				05/18/10
SURR	Phenol-d5(Surr)	4165-62-2	4024.0	99.500	% Recov	66.000	124.000				05/18/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	3805.4	94.100	% Recov	49.000	120.000				05/18/10
SURR	Terphenyl-d14(Surr)	98904-43-9	3833.5	94.800	% Recov	58.000	128.000				05/18/10
Lab ID: W10GR01180											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	2-Fluorophenol(Surr)	367-12-4	3755.5	93.000	% Recov	72.000	120.000				05/18/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	3638.5	90.100	% Recov	66.000	122.000				05/18/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	3777.8	93.500	% Recov	63.000	125.000				05/18/10
SURR	Phenol-d5(Surr)	4165-62-2	3568.5	88.300	% Recov	66.000	124.000				05/18/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	3826.6	94.700	% Recov	49.000	120.000				05/18/10
SURR	Terphenyl-d14(Surr)	98904-43-9	3727.3	92.300	% Recov	58.000	128.000				05/18/10
BATCH QC											
BLANK	1,2,4-Trichlorobenzene	120-82-1	< 150	n/a	ug/Kg					U	05/18/10
BLANK	1,4-Dichlorobenzene	106-46-7	< 250	n/a	ug/Kg					U	05/18/10
BLANK	2,4-Dinitrotoluene	121-14-2	< 150	n/a	ug/Kg					U	05/18/10
BLANK	2-Fluorophenol(Surr)	367-12-4	3976.0	99.400	% Recov	72.000	120.000				05/18/10
BLANK	Acenaphthene	83-32-9	< 150	n/a	ug/Kg					U	05/18/10
BLANK	Acenaphthylene	208-96-8	< 150	n/a	ug/Kg					U	05/18/10
BLANK	Anthracene	120-12-7	< 150	n/a	ug/Kg					U	05/18/10

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20100758
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
BLANK	Benzo(a)anthracene	56-55-3	< 150	n/a	ug/Kg					U	05/18/10
BLANK	Benzo(b)fluoranthene	205-99-2	< 200	n/a	ug/Kg					U	05/18/10
BLANK	Benzo(ghi)perylene	191-24-2	< 320	n/a	ug/Kg					U	05/18/10
BLANK	Benzo(a)pyrene	50-32-8	< 230	n/a	ug/Kg					U	05/18/10
BLANK	Benzo(k)fluoranthene	207-08-9	< 200	n/a	ug/Kg					U	05/18/10
BLANK	4-Chloro-3-methylphenol	59-50-7	< 150	n/a	ug/Kg					U	05/18/10
BLANK	2-Chlorophenol	95-57-8	< 150	n/a	ug/Kg					U	05/18/10
BLANK	Chrysene	218-01-9	< 150	n/a	ug/Kg					U	05/18/10
BLANK	Dibenz[a,h]anthracene	53-70-3	< 330	n/a	ug/Kg					U	05/18/10
BLANK	N-Nitrosodi-n-dipropylamine	621-64-7	< 150	n/a	ug/Kg					U	05/18/10
BLANK	2-Fluorobiphenyl(Surr)	321-60-8	3759.5	94.000	% Recov	66.000	122.000				05/18/10
BLANK	Fluorene	86-73-7	< 150	n/a	ug/Kg					U	05/18/10
BLANK	Fluoranthene	206-44-0	< 150	n/a	ug/Kg					U	05/18/10
BLANK	Indeno(1,2,3-cd)pyrene	193-39-5	< 330	n/a	ug/Kg					U	05/18/10
BLANK	Phenol	108-95-2	< 150	n/a	ug/Kg					U	05/18/10
BLANK	Naphthalene	91-20-3	< 150	n/a	ug/Kg					U	05/18/10
BLANK	Nitrobenzene-d5(Surr)	4165-60-0	3750.9	93.800	% Recov	63.000	125.000				05/18/10
BLANK	4-Nitrophenol	100-02-7	< 330	n/a	ug/Kg					U	05/18/10
BLANK	Pentachlorophenol	87-86-5	< 400	n/a	ug/Kg					U	05/18/10
BLANK	Phenanthrene	85-01-8	< 150	n/a	ug/Kg					U	05/18/10
BLANK	Phenol-d5(Surr)	4165-62-2	3888.5	97.200	% Recov	66.000	124.000				05/18/10
BLANK	Pyrene	129-00-0	< 150	n/a	ug/Kg					U	05/18/10
BLANK	2,4,6-Tribromophenol(Surr)	118-79-6	3577.0	89.400	% Recov	49.000	120.000				05/18/10
BLANK	Terphenyl-d14(Surr)	98904-43-9	3549.0	88.700	% Recov	58.000	128.000				05/18/10
LCS	1,2,4-Trichlorobenzene	120-82-1	6199.7	103.000	% Recov	76.000	118.000				05/18/10
LCS	1,4-Dichlorobenzene	106-46-7	5659.7	94.300	% Recov	68.000	121.000				05/18/10
LCS	2,4-Dinitrotoluene	121-14-2	5870.2	97.800	% Recov	68.000	112.000				05/18/10
LCS	2-Fluorophenol(Surr)	367-12-4	3505.3	87.600	% Recov	50.000	110.000				05/18/10
LCS	Acenaphthene	83-32-9	5717.1	95.300	% Recov	75.000	121.000				05/18/10
LCS	4-Chloro-3-methylphenol	59-50-7	5470.6	91.200	% Recov	68.000	117.000				05/18/10

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20100758
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
LCS	2-Chlorophenol	95-57-8	5730.0	95.500	% Recov	84.000	114.000				05/18/10
LCS	N-Nitrosodi-n-dipropylamine	621-64-7	6050.7	101.000	% Recov	76.000	119.000				05/18/10
LCS	2-Fluorobiphenyl(Surr)	321-60-8	3758.8	94.000	% Recov	58.000	109.000				05/18/10
LCS	Phenol	108-95-2	5669.5	94.500	% Recov	80.000	113.000				05/18/10
LCS	Nitrobenzene-d5(Surr)	4165-60-0	3678.0	92.000	% Recov	60.000	118.000				05/18/10
LCS	4-Nitrophenol	100-02-7	5177.4	86.300	% Recov	42.000	123.000				05/18/10
LCS	Pentachlorophenol	87-86-5	5440.6	90.700	% Recov	55.000	120.000				05/18/10
LCS	Phenol-d5(Surr)	4165-62-2	3717.3	92.900	% Recov	59.000	116.000				05/18/10
LCS	Pyrene	129-00-0	5398.3	90.000	% Recov	67.000	122.000				05/18/10
LCS	2,4,6-Tribromophenol(Surr)	118-79-6	3892.9	97.300	% Recov	60.000	120.000				05/18/10
LCS	Terphenyl-d14(Surr)	98904-43-9	3489.6	87.200	% Recov	60.000	120.000				05/18/10

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20100758
Matrix: SOLID
Test: VOA Ground Water Protection

Sample Date: 05/07/10
Receive Date:05/07/10

Lab ID: W10GR01099
BATCH QC ASSOCIATED WITH SAMPLE

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
MS	1,1-Dichloroethene	75-35-4	28.660	97.100	% Recov	63.000	117.000				05/16/10
MS	Benzene	71-43-2	27.700	93.900	% Recov	75.000	129.000				05/16/10
MS	4-Bromofluorobenzene(Surr)	460-00-4	59.440	101.000	% Recov	75.000	125.000				05/16/10
MS	Chlorobenzene	108-90-7	29.320	99.300	% Recov	79.000	119.000				05/16/10
MS	1,2-Dichloroethane-d4(Surr)	17060-07-0	68.690	116.000	% Recov	75.000	125.000				05/16/10
MS	Toluene-d8(Surr)	2037-26-5	58.400	98.900	% Recov	75.000	125.000				05/16/10
MS	Toluene	108-88-3	28.370	96.100	% Recov	76.000	120.000				05/16/10
MS	Trichloroethene	79-01-6	28.850	97.700	% Recov	73.000	123.000				05/16/10
MSD	1,1-Dichloroethene	75-35-4	23.340	83.100	% Recov	63.000	117.000				05/17/10
MSD	Benzene	71-43-2	30.150	107.000	% Recov	75.000	129.000				05/17/10
MSD	4-Bromofluorobenzene(Surr)	460-00-4	55.340	98.500	% Recov	75.000	125.000				05/17/10
MSD	Chlorobenzene	108-90-7	30.440	108.000	% Recov	79.000	119.000				05/17/10
MSD	1,2-Dichloroethane-d4(Surr)	17060-07-0	62.850	112.000	% Recov	75.000	125.000				05/17/10
MSD	Toluene-d8(Surr)	2037-26-5	58.560	104.000	% Recov	75.000	125.000				05/17/10
MSD	Toluene	108-88-3	29.200	104.000	% Recov	76.000	120.000				05/17/10
MSD	Trichloroethene	79-01-6	25.920	92.200	% Recov	73.000	123.000				05/17/10
SPK-RPD	1,1-Dichloroethene	75-35-4	83.100		RPD			15.538	20.000		05/17/10
SPK-RPD	Benzene	71-43-2	107.000		RPD			13.041	20.000		05/17/10
SPK-RPD	4-Bromofluorobenzene(Surr)	460-00-4	98.500		RPD			2.506	20.000		05/17/10
SPK-RPD	Chlorobenzene	108-90-7	108.000		RPD			8.394	20.000		05/17/10
SPK-RPD	1,2-Dichloroethane-d4(Surr)	17060-07-0	112.000		RPD			3.509	20.000		05/17/10
SPK-RPD	Toluene-d8(Surr)	2037-26-5	104.000		RPD			5.027	20.000		05/17/10
SPK-RPD	Toluene	108-88-3	104.000		RPD			7.896	20.000		05/17/10
SPK-RPD	Trichloroethene	79-01-6	92.200		RPD			5.793	20.000		05/17/10

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20100758
Matrix: SOLID
Test: VOA Ground Water Protection

Sample Date: 05/13/10
Receive Date:05/13/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W10GR01168											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	56.800	91.100	% Recov	75.000	125.000				05/16/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	74.250	119.000	% Recov	75.000	125.000				05/16/10
SURR	Toluene-d8(Surr)	2037-26-5	58.080	93.200	% Recov	80.000	126.000				05/16/10
Lab ID: W10GR01169											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	46.040	83.200	% Recov	75.000	125.000				05/16/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	65.910	119.000	% Recov	75.000	125.000				05/16/10
SURR	Toluene-d8(Surr)	2037-26-5	45.650	82.500	% Recov	80.000	126.000				05/16/10
Lab ID: W10GR01170											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	55.800	89.400	% Recov	75.000	125.000				05/16/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	72.810	117.000	% Recov	75.000	125.000				05/16/10
SURR	Toluene-d8(Surr)	2037-26-5	60.660	97.200	% Recov	80.000	126.000				05/16/10
Lab ID: W10GR01171											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	43.870	89.500	% Recov	75.000	125.000				05/16/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	56.320	115.000	% Recov	75.000	125.000				05/16/10
SURR	Toluene-d8(Surr)	2037-26-5	49.900	102.000	% Recov	80.000	126.000				05/16/10
Lab ID: W10GR01172											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	37.520	100.000	% Recov	75.000	125.000				05/16/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	43.790	117.000	% Recov	75.000	125.000				05/16/10
SURR	Toluene-d8(Surr)	2037-26-5	36.750	97.900	% Recov	80.000	126.000				05/16/10

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20100758
Matrix: SOLID
Test: VOA Ground Water Protection

Sample Date: 05/13/10
Receive Date:05/13/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W10GR01173											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	43.130	93.600	% Recov	75.000	125.000				05/16/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	54.130	118.000	% Recov	75.000	125.000				05/16/10
SURR	Toluene-d8(Surr)	2037-26-5	45.820	99.500	% Recov	80.000	126.000				05/16/10
Lab ID: W10GR01174											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	44.720	95.600	% Recov	75.000	125.000				05/16/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	55.810	119.000	% Recov	75.000	125.000				05/16/10
SURR	Toluene-d8(Surr)	2037-26-5	46.410	99.200	% Recov	80.000	126.000				05/16/10
Lab ID: W10GR01175											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	38.280	95.500	% Recov	75.000	125.000				05/16/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	46.660	116.000	% Recov	75.000	125.000				05/16/10
SURR	Toluene-d8(Surr)	2037-26-5	39.760	99.200	% Recov	80.000	126.000				05/16/10
BATCH QC											
BLANK	1,1-Dichloroethene	75-35-4	< 1.0	n/a	ug/Kg					U	05/16/10
BLANK	Benzene	71-43-2	< 1.0	n/a	ug/Kg					U	05/16/10
BLANK	4-Bromofluorobenzene(Surr)	460-00-4	51.180	102.000	% Recov	75.000	125.000				05/16/10
BLANK	Carbon tetrachloride	56-23-5	< 1.0	n/a	ug/Kg					U	05/16/10
BLANK	Chlorobenzene	108-90-7	< 1.0	n/a	ug/Kg					U	05/16/10
BLANK	1,2-Dichloroethane-d4(Surr)	17060-07-0	59.170	118.000	% Recov	75.000	125.000				05/16/10
BLANK	Toluene-d8(Surr)	2037-26-5	49.700	99.400	% Recov	80.000	126.000				05/16/10
BLANK	Toluene	108-88-3	< 1.0	n/a	ug/Kg					U	05/16/10
BLANK	Trichloroethene	79-01-6	< 0.20	n/a	ug/Kg					U	05/16/10
LCS	1,1-Dichloroethene	75-35-4	24.320	97.300	% Recov	75.000	125.000				05/16/10

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20100758
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
LCS	Benzene	71-43-2	25.250	101.000	% Recov	75.000	125.000				05/16/10
LCS	4-Bromofluorobenzene(Surr)	460-00-4	51.780	104.000	% Recov	75.000	125.000				05/16/10
LCS	Chlorobenzene	108-90-7	25.940	104.000	% Recov	75.000	125.000				05/16/10
LCS	1,2-Dichloroethane-d4(Surr)	17060-07-0	57.110	114.000	% Recov	75.000	125.000				05/16/10
LCS	Toluene-d8(Surr)	2037-26-5	49.330	98.700	% Recov	80.000	126.000				05/16/10
LCS	Toluene	108-88-3	25.200	101.000	% Recov	75.000	125.000				05/16/10
LCS	Trichloroethene	79-01-6	25.650	103.000	% Recov	75.000	125.000				05/16/10

Lab ID: W10GR01176
BATCH QC ASSOCIATED WITH SAMPLE

MS	1,1-Dichloroethene	75-35-4	20.320	86.100	% Recov	63.000	117.000				05/17/10
MS	Benzene	71-43-2	24.420	103.000	% Recov	75.000	129.000				05/17/10
MS	4-Bromofluorobenzene(Surr)	460-00-4	46.140	97.700	% Recov	75.000	125.000				05/17/10
MS	Chlorobenzene	108-90-7	25.840	109.000	% Recov	79.000	119.000				05/17/10
MS	1,2-Dichloroethane-d4(Surr)	17060-07-0	55.200	117.000	% Recov	75.000	125.000				05/17/10
MS	Toluene-d8(Surr)	2037-26-5	47.850	101.000	% Recov	75.000	125.000				05/17/10
MS	Toluene	108-88-3	23.520	99.600	% Recov	76.000	120.000				05/17/10
MS	Trichloroethene	79-01-6	22.310	94.500	% Recov	73.000	123.000				05/17/10
MSD	1,1-Dichloroethene	75-35-4	19.470	87.500	% Recov	63.000	117.000				05/17/10
MSD	Benzene	71-43-2	23.710	107.000	% Recov	75.000	129.000				05/17/10
MSD	4-Bromofluorobenzene(Surr)	460-00-4	40.610	91.300	% Recov	75.000	125.000				05/17/10
MSD	Chlorobenzene	108-90-7	25.150	113.000	% Recov	79.000	119.000				05/17/10
MSD	1,2-Dichloroethane-d4(Surr)	17060-07-0	52.180	117.000	% Recov	75.000	125.000				05/17/10
MSD	Toluene-d8(Surr)	2037-26-5	44.560	100.000	% Recov	75.000	125.000				05/17/10
MSD	Toluene	108-88-3	22.660	102.000	% Recov	76.000	120.000				05/17/10
MSD	Trichloroethene	79-01-6	22.530	101.000	% Recov	73.000	123.000				05/17/10
SPK-RPD	1,1-Dichloroethene	75-35-4	87.500		RPD			1.613	20.000		05/17/10
SPK-RPD	Benzene	71-43-2	107.000		RPD			3.810	20.000		05/17/10
SPK-RPD	4-Bromofluorobenzene(Surr)	460-00-4	91.300		RPD			6.772	20.000		05/17/10
SPK-RPD	Chlorobenzene	108-90-7	113.000		RPD			3.604	20.000		05/17/10

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20100758
Matrix: SOLID
Test: VOA Ground Water Protection

Sample Date: 05/13/10
Receive Date:05/13/10

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	117.000		RPD			0.000	20.000		05/17/10
SPK-RPD	Toluene-d8(Surr)	2037-26-5	100.000		RPD			0.995	20.000		05/17/10
SPK-RPD	Toluene	108-88-3	102.000		RPD			2.381	20.000		05/17/10
SPK-RPD	Trichloroethene	79-01-6	101.000		RPD			6.650	20.000		05/17/10
SURR	4-Bromofluorobenzene(Surr)	460-00-4	47.490	95.300	% Recov	75.000	125.000				05/17/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	57.400	115.000	% Recov	75.000	125.000				05/17/10
SURR	Toluene-d8(Surr)	2037-26-5	50.220	101.000	% Recov	80.000	126.000				05/17/10
Lab ID: W10GR01177											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	47.820	93.700	% Recov	75.000	125.000				05/17/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	58.370	114.000	% Recov	75.000	125.000				05/17/10
SURR	Toluene-d8(Surr)	2037-26-5	52.560	103.000	% Recov	80.000	126.000				05/17/10
Lab ID: W10GR01178											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	51.140	95.800	% Recov	75.000	125.000				05/17/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	59.320	111.000	% Recov	75.000	125.000				05/17/10
SURR	Toluene-d8(Surr)	2037-26-5	56.180	105.000	% Recov	80.000	126.000				05/17/10
Lab ID: W10GR01179											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	44.040	97.000	% Recov	75.000	125.000				05/17/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	54.060	119.000	% Recov	75.000	125.000				05/17/10
SURR	Toluene-d8(Surr)	2037-26-5	46.550	103.000	% Recov	80.000	126.000				05/17/10
Lab ID: W10GR01180											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	48.120	96.900	% Recov	75.000	125.000				05/17/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	58.740	118.000	% Recov	75.000	125.000				05/17/10

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20100758
Matrix: SOLID
Test: VOA Ground Water Protection

Sample Date: 05/13/10
Receive Date:05/13/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
SURR	Toluene-d8(Surr)	2037-26-5	50.170	101.000	% Recov	80.000	126.000				05/17/10
BATCH QC											
BLANK	1,1-Dichloroethene	75-35-4	< 1.0	n/a	ug/Kg					U	05/16/10
BLANK	Benzene	71-43-2	< 1.0	n/a	ug/Kg					U	05/16/10
BLANK	4-Bromofluorobenzene(Surr)	460-00-4	51.180	102.000	% Recov	75.000	125.000				05/16/10
BLANK	Carbon tetrachloride	56-23-5	< 1.0	n/a	ug/Kg					U	05/16/10
BLANK	Chlorobenzene	108-90-7	< 1.0	n/a	ug/Kg					U	05/16/10
BLANK	1,2-Dichloroethane-d4(Surr)	17060-07-0	59.170	118.000	% Recov	75.000	125.000				05/16/10
BLANK	Toluene-d8(Surr)	2037-26-5	49.700	99.400	% Recov	80.000	126.000				05/16/10
BLANK	Toluene	108-88-3	< 1.0	n/a	ug/Kg					U	05/16/10
BLANK	Trichloroethene	79-01-6	< 0.20	n/a	ug/Kg					U	05/16/10
LCS	1,1-Dichloroethene	75-35-4	24.320	97.300	% Recov	75.000	125.000				05/16/10
LCS	Benzene	71-43-2	25.250	101.000	% Recov	75.000	125.000				05/16/10
LCS	4-Bromofluorobenzene(Surr)	460-00-4	51.780	104.000	% Recov	75.000	125.000				05/16/10
LCS	Chlorobenzene	108-90-7	25.940	104.000	% Recov	75.000	125.000				05/16/10
LCS	1,2-Dichloroethane-d4(Surr)	17060-07-0	57.110	114.000	% Recov	75.000	125.000				05/16/10
LCS	Toluene-d8(Surr)	2037-26-5	49.330	98.700	% Recov	80.000	126.000				05/16/10
LCS	Toluene	108-88-3	25.200	101.000	% Recov	75.000	125.000				05/16/10
LCS	Trichloroethene	79-01-6	25.650	103.000	% Recov	75.000	125.000				05/16/10

WSCF
ANALYTICAL COMMENT REPORT

Attention: Steve Trent
Project Number F10-202

Group #: WSCF20100758
Department: Organic

Sample #	Client ID	Lab Area	Test	Comment
		VALGROUP		ICP-MS- MSD Manganese more than 4 times the spike amount. Spike information not valid. X flag. ICP-AES: Estimated boron result due to iron interference; "E" flag. ORGANICS: Sample concentrations corrected for moisture and reported dry weight basis. gar TPHD - Samples W10GR01168, 1179, 1181, 1182, 1183: Diesel result contains concentrations of compounds which co-elute between diesel and motor oil range. DTS PCB - Matrix Spike RPD within laboratory control limits for Aroclor 1260 and DCB surrogate but marked as out by the LIMS They are within the current limits of <30%, but greater than the old limits of 20%.gar Hexavalent Chromium IMS recovery was 72%. Possible Matrix interference. JPW

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

This report may not be reproduced, except in its entirety without the written approval of the WSCF Laboratory.

REVISION 1

42100-SLF-10-198

ATTACHMENT 4

SAMPLE RECEIPT INFORMATION

Consisting of 42 pages
Including cover page

REVISION 1

Waste Sampling and Characterization Facility
P.O. BOX 1970 S3-30, Richland, WA 99352
PHONE: (509) 373-7004/FAX: (509) 373-7134

File
05/21/10
tab

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Groundwater Remediation Program

Richland, WA 99354
Attn: Steve Trent

Customer Code: GPP
PO#: 401328/ES20
Group#: 20100758
Project#: F10-202
Proj Mgr: Steve Trent
Phone: 373-5869

The following samples were received from you on 05/13/10. 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
W10GR01168	B25KL5	GPP @2008 @TPHD-WA @GPP6010 @VOA-GPP @IC-30 CR+6 @PCBGPP PERSOLID @SVOCGPP	Solid, or handle as if solid	05/13/10
W10GR01169	B25KL6	GPP @2008 @TPHD-WA @GPP6010 @VOA-GPP @IC-30 CR+6 @PCBGPP PERSOLID @SVOCGPP	Solid, or handle as if solid	05/13/10
W10GR01170	B25KL8	GPP @2008 @TPHD-WA @GPP6010 @VOA-GPP @IC-30 CR+6 @PCBGPP PERSOLID @SVOCGPP	Solid, or handle as if solid	05/13/10
W10GR01171	B25KL9	GPP @2008 @TPHD-WA @GPP6010 @VOA-GPP @IC-30 CR+6 @PCBGPP PERSOLID @SVOCGPP	Solid, or handle as if solid	05/13/10
W10GR01172	B25KM0	GPP @2008 @TPHD-WA @GPP6010 @VOA-GPP @IC-30 CR+6 @PCBGPP PERSOLID @SVOCGPP	Solid, or handle as if solid	05/13/10
W10GR01173	B25KM1	GPP @2008 @TPHD-WA @GPP6010 @VOA-GPP @IC-30 CR+6 @PCBGPP PERSOLID @SVOCGPP	Solid, or handle as if solid	05/13/10
W10GR01174	B25KM2	GPP @2008 @TPHD-WA @GPP6010 @VOA-GPP @IC-30 CR+6 @PCBGPP PERSOLID @SVOCGPP	Solid, or handle as if solid	05/13/10
W10GR01175	B25KM3	GPP @2008 @TPHD-WA @GPP6010 @VOA-GPP @IC-30 CR+6 @PCBGPP PERSOLID @SVOCGPP	Solid, or handle as if solid	05/13/10
W10GR01176	B25KM4	GPP @2008 @TPHD-WA @GPP6010 @VOA-GPP @IC-30 CR+6 @PCBGPP PERSOLID @SVOCGPP	Solid, or handle as if solid	05/13/10
W10GR01177	B25KM5	GPP @2008 @TPHD-WA @GPP6010 @VOA-GPP @IC-30 CR+6 @PCBGPP PERSOLID @SVOCGPP	Solid, or handle as if solid	05/13/10

Groundwater Remediation Program

Richland, WA 99354
Attn: Steve Trent

Customer Code: GPP
PO#: 401328/ES20
Group#: 20100758
Project#: F10-202
Proj Mgr: Steve Trent
Phone: 373-5869

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
W10GR01178	B25KM6	GPP @2008 @GPP6010 @IC-30 @PCBGPP @SVOCGPP @TPHD-WA @VOA-GPP CR+6 PERSOLID	Solid, or handle as if solid	05/13/10
W10GR01179	B25KM7	GPP @2008 @GPP6010 @IC-30 @PCBGPP @SVOCGPP @TPHD-WA @VOA-GPP CR+6 PERSOLID	Solid, or handle as if solid	05/13/10
W10GR01180	B25KM8	GPP @2008 @GPP6010 @IC-30 @PCBGPP @SVOCGPP @TPHD-WA @VOA-GPP CR+6 PERSOLID	Solid, or handle as if solid	05/13/10

Test Acronym Description

Test Acronym	Description
@2008	ICP-200.8 MS All possible meta
@GPP6010	ICP Metals Analysis, Grd H20 P
@IC-30	Anions by Ion Chromatography
@PCBGPP	PCBs complete list
@SVOCGPP	SW-846 8270C Semi-Vols
@TPHD-WA	NWTPH-D TPH Diesel Range (Wa)
@VOA-GPP	VOA Ground Water Protection
CR+6	Hexavalent chromium
PERSOLID	Percent Solids

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-202-001 PAGE 1 OF 2

COLLECTOR: KB Hulse CHPRC	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL
SAMPLING LOCATION: OCSA IZ-1 ZPC 2	PROJECT DESIGNATION: OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -		SAF NO.: F10-202
ICE CHEST NO.: GWS-168	FIELD LOGBOOK NO.: HNF-N-507-8.79	ACTUAL SAMPLE DEPTH: Surface	COA: 302221ES10
SHIPPED TO: Waste Sampling & Characterization 20100758	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

PRICE CODE: 8B

AIR QUALITY: ☐

DATA TURNAROUND: 7 Days / 15 Days

METHOD OF SHIPMENT: GOVERNMENT VEHICLE

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

POSSIBLE SAMPLE HAZARDS/ REMARKS: Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool <-7C and >-20C	Cool~4C	Cool~4C	Cool~4C	Cool~4C	Cool~4C
HOLDING TIME	14 Days	14/40 Days	6 Months	30 Days	365/365 Days	28 Days/48 Hours
TYPE OF CONTAINER	aGs	aG	G/P	G/P	aG	G/P
NO. OF CONTAINER(S)	5	1	1	1	1	1
VOLUME	40mL	250mL	250mL	60mL	250mL	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS VOA	SEE ITEM (2) IN SPECIAL INSTRUCTIONS SVOA TPHD	SEE ITEM (3) IN SPECIAL INSTRUCTIONS 6010 2007	Chromium Hex - 7196;	SEE ITEM (4) IN SPECIAL INSTRUCTIONS PCB	IC Anions - 300.0 (Nitrogen in Nitrate);

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME						
B25KL5	SOIL	MAY 13 2010	1240	/	/	/	/	/	/

W10GR01168

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
KB Hulse CHPRC [signature]	MAY 13 2010 1415	M D Kessler [signature]	MAY 13 2010 1415

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS

ORIGINAL

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

REVISION 1

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-202-001

COLLECTOR KB Huise CHPRC	**COMPANY CONTACT** WIDRIG, DL	**TELEPHONE NO.** 376-2858	**PROJECT COORDINATOR** WIDRIG, DL
SAMPLING LOCATION OCSA IZ-1 ZPC 2	**PROJECT DESIGNATION** OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -		**SAF NO.** F10-202
ICE CHEST NO. GWS-168	**FIELD LOGBOOK NO.** HNF-N-507-8.79	**ACTUAL SAMPLE DEPTH** surface	**COA** 302221ES10
SHIPPED TO Waste Sampling & Characterization	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

PRICE CODE 8B

AIR QUALITY ☐

DATA TURNAROUND 7 Days / 15 Days

METHOD OF SHIPMENT GOVERNMENT VEHICLE

SPECIAL INSTRUCTIONS

** The CACN for all analytical work at WSCF laboratory is 401328ES20.☐** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.☐☐** All VOA samples will be collected using EPA Method 5035A.☐** VOA sample bottle sets will include 5 bottles for low level analysis.☐** The laboratory is to use one of the low level VOA bottles for moisture content determination.☐** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P for low level. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be include as part of the sample ID reported in the final data packages.☐☐** The laboratory shall report only the requested constituents of concern in all preliminary or final hardcopy data reports, or EDDs. QC results for non-requested constituents need not be reported, but samples chosen for matrix spike, and all spike compounds shall be identified in the final data report narrative. No TICs shall be reported.

(1) VOA - 5035/8260 (LOW LEVEL) {Carbon tetrachloride};

(2) Semi-VOA - 8270 (TCL) {Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, Chrysene, Dibenz[a,h]anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene}; TPH-DieselKerosene Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range};

(3) ICP Metals - 6010 (Add-On) {Boron, Lithium}; ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Manganese, Nickel, Silver, Vanadium, Zinc}; ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Selenium, Strontium, Thallium, Tin, Uranium}; 200.8_HG - ICPMS {Mercury};

(4) PCBs - 8082 {Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, Aroclor-1260};

ORIGINAL

SAMPLE RECORD SHEET

Location: OCSA 12-1 2PC2

Sampler Initials and Date: ~~KB Hulse~~ CHPRC MAY 13 2010

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B25KL5	K	No Methanol		28.96	34.58	5.62	No Methanol
	L			28.92	33.28	4.34	
	M			28.80	34.57	5.77	
	N			29.01	34.97	5.96	
B25KL5	P			28.99	34.77	5.78	

[1]Sample suffix of K, L, M, N, and P relate to low-level concentration samples and will not have any preservation beyond freezing between -7°C and -20°C.
[2]Initial weight is to include all labels, stickers, bags, spin bars (for samples with suffix K, L, M, N and P) 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]Soil weight is the vial with sample minus Initial Weight.

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-202-002

COLLECTOR: KB Hulse CHPRC	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL
PRICE CODE: 8B	DATA TURNAROUND: 7 Days / 15 Days	AIR QUALITY: ☐	
SAMPLING LOCATION: OCSA IZ-1 ZPC 3	PROJECT DESIGNATION: OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -	SAF NO.: F10-202	
ICE CHEST NO.: GWS-036	FIELD LOGBOOK NO.: HNF-N-507-879	ACTUAL SAMPLE DEPTH: surface	COA: 302221ES10
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
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool <-7C and >-20C	Cool~4C	Cool~4C	Cool~4C	Cool~4C	Cool~4C
HOLDING TIME	14 Days	14/40 Days	6 Months	30 Days	365/365 Days	28 Days/48 Hours
TYPE OF CONTAINER	aGs	aG	G/P	G/P	aG	G/P
NO. OF CONTAINER(S)	5	1	1	1	1	1
VOLUME	40mL	250mL	250mL	60mL	250mL	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	Chromium Hex - 7196;	SEE ITEM (4) IN SPECIAL INSTRUCTIONS	IC Anions - 300.0 (Nitrogen in Nitrate);

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME						
B25KL6 1169	SOIL	MAY 13 2010	1242	—	—	—	—	—	—

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
KB Hulse CHPRC	MAY 13 2010 1415	M D Kessler	MAY 13 2010 1415

SPECIAL INSTRUCTIONS
SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS

ORIGINAL

LABORATORY SECTION — RECEIVED BY — TITLE — DATE/TIME

FINAL SAMPLE DISPOSITION — DISPOSAL METHOD — DISPOSED BY — DATE/TIME

REVISION 1

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-202-002

COLLECTOR KB Hulse CHPRC	**COMPANY CONTACT** WIDRIG, DL	**TELEPHONE NO.** 376-2858	**PROJECT COORDINATOR** WIDRIG, DL	**PRICE CODE** 8B	**DATA TURNAROUND** 7 Days / 15 Days
SAMPLING LOCATION OCSA IZ-1 ZPC 3	**PROJECT DESIGNATION** OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -		**SAF NO.** F10-202	**AIR QUALITY** ☐	
ICE CHEST NO. GWS-036	**FIELD LOGBOOK NO.** ~~HNF-N-507-~~ 8.79	**ACTUAL SAMPLE DEPTH** surface	**COA** 302221ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	
SHIPPED TO Waste Sampling & Characterization	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

SPECIAL INSTRUCTIONS

** The CACN for all analytical work at WSCF laboratory is 401328ES20.☐** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.☐☐** All VOA samples will be collected using EPA Method 5035A.☐** VOA sample bottle sets will include 5 bottles for low level analysis.☐** The laboratory is to use one of the low level VOA bottles for moisture content determination.☐** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P for low level. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be include as part of the sample ID reported in the final data packages.☐☐** The laboratory shall report only the requested constituents of concern in all preliminary or final hardcopy data reports, or EDDs. QC results for non-requested constituents need not be reported, but samples chosen for matrix spike, and all spike compounds shall be identified in the final data report narrative. No TICs shall be reported.

(1) VOA - 5035/8260 (LOW LEVEL) {Carbon tetrachloride};

(2) Semi-VOA - 8270 (TCL) {Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, Chrysene, Dibenz[a,h]anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene}; TPH-DieselKerosene Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range};

(3) ICP Metals - 6010 (Add-On) {Boron, Lithium}; ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Manganese, Nickel, Silver, Vanadium, Zinc}; ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Selenium, Strontium, Thallium, Tin, Uranium}; 200.8_HG - ICPMS {Mercury};

(4) PCBs - 8082 {Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, Aroclor-1260};

ORIGINAL

REVISION 1

SAMPLE RECORD SHEET

Location: OCSA 12-1 2PC3

Sampler Initials and Date: KB Hulse CHPRC MAY 13 2010

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B25KL6	K	No Methanol		28.98	33.69	4.71	No Methanol
	L			28.91	33.47	4.56	
	M			28.81	33.36	4.55	
	N			29.02	33.37	4.35	
B25KL6	P			29.03	33.67	4.64	

[1]Sample suffix of K, L, M, N, and P relate to low-level concentration samples and will not have any preservation beyond freezing between -7°C and -20°C.
[2]Initial weight is to include all labels, stickers, bags, spin bars (for samples with suffix K, L, M, N and P) 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]Soil weight is the vial with sample minus Initial Weight.

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-202-004

COLLECTOR: KB Hulse CHPRC	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL
PRICE CODE: 8B	AIR QUALITY: ☐	DATA TURNAROUND: 7 Days / 15 Days	
SAMPLING LOCATION: OCSA IZ-6 ZPC 2	PROJECT DESIGNATION: OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -	SAF NO.: F10-202	
ICE CHEST NO.: G05-168	FIELD LOGBOOK NO.: HNF-N-507-8-79	ACTUAL SAMPLE DEPTH: Surface	COA: 302221ES10
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
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

SAMPLE ANALYSIS						
PRESERVATION	Cool <-7C and >-20C	Cool~4C	Cool~4C	Cool~4C	Cool~4C	Cool~4C
HOLDING TIME	14 Days	14/40 Days	6 Months	30 Days	365/365 Days	28 Days/48 Hours
TYPE OF CONTAINER	aGs	aG	G/P	G/P	aG	G/P
NO. OF CONTAINER(S)	5	1	1	1	1	1
VOLUME	40mL	250mL	250mL	60mL	250mL	120mL
	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	Chromium Hex - 7196;	SEE ITEM (4) IN SPECIAL INSTRUCTIONS	IC Anions - 300.0 (Nitrogen in Nitrate);

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME						
B25KL8 1170	SOIL	MAY 13 2010	1115						

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
KB Hulse CHPRC	MAY 13 2010 1415	M D Kessler	MAY 13 2010 1415

SPECIAL INSTRUCTIONS
SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS

ORIGINAL

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

REVISION 1

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F10-202-004	PAGE 2 OF 2
COLLECTOR KB Hulse CHPRC	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8B	DATA TURNAROUND 7 Days / 15 Days
SAMPLING LOCATION OCSA IZ-6 ZPC 2	PROJECT DESIGNATION OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -		SAF NO. F10-202	AIR QUALITY ☐	
ICE CHEST NO. GWS-168	FIELD LOGBOOK NO. HNF-N-507-879	ACTUAL SAMPLE DEPTH Surface	COA 302221ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO Waste Sampling & Characterization	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

SPECIAL INSTRUCTIONS

** The CACN for all analytical work at WSCF laboratory is 401328ES20.☐** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.☐☐** All VOA samples will be collected using EPA Method 5035A.☐** VOA sample bottle sets will include 5 bottles for low level analysis.☐** The laboratory is to use one of the low level VOA bottles for moisture content determination.☐** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P for low level. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be include as part of the sample ID reported in the final data packages.☐☐** The laboratory shall report only the requested constituents of concern in all preliminary or final hardcopy data reports, or EDDs. QC results for non-requested constituents need not be reported, but samples chosen for matrix spike, and all spike compounds shall be identified in the final data report narrative. No TICs shall be reported.

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(2) Semi-VOA - 8270 (TCL) {Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, Chrysene, Dibenz[a,h]anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene}; TPH-DieselKerosene Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range};

(3) ICP Metals - 6010 (Add-On) {Boron, Lithium}; ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Manganese, Nickel, Silver, Vanadium, Zinc}; ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Selenium, Strontium, Thallium, Tin, Uranium}; 200.8_HG - ICPMS {Mercury};

(4) PCBs - 8082 {Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, Aroclor-1260};

ORIGINAL

REVISION 1

SAMPLE RECORD SHEET

Location: OCSA 12-6 ZPC 2

Sampler Initials and Date: KB Hulse CHPRC MAY 13 2010

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B25K68	K	No Methanol		28.86	33.62	4.76	No Methanol
	L			28.85	32.91	4.06	
	M			29.15	34.29	5.14	
	N			29.02	34.33	5.31	
B25L8	P			29.06	33.78	4.72	

[1]Sample suffix of K, L, M, N, and P relate to low-level concentration samples and will not have any preservation beyond freezing between -7°C and -20°C.
[2]Initial weight is to include all labels, stickers, bags, spin bars (for samples with suffix K, L, M, N and P) 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]Soil weight is the vial with sample minus Initial Weight.

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-202-005

COLLECTOR: KB Hulse CHPRC	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL
SAMPLING LOCATION: OCSA IZ-6 ZPC 3-1	PROJECT DESIGNATION: OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -		SAF NO.: F10-202
ICE CHEST NO.: GWS-036	FIELD LOGBOOK NO.: HNF-N-607-8.79	ACTUAL SAMPLE DEPTH: Surface	COA: 302221ES10
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

PRICE CODE: 8B

AIR QUALITY: ☐

DATA TURNAROUND: 7 Days / 15 Days

METHOD OF SHIPMENT: GOVERNMENT VEHICLE

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

POSSIBLE SAMPLE HAZARDS/ REMARKS: Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION			Cool <-7C and >-20C	Cool~4C	Cool~4C	Cool~4C	Cool~4C	Cool~4C
HOLDING TIME			14 Days	14/40 Days	6 Months	30 Days	365/365 Days	28 Days/48 Hours
TYPE OF CONTAINER			aGs	aG	G/P	G/P	aG	G/P
NO. OF CONTAINER(S)			5	1	1	1	1	1
VOLUME			40mL	250mL	250mL	60mL	250mL	120mL
SAMPLE ANALYSIS			SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	Chromium Hex - 7196;	SEE ITEM (4) IN SPECIAL INSTRUCTIONS	IC Anions - 300.0 (Nitrogen in Nitrate);
SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME					
B25KL9	SOIL	MAY 13 2010	1100	✓	✓	✓	✓	✓	✓

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CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: KB Hulse CHPRC	DATE/TIME: MAY 13 2010 1415	RECEIVED BY/STORED IN: M D Kessler	DATE/TIME: MAY 13 2010 1415
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

SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS

ORIGINAL

REVISION 1

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

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CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-202-005

COLLECTOR: KB Hulse CHPRC	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL
SAMPLING LOCATION: OCSA IZ-6 ZPC 3-1	PROJECT DESIGNATION: OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -		SAF NO.: F10-202
ICE CHEST NO.: GW5-036	FIELD LOGBOOK NO.: HNF-N-507-8-79	ACTUAL SAMPLE DEPTH: surface	COA: 302221ES10
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

PRICE CODE: 8B

AIR QUALITY: ☐

DATA TURNAROUND: 7 Days / 15 Days

METHOD OF SHIPMENT: GOVERNMENT VEHICLE

SPECIAL INSTRUCTIONS

** The CACN for all analytical work at WSCF laboratory is 401328ES20.☐** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.☐☐** All VOA samples will be collected using EPA Method 5035A.☐** VOA sample bottle sets will include 5 bottles for low level analysis.☐** The laboratory is to use one of the low level VOA bottles for moisture content determination.☐** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P for low level. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be include as part of the sample ID reported in the final data packages.☐☐** The laboratory shall report only the requested constituents of concern in all preliminary or final hardcopy data reports, or EDDs. QC results for non-requested constituents need not be reported, but samples chosen for matrix spike, and all spike compounds shall be identified in the final data report narrative. No TICs shall be reported.

(1) VOA - 5035/8260 (LOW LEVEL) {Carbon tetrachloride};

(2) Semi-VOA - 8270 (TCL) {Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, Chrysene, Dibenz[a,h]anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene}; TPH-DieselKerosene Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range};

(3) ICP Metals - 6010 (Add-On) {Boron, Lithium}; ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Manganese, Nickel, Silver, Vanadium, Zinc}; ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Selenium, Strontium, Thallium, Tin, Uranium}; 200.8_HG - ICPMS {Mercury};

(4) PCBs - 8082 {Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, Aroclor-1260};

ORIGINAL

SAMPLE RECORD SHEET

Location: OCSA 12-62PC 3-1

Sampler Initials and Date: KB Hulse CHPRC MAY 13 2010

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B25KL9	K	No Methanol		29.04	34.54	5.50	No Methanol
	L			29.04	34.54	5.50	
	M			28.96	34.57	5.61	
	N			28.81	34.24	5.43	
B25KL9	P			28.97	34.13	5.16	

[1]Sample suffix of K, L, M, N, and P relate to low-level concentration samples and will not have any preservation beyond freezing between -7°C and -20°C.
[2]Initial weight is to include all labels, stickers, bags, spin bars (for samples with suffix K, L, M, N and P) 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]Soil weight is the vial with sample minus Initial Weight.

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-202-006

COLLECTOR: KB Hulse CHPRC

COMPANY CONTACT: WIDRIG, DL

TELEPHONE NO.: 376-2858

PROJECT COORDINATOR: WIDRIG, DL

PRICE CODE: 8B

DATA TURNAROUND: 7 Days / 15 Days

AIR QUALITY: ☐

SAMPLING LOCATION: OCSA IZ-6 ZPC 3-2

PROJECT DESIGNATION: OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -

SAF NO.: F10-202

ICE CHEST NO.: GWS-036

FIELD LOGBOOK NO.: HNF -N-507- 8.79

ACTUAL SAMPLE DEPTH: Surface

COA: 302221ES10

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: Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION		Cool <-7C and >-20C	Cool~4C	Cool~4C	Cool~4C	Cool~4C	Cool~4C
HOLDING TIME		14 Days	14/40 Days	6 Months	30 Days	365/365 Days	28 Days/48 Hours
TYPE OF CONTAINER		aGs	aG	G/P	G/P	aG	G/P
NO. OF CONTAINER(S)		5	1	1	1	1	1
VOLUME		40mL	250mL	250mL	60mL	250mL	120mL
SAMPLE ANALYSIS		SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	Chromium Hex - 7196;	SEE ITEM (4) IN SPECIAL INSTRUCTIONS	IC Anions - 300.0 (Nitrogen in Nitrate);
SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME				
B25KM0 1172	SOIL	MAY 13 2010	1035	—	—	—	—

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
KB Hulse CHPRC	MAY 13 2010 1415	M D Kessler	MAY 13 2010 1415

SPECIAL INSTRUCTIONS

SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS

ORIGINAL

LABORATORY SECTION: RECEIVED BY | TITLE | DATE/TIME

FINAL SAMPLE DISPOSITION: DISPOSAL METHOD | DISPOSED BY | DATE/TIME

REVISION 1

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F10-202-006	PAGE 2 OF 2
COLLECTOR: KB Hulse CHPRC	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL	PRICE CODE: 8B	DATA TURNAROUND: 7 Days / 15 Days
SAMPLING LOCATION: OCSA IZ-6 ZPC 3-2	PROJECT DESIGNATION: OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -		SAF NO.: F10-202	AIR QUALITY: ☐	
ICE CHEST NO.: GWS-036	FIELD LOGBOOK NO.: HNF-N-507-8.79	ACTUAL SAMPLE DEPTH: surface	COA: 302221ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE	
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A		

SPECIAL INSTRUCTIONS

** The CACN for all analytical work at WSCF laboratory is 401328ES20.☐** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.☐☐** All VOA samples will be collected using EPA Method 5035A.☐** VOA sample bottle sets will include 5 bottles for low level analysis.☐** The laboratory is to use one of the low level VOA bottles for moisture content determination.☐** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P for low level. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be include as part of the sample ID reported in the final data packages.☐☐** The laboratory shall report only the requested constituents of concern in all preliminary or final hardcopy data reports, or EDDs. QC results for non-requested constituents need not be reported, but samples chosen for matrix spike, and all spike compounds shall be identified in the final data report narrative. No TICs shall be reported.

(1) VOA - 5035/8260 (LOW LEVEL) {Carbon tetrachloride};

(2) Semi-VOA - 8270 (TCL) {Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, Chrysene, Dibenz[a,h]anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene}; TPH-DieselKerosene Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range};

(3) ICP Metals - 6010 (Add-On) {Boron, Lithium}; ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Manganese, Nickel, Silver, Vanadium, Zinc}; ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Selenium, Strontium, Thallium, Tin, Uranium}; 200.8_HG - ICPMS {Mercury};

(4) PCBs - 8082 {Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, Aroclor-1260};

ORIGINAL

SAMPLE RECORD SHEET

Location: OCSA 12-6 2PC 3-2

Sampler Initials and Date: KB Hulse CHPRC MAY 13 2010

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B25KM0	K	No Methanol		28.85	35.64	6.79	No Methanol
	L			28.94	35.00	6.06	
	M			28.91	34.74	5.83	
	N			29.30	35.60	6.30	
B25KM0	P			28.85	34.38	5.53	

[1]Sample suffix of K, L, M, N, and P relate to low-level concentration samples and will not have any preservation beyond freezing between -7°C and -20°C.
[2]Initial weight is to include all labels, stickers, bags, spin bars (for samples with suffix K, L, M, N and P) 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]Soil weight is the vial with sample minus Initial Weight.

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-202-007

COLLECTOR: KB Hulse CHPRC	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL
PRICE CODE: 8B	DATA TURNAROUND: 7 Days / 15 Days	AIR QUALITY: ☐	SAMPLING LOCATION: OCSA IZ-6 ZPC 3-3
PROJECT DESIGNATION: OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -	SAF NO.: F10-202	ICE CHEST NO.: GWS-036	FIELD LOGBOOK NO.: ~~HNF-N-507-~~ 8.79
ACTUAL SAMPLE DEPTH: Surface	COA: 302221ES10	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: Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool <-7C and >-20C	Cool~4C	Cool~4C	Cool~4C	Cool~4C	Cool~4C
HOLDING TIME	14 Days	14/40 Days	6 Months	30 Days	365/365 Days	28 Days/48 Hours
TYPE OF CONTAINER	aGs	aG	G/P	G/P	aG	G/P
NO. OF CONTAINER(S)	5	1	1	1	1	1
VOLUME	40mL	250mL	250mL	60mL	250mL	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	Chromium Hex - 7196;	SEE ITEM (4) IN SPECIAL INSTRUCTIONS	IC Anions - 300.0 (Nitrogen in Nitrate);

SAMPLE NO.		MATRIX*	SAMPLE DATE	SAMPLE TIME						
B25KM1	1173	SOIL	MAY 13 2010	1048	✓	✓	✓	✓	✓	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: KB Hulse CHPRC	DATE/TIME: MAY 13 2010/1415	RECEIVED BY/STORED IN: M D Kessler	DATE/TIME: MAY 13 2010/1415
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

SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS

ORIGINAL

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

REVISION 1

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F10-202-007	PAGE 2 OF 2
COLLECTOR: KB Hulse CHPRC	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL	PRICE CODE: 8B
SAMPLING LOCATION: OCSA IZ-6 ZPC 3-3	PROJECT DESIGNATION: OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -		SAF NO.: F10-202	AIR QUALITY: ☐
ICE CHEST NO.: GWS-036	FIELD LOGBOOK NO.: HNF-N-507-8-79	ACTUAL SAMPLE DEPTH: surface	COA: 302221ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A	

DATA TURNAROUND: 7 Days / 15 Days

SPECIAL INSTRUCTIONS

** The CACN for all analytical work at WSCF laboratory is 401328ES20.☐** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.☐☐** All VOA samples will be collected using EPA Method 5035A.☐** VOA sample bottle sets will include 5 bottles for low level analysis.☐** The laboratory is to use one of the low level VOA bottles for moisture content determination.☐** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P for low level. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be include as part of the sample ID reported in the final data packages.☐☐** The laboratory shall report only the requested constituents of concern in all preliminary or final hardcopy data reports, or EDDs. QC results for non-requested constituents need not be reported, but samples chosen for matrix spike, and all spike compounds shall be identified in the final data report narrative. No TICs shall be reported.

(1) VOA - 5035/8260 (LOW LEVEL) {Carbon tetrachloride};

(2) Semi-VOA - 8270 (TCL) {Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, Chrysene, Dibenz[a,h]anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene}; TPH-DieselKerosene Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range};

(3) ICP Metals - 6010 (Add-On) {Boron, Lithium}; ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Manganese, Nickel, Silver, Vanadium, Zinc}; ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Selenium, Strontium, Thallium, Tin, Uranium}; 200.8_HG - ICPMS {Mercury};

(4) PCBs - 8082 {Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, Aroclor-1260};

ORIGINAL

REVISION 1

SAMPLE RECORD SHEET

Location: OCSA 1Z-6 ZPC 3-3

Sampler Initials and Date: KB Hulse CHPRC MAY 13 2010

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B25KM1	K	No Methanol		29.06	35.02	5.96	No Methanol
	L			28.92	34.43	5.51	
	M			29.04	34.57	5.53	
	N			28.90	34.32	5.42	
B25KM1	P			28.85	34.37	5.52	

[1]Sample suffix of K, L, M, N, and P relate to low-level concentration samples and will not have any preservation beyond freezing between -7°C and -20°C.
[2]Initial weight is to include all labels, stickers, bags, spin bars (for samples with suffix K, L, M, N and P) 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]Soil weight is the vial with sample minus Initial Weight.

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-202-008

COLLECTOR: KB Hulse CHPRC	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL
PRICE CODE: 8B	DATA TURNAROUND: 7 Days / 15 Days	AIR QUALITY: ☐	
SAMPLING LOCATION: OCSA IZ-6 ZPC 3-4	PROJECT DESIGNATION: OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -	SAF NO.: F10-202	
ICE CHEST NO.: GWS-036	FIELD LOGBOOK NO.: HNF-N-507-8.79	ACTUAL SAMPLE DEPTH: Surface	COA: 302221ES10
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
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool <-7C and >-20C	Cool~4C	Cool~4C	Cool~4C	Cool~4C	Cool~4C
HOLDING TIME	14 Days	14/40 Days	6 Months	30 Days	365/365 Days	28 Days/48 Hours
TYPE OF CONTAINER	aGs	aG	G/P	G/P	aG	G/P
NO. OF CONTAINER(S)	5	1	1	1	1	1
VOLUME	40mL	250mL	250mL	60mL	250mL	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	Chromium Hex - 7196;	SEE ITEM (4) IN SPECIAL INSTRUCTIONS	IC Anions - 300.0 (Nitrogen in Nitrate);

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME						
B25KM2 1174	SOIL	MAY 13 2010	1101	✓	✓	✓	✓	✓	✓

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CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: KB Hulse CHPRC	DATE/TIME: MAY 13 2010 1415	RECEIVED BY/STORED IN: M D Kessler	DATE/TIME: MAY 13 2010 1415
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
SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS

ORIGINAL

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

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REVISION 1

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F10-202-008	PAGE 2 OF 2
COLLECTOR: KB Hulse CHPRC	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL	PRICE CODE: 8B	DATA TURNAROUND: 7 Days / 15 Days
SAMPLING LOCATION: OCSA IZ-6 ZPC 3-4	PROJECT DESIGNATION: OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -		SAF NO.: F10-202	AIR QUALITY: ☐	
ICE CHEST NO.: GWS-036	FIELD LOGBOOK NO.: ~~HNF-N-507-~~ 8.79	ACTUAL SAMPLE DEPTH: Surface	COA: 302221ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE	
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A		

SPECIAL INSTRUCTIONS

** The CACN for all analytical work at WSCF laboratory is 401328ES20.☐** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.☐☐** All VOA samples will be collected using EPA Method 5035A.☐** VOA sample bottle sets will include 5 bottles for low level analysis.☐** The laboratory is to use one of the low level VOA bottles for moisture content determination.☐** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P for low level. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be include as part of the sample ID reported in the final data packages.☐☐** The laboratory shall report only the requested constituents of concern in all preliminary or final hardcopy data reports, or EDDs. QC results for non-requested constituents need not be reported, but samples chosen for matrix spike, and all spike compounds shall be identified in the final data report narrative. No TICs shall be reported.

(1) VOA - 5035/8260 (LOW LEVEL) {Carbon tetrachloride};

(2) Semi-VOA - 8270 (TCL) {Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, Chrysene, Dibenz[a,h]anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene}; TPH-DieselKerosene Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range};

(3) ICP Metals - 6010 (Add-On) {Boron, Lithium}; ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Manganese, Nickel, Silver, Vanadium, Zinc}; ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Selenium, Strontium, Thallium, Tin, Uranium}; 200.8_HG - ICPMS {Mercury};

(4) PCBs - 8082 {Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, Aroclor-1260};

ORIGINAL

SAMPLE RECORD SHEET

Location: OCSA 12-62PC 3-4

Sampler Initials and Date: KB Hulse CHPRC MAY 13 2010

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B25KM2	K	No Methanol		29.12	34.60	5.48	No Methanol
	L			28.91	34.95	6.04	
	M			29.03	34.47	5.44	
	N			29.25	34.67	5.42	
B25KM2	P			29.20	34.26	5.06	

[1]Sample suffix of K, L, M, N, and P relate to low-level concentration samples and will not have any preservation beyond freezing between -7°C and -20°C.
[2]Initial weight is to include all labels, stickers, bags, spin bars (for samples with suffix K, L, M, N and P) 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]Soil weight is the vial with sample minus Initial Weight.

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-202-009

COLLECTOR: KB Hulse CHPRC

COMPANY CONTACT: WIDRIG, DL

TELEPHONE NO.: 376-2858

PROJECT COORDINATOR: WIDRIG, DL

PRICE CODE: 8B

DATA TURNAROUND: 7 Days / 15 Days

AIR QUALITY: ☐

SAMPLING LOCATION: OCSA IZ-6 ZPC 3-5

PROJECT DESIGNATION: OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -

SAF NO.: F10-202

ICE CHEST NO.: G05-036

FIELD LOGBOOK NO.: HNF-~~N-507~~-8-79

ACTUAL SAMPLE DEPTH: Surface

COA: 302221ES10

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: Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool <-7C and >-20C	Cool~4C	Cool~4C	Cool~4C	Cool~4C	Cool~4C
HOLDING TIME	14 Days	14/40 Days	6 Months	30 Days	365/365 Days	28 Days/48 Hours
TYPE OF CONTAINER	aGs	aG	G/P	G/P	aG	G/P
NO. OF CONTAINER(S)	5	1	1	1	1	1
VOLUME	40mL	250mL	250mL	60mL	250mL	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	Chromium Hex - 7196;	SEE ITEM (4) IN SPECIAL INSTRUCTIONS	IC Anions - 300.0 (Nitrogen in Nitrate);

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME						
B25KM3 1175	SOIL	MAY 13 2010	1037	—	—	—	—	—	—

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
KB Hulse CHPRC	MAY 13 2010 1415	M D Kessler	MAY 13 2010 1415

SPECIAL INSTRUCTIONS

SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS

ORIGINAL

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

REVISION 1

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F10-202-009	PAGE 2 OF 2
COLLECTOR KB Hulse CHPRC	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8B	DATA TURNAROUND 7 Days / 15 Days
SAMPLING LOCATION OCSA IZ-6 ZPC 3-5	PROJECT DESIGNATION OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -		SAF NO. F10-202	AIR QUALITY ☐	
ICE CHEST NO. G4S-036	FIELD LOGBOOK NO. HNF-N-507-8.79	ACTUAL SAMPLE DEPTH Surface	COA 302221ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO Waste Sampling & Characterization	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

SPECIAL INSTRUCTIONS

** The CACN for all analytical work at WSCF laboratory is 401328ES20.☐** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.☐☐** All VOA samples will be collected using EPA Method 5035A.☐** VOA sample bottle sets will include 5 bottles for low level analysis.☐** The laboratory is to use one of the low level VOA bottles for moisture content determination.☐** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P for low level. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be include as part of the sample ID reported in the final data packages.☐☐** The laboratory shall report only the requested constituents of concern in all preliminary or final hardcopy data reports, or EDDs. QC results for non-requested constituents need not be reported, but samples chosen for matrix spike, and all spike compounds shall be identified in the final data report narrative. No TICs shall be reported.

(1) VOA - 5035/8260 (LOW LEVEL) {Carbon tetrachloride};

(2) Semi-VOA - 8270 (TCL) {Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, Chrysene, Dibenz[a,h]anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene}; TPH-DieselKerosene Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range};

(3) ICP Metals - 6010 (Add-On) {Boron, Lithium}; ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Manganese, Nickel, Silver, Vanadium, Zinc}; ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Selenium, Strontium, Thallium, Tin, Uranium}; 200.8_HG - ICPMS {Mercury};

(4) PCBs - 8082 {Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, Aroclor-1260};

ORIGINAL

REVISION 1

SAMPLE RECORD SHEET

Location: OCSA 12-6 ZPC 3-5

Sampler Initials and Date: KB Hulse CHPRC MAY 13 2010

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B25KM3	K	No Methanol		29.09	35.52	6.43	No Methanol
	L			28.81	34.62	5.81	
	M			29.09	34.33	5.24	
	N			28.87	35.26	6.39	
B25LM3	P			28.96	34.85	5.89	

[1]Sample suffix of K, L, M, N, and P relate to low-level concentration samples and will not have any preservation beyond freezing between -7°C and -20°C.
[2]Initial weight is to include all labels, stickers, bags, spin bars (for samples with suffix K, L, M, N and P) 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]Soil weight is the vial with sample minus Initial Weight.

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-202-010

COLLECTOR: KB Hulse CHPRC

COMPANY CONTACT: WIDRIG, DL

TELEPHONE NO.: 376-2858

PROJECT COORDINATOR: WIDRIG, DL

PRICE CODE: 8B

DATA TURNAROUND: 7 Days / 15 Days

AIR QUALITY: ☐

SAMPLING LOCATION: OCSA IZ-6 ZPC 3-6

PROJECT DESIGNATION: OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -

SAF NO.: F10-202

ICE CHEST NO.: GWS-036

FIELD LOGBOOK NO.: HNF-N-507-8.79

ACTUAL SAMPLE DEPTH: Surface

COA: 302221ES10

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
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION		Cool <-7C and >-20C	Cool~4C	Cool~4C	Cool~4C	Cool~4C	Cool~4C
HOLDING TIME		14 Days	14/40 Days	6 Months	30 Days	365/365 Days	28 Days/48 Hours
TYPE OF CONTAINER		aGs	aG	G/P	G/P	aG	G/P
NO. OF CONTAINER(S)		5	1	1	1	1	1
VOLUME		40mL	250mL	250mL	60mL	250mL	120mL
SAMPLE ANALYSIS		SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	Chromium Hex - 7196;	SEE ITEM (4) IN SPECIAL INSTRUCTIONS	IC Anions - 300.0 (Nitrogen in Nitrate);
SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME				
B25KM4 1176	SOIL	MAY 13 2010	1050	✓	✓	✓	✓

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CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
KB Hulse CHPRC	MAY 13 2010 1415	M D Kessler	MAY 13 2010 1415

SPECIAL INSTRUCTIONS

SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS

ORIGINAL

REVISION 1

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

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CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-202-010 PAGE 2 OF 2

COLLECTOR: KB Hulse CHPRC	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL
PRICE CODE: 8B	DATA TURNAROUND: 7 Days / 15 Days	AIR QUALITY: ☐	
SAMPLING LOCATION: OCSA IZ-6 ZPC 3-6	PROJECT DESIGNATION: OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -	SAF NO.: F10-202	
ICE CHEST NO.: GWS-036	FIELD LOGBOOK NO.: HNF-N-507-8.79	ACTUAL SAMPLE DEPTH: Surface	COA: 302221ES10
METHOD OF SHIPMENT: GOVERNMENT VEHICLE	SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.: N/A	BILL OF LADING/AIR BILL NO.: N/A

SPECIAL INSTRUCTIONS

** The CACN for all analytical work at WSCF laboratory is 401328ES20.☐** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.☐☐** All VOA samples will be collected using EPA Method 5035A.☐** VOA sample bottle sets will include 5 bottles for low level analysis.☐** The laboratory is to use one of the low level VOA bottles for moisture content determination.☐** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P for low level. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be include as part of the sample ID reported in the final data packages.☐☐** The laboratory shall report only the requested constituents of concern in all preliminary or final hardcopy data reports, or EDDs. QC results for non-requested constituents need not be reported, but samples chosen for matrix spike, and all spike compounds shall be identified in the final data report narrative. No TICs shall be reported.

(1) VOA - 5035/8260 (LOW LEVEL) {Carbon tetrachloride};

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(3) ICP Metals - 6010 (Add-On) {Boron, Lithium}; ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Manganese, Nickel, Silver, Vanadium, Zinc}; ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Selenium, Strontium, Thallium, Tin, Uranium}; 200.8_HG - ICPMS {Mercury};

(4) PCBs - 8082 {Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, Aroclor-1260};

ORIGINAL

REVISION 1

SAMPLE RECORD SHEET

Location: OCSA 12-6 ZPC 3-6

Sampler Initials and Date: KB Hulse CHPRC MAY 13 2010

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B25KM4	K	No Methanol		29.16	34.26	5.10	No Methanol
	L			28.90	34.28	5.38	
	M			29.00	34.71	5.71	
	N			29.06	34.17	5.11	
B25KM4	P			28.90	34.54	5.64	

[1]Sample suffix of K, L, M, N, and P relate to low-level concentration samples and will not have any preservation beyond freezing between -7°C and -20°C.
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[3]Ensure that everything weighed for the empty bottle and no additional items (besides the sample) is weighed.
[4]Soil weight is the vial with sample minus Initial Weight.

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-202-011

COLLECTOR: KB Hulse CHPRC

COMPANY CONTACT: WIDRIG, DL

TELEPHONE NO.: 376-2858

PROJECT COORDINATOR: WIDRIG, DL

PRICE CODE: 8B

DATA TURNAROUND: 7 Days / 15 Days

AIR QUALITY: ☐

SAMPLING LOCATION: OCSA IZ-6 ZPC 4

PROJECT DESIGNATION: OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -

SAF NO.: F10-202

ICE CHEST NO.: GWS-168

FIELD LOGBOOK NO.: HNF-N-507-8.79

ACTUAL SAMPLE DEPTH: Surface

COA: 302221ES10

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
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool <-7C and >-20C	Cool~4C	Cool~4C	Cool~4C	Cool~4C	Cool~4C
HOLDING TIME	14 Days	14/40 Days	6 Months	30 Days	365/365 Days	28 Days/48 Hours
TYPE OF CONTAINER	aGs	aG	G/P	G/P	aG	G/P
NO. OF CONTAINER(S)	5	1	1	1	1	1
VOLUME	40mL	250mL	250mL	60mL	250mL	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	Chromium Hex - 7196;	SEE ITEM (4) IN SPECIAL INSTRUCTIONS	IC Anions - 300.0 (Nitrogen in Nitrate);

SAMPLE NO.		MATRIX*	SAMPLE DATE	SAMPLE TIME						
B25KM5	1177	SOIL	MAY 13 2010	1113	✓	✓	✓	✓	✓	✓

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
KB Hulse - CHPRC	MAY 13 2010 1415	M D Kessler	MAY 13 2010 1415

SPECIAL INSTRUCTIONS
SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS

ORIGINAL

LABORATORY SECTION: RECEIVED BY | TITLE | DATE/TIME

FINAL SAMPLE DISPOSITION: DISPOSAL METHOD | DISPOSED BY | DATE/TIME

REVISION 1

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-202-011 PAGE 2 OF 2

COLLECTOR KB Hulse CHPRC	**COMPANY CONTACT** WIDRIG, DL	**TELEPHONE NO.** 376-2858	**PROJECT COORDINATOR** WIDRIG, DL
SAMPLING LOCATION OCSA IZ-6 ZPC 4	**PROJECT DESIGNATION** OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -		**SAF NO.** F10-202
ICE CHEST NO. GWS-168	**FIELD LOGBOOK NO.** HNF-N-507-8-79	**ACTUAL SAMPLE DEPTH** Surface	**COA** 302221ES10
SHIPPED TO Waste Sampling & Characterization	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

PRICE CODE 8B

AIR QUALITY ☐

DATA TURNAROUND 7 Days / 15 Days

METHOD OF SHIPMENT GOVERNMENT VEHICLE

SPECIAL INSTRUCTIONS

** The CACN for all analytical work at WSCF laboratory is 401328ES20.☐** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.☐☐** All VOA samples will be collected using EPA Method 5035A.☐** VOA sample bottle sets will include 5 bottles for low level analysis.☐** The laboratory is to use one of the low level VOA bottles for moisture content determination.☐** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P for low level. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be include as part of the sample ID reported in the final data packages.☐☐** The laboratory shall report only the requested constituents of concern in all preliminary or final hardcopy data reports, or EDDs. QC results for non-requested constituents need not be reported, but samples chosen for matrix spike, and all spike compounds shall be identified in the final data report narrative. No TICs shall be reported.

(1) VOA - 5035/8260 (LOW LEVEL) {Carbon tetrachloride};

(2) Semi-VOA - 8270 (TCL) {Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, Chrysene, Dibenz[a,h]anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene}; TPH-DieselKerosene Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range};

(3) ICP Metals - 6010 (Add-On) {Boron, Lithium}; ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Manganese, Nickel, Silver, Vanadium, Zinc}; ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Selenium, Strontium, Thallium, Tin, Uranium}; 200.8_HG - ICPMS {Mercury};

(4) PCBs - 8082 {Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, Aroclor-1260};

ORIGINAL

REVISION 1

SAMPLE RECORD SHEET

Location: OCSA 12-6 ZPC 4

Sampler Initials and Date: KB Hulse CHPRC MAY 13 2010

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B25K/M5	K	No Methanol		28.94	33.97	5.03	No Methanol
	L			29.13	34.09	4.96	
	M			29.11	34.12	5.01	
	N			28.89	33.51	4.62	
	P			29.17	34.01	4.84	

[1]Sample suffix of K, L, M, N, and P relate to low-level concentration samples and will not have any preservation beyond freezing between -7°C and -20°C.
[2]Initial weight is to include all labels, stickers, bags, spin bars (for samples with suffix K, L, M, N and P) 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]Soil weight is the vial with sample minus Initial Weight.

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-202-012

COLLECTOR: KB Huise CHPRC	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL
SAMPLING LOCATION: OCSA IZ-6 ZPC 4 D	PROJECT DESIGNATION: OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -		SAF NO.: F10-202
ICE CHEST NO.: GWS-168	FIELD LOGBOOK NO.: HNF-N-507-8-29	ACTUAL SAMPLE DEPTH: Surface	COA: 302221ES10
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

PRICE CODE: 8B

AIR QUALITY: ☐

DATA TURNAROUND: 7 Days / 15 Days

METHOD OF SHIPMENT: GOVERNMENT VEHICLE

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

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool <-7C and >-20C	Cool~4C	Cool~4C	Cool~4C	Cool~4C	Cool~4C
HOLDING TIME	14 Days	14/40 Days	6 Months	30 Days	365/365 Days	28 Days/48 Hours
TYPE OF CONTAINER	aGs	aG	G/P	G/P	aG	G/P
NO. OF CONTAINER(S)	5	1	1	1	1	1
VOLUME	40mL	250mL	250mL	60mL	250mL	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	Chromium Hex - 7196;	SEE ITEM (4) IN SPECIAL INSTRUCTIONS	IC Anions - 300.0 (Nitrogen in Nitrate);

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME						
B25KM6 1178	SOIL	MAY 13 2010	1113	✓	✓	✓	✓	✓	✓

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CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: KB Huise CHPRC	DATE/TIME: MAY 13 2010 1415	RECEIVED BY/STORED IN: M D Kessler	DATE/TIME: MAY 13 2010 1415
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
SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS

ORIGINAL

REVISION 1

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

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CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-202-012

COLLECTOR KB Hulse CHPRC	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8B	DATA TURNAROUND 7 Days / 15 Days
SAMPLING LOCATION OCSA IZ-6 ZPC 4 D	PROJECT DESIGNATION OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -		SAF NO. F10-202	AIR QUALITY ☐	
ICE CHEST NO. 605-168	FIELD LOGBOOK NO. HNF ~~N-507~~- 8.79	ACTUAL SAMPLE DEPTH Surface	COA 302221ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO Waste Sampling & Characterization	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

SPECIAL INSTRUCTIONS

** The CACN for all analytical work at WSCF laboratory is 401328ES20.☐** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.☐☐** All VOA samples will be collected using EPA Method 5035A.☐** VOA sample bottle sets will include 5 bottles for low level analysis.☐** The laboratory is to use one of the low level VOA bottles for moisture content determination.☐** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P for low level. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be include as part of the sample ID reported in the final data packages.☐☐** The laboratory shall report only the requested constituents of concern in all preliminary or final hardcopy data reports, or EDDs. QC results for non-requested constituents need not be reported, but samples chosen for matrix spike, and all spike compounds shall be identified in the final data report narrative. No TICs shall be reported.

(1) VOA - 5035/8260 (LOW LEVEL) {Carbon tetrachloride};

(2) Semi-VOA - 8270 (TCL) {Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, Chrysene, Dibenz[a,h]anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene}; TPH-DieselKerosene Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range};

(3) ICP Metals - 6010 (Add-On) {Boron, Lithium}; ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Manganese, Nickel, Silver, Vanadium, Zinc}; ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Selenium, Strontium, Thallium, Tin, Uranium}; 200.8_HG - ICPMS {Mercury};

(4) PCBs - 8082 {Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, Aroclor-1260};

ORIGINAL

REVISION 1

SAMPLE RECORD SHEET

Location: OCSA 12-6 ZPC 4 Dup

Sampler Initials and Date: MAY 13 2010 KB Hulse CHPRC

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B25KM6	K	No Methanol		29.00	33.73	4.73	No Methanol
	L			29.03	33.94	4.91	
	M			29.12	35.05	5.93	
	N			29.00	33.85	4.85	
B25KM6	P			28.93	33.25	4.32	

[1]Sample suffix of K, L, M, N, and P relate to low-level concentration samples and will not have any preservation beyond freezing between -7°C and -20°C.
[2]Initial weight is to include all labels, stickers, bags, spin bars (for samples with suffix K, L, M, N and P) 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]Soil weight is the vial with sample minus Initial Weight.

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-202-013

COLLECTOR: KB Hulse CHPRC	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL
PRICE CODE: 8B	DATA TURNAROUND: 7 Days / 15 Days	AIR QUALITY: ☐	
SAMPLING LOCATION: OCSA IZ-6 ZPC 5	PROJECT DESIGNATION: OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -	SAF NO.: F10-202	
ICE CHEST NO.: GWS-036	FIELD LOGBOOK NO.: HNF-N-507-8.79	ACTUAL SAMPLE DEPTH: Surface	COA: 302221ES10
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
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION		Cool <-7C and >-20C	Cool~4C	Cool~4C	Cool~4C	Cool~4C	Cool~4C
HOLDING TIME		14 Days	14/40 Days	6 Months	30 Days	365/365 Days	28 Days/48 Hours
TYPE OF CONTAINER		aGs	aG	G/P	G/P	aG	G/P
NO. OF CONTAINER(S)		5	1	1	1	1	1
VOLUME		40mL	250mL	250mL	60mL	250mL	120mL
SAMPLE ANALYSIS		SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	Chromium Hex - 7196;	SEE ITEM (4) IN SPECIAL INSTRUCTIONS	IC Anions - 300.0 (Nitrogen in Nitrate);
SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME				
B25KM7 1179	SOIL	MAY 13 2010	1000	✓	✓	✓	✓ ✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
KB Hulse CHPRC	MAY 13 2010 1415	M D Kessler	MAY 13 2010 1415

SPECIAL INSTRUCTIONS
SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS

ORIGINAL

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

REVISION 1

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-202-013

COLLECTOR KB Hulse CHPRC	**COMPANY CONTACT** WIDRIG, DL	**TELEPHONE NO.** 376-2858	**PROJECT COORDINATOR** WIDRIG, DL	**PRICE CODE** 8B	**DATA TURNAROUND** 7 Days / 15 Days
SAMPLING LOCATION OCSA IZ-6 ZPC 5	**PROJECT DESIGNATION** OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -		**SAF NO.** F10-202	**AIR QUALITY** ☐	
ICE CHEST NO. GWS-036	**FIELD LOGBOOK NO.** HNF-N-507-8-79	**ACTUAL SAMPLE DEPTH** Surface	**COA** 302221ES10	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	
SHIPPED TO Waste Sampling & Characterization	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A		

SPECIAL INSTRUCTIONS

** The CACN for all analytical work at WSCF laboratory is 401328ES20.☐** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.☐☐** All VOA samples will be collected using EPA Method 5035A.☐** VOA sample bottle sets will include 5 bottles for low level analysis.☐** The laboratory is to use one of the low level VOA bottles for moisture content determination.☐** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P for low level. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be include as part of the sample ID reported in the final data packages.☐☐** The laboratory shall report only the requested constituents of concern in all preliminary or final hardcopy data reports, or EDDs. QC results for non-requested constituents need not be reported, but samples chosen for matrix spike, and all spike compounds shall be identified in the final data report narrative. No TICs shall be reported.

(1) VOA - 5035/8260 (LOW LEVEL) {Carbon tetrachloride};

(2) Semi-VOA - 8270 (TCL) {Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, Chrysene, Dibenz[a,h]anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene}; TPH-DieselKerosene Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range};

(3) ICP Metals - 6010 (Add-On) {Boron, Lithium}; ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Manganese, Nickel, Silver, Vanadium, Zinc}; ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Selenium, Strontium, Thallium, Tin, Uranium}; 200.8_HG - ICPMS {Mercury};

(4) PCBs - 8082 {Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, Aroclor-1260};

ORIGINAL

SAMPLE RECORD SHEET

Location: OCSA 12-62PC5

Sampler Initials and Date: KB Hulse CHPRC MAY 13 2010

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B25KM7	K	No Methanol		29.13	34.61	5.48	No Methanol
B25KM7	L			29.04	35.40	6.36	
B25KM7	M			29.16	34.73	5.57	
B25KM7	N			29.13	34.69	5.56	
B25KM7	P			28.84	33.97	5.13	

[1]Sample suffix of K, L, M, N, and P relate to low-level concentration samples and will not have any preservation beyond freezing between -7°C and -20°C.
[2]Initial weight is to include all labels, stickers, bags, spin bars (for samples with suffix K, L, M, N and P) 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]Soil weight is the vial with sample minus Initial Weight.

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-202-014

COLLECTOR: KB Hulse CHPRC

COMPANY CONTACT: WIDRIG, DL

TELEPHONE NO.: 376-2858

PROJECT COORDINATOR: WIDRIG, DL

PRICE CODE: 8B

DATA TURNAROUND: 7 Days / 15 Days

AIR QUALITY: ☐

SAMPLING LOCATION: OCSA IZ-6 ZPC 6-1

PROJECT DESIGNATION: OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -

SAF NO.: F10-202

ICE CHEST NO.: GWS-168

FIELD LOGBOOK NO.: HNF-N-507-8.79

ACTUAL SAMPLE DEPTH: Surface

COA: 302221ES10

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: Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION		Cool <-7C and >-20C	Cool~4C	Cool~4C	Cool~4C	Cool~4C	Cool~4C
HOLDING TIME		14 Days	14/40 Days	6 Months	30 Days	365/365 Days	28 Days/48 Hours
TYPE OF CONTAINER		aGs	aG	G/P	G/P	aG	G/P
NO. OF CONTAINER(S)		5	1	1	1	1	1
VOLUME		40mL	250mL	250mL	60mL	250mL	120mL
SAMPLE ANALYSIS		SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	Chromium Hex - 7196;	SEE ITEM (4) IN SPECIAL INSTRUCTIONS	IC Anions - 300.0 (Nitrogen in Nitrate);
SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME				
B25KM8 1180	SOIL	MAY 13 2010	0915	✓	✓	✓	✓ ✓

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
KB Hulse CHPRC	MAY 13 2010 1415	M D Kessler	MAY 13 2010 1415

SPECIAL INSTRUCTIONS

SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS

☐ ORIGINAL

LABORATORY SECTION: RECEIVED BY | TITLE | DATE/TIME

FINAL SAMPLE DISPOSITION: DISPOSAL METHOD | DISPOSED BY | DATE/TIME

REVISION 1

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-202-014

COLLECTOR	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8B	DATA TURNAROUND 7 Days / 15 Days
SAMPLING LOCATION OCSA IZ-6 ZPC 6-1	PROJECT DESIGNATION OCSA Waste Site Inspection zones 1 & 6 Confirmatory Sampling - Surface -		SAF NO. F10-202	AIR QUALITY ☐	
ICE CHEST NO. 6605-168	FIELD LOGBOOK NO. HNF-N-507-8-79	ACTUAL SAMPLE DEPTH Surface	COA 302221ES10	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO Waste Sampling & Characterization	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

SPECIAL INSTRUCTIONS

** The CACN for all analytical work at WSCF laboratory is 401328ES20.☐** The 200 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.☐☐** All VOA samples will be collected using EPA Method 5035A.☐** VOA sample bottle sets will include 5 bottles for low level analysis.☐** The laboratory is to use one of the low level VOA bottles for moisture content determination.☐** VOA bottles will be labeled with an appended suffix of K, L, M, N, or P for low level. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be include as part of the sample ID reported in the final data packages.☐☐** The laboratory shall report only the requested constituents of concern in all preliminary or final hardcopy data reports, or EDDs. QC results for non-requested constituents need not be reported, but samples chosen for matrix spike, and all spike compounds shall be identified in the final data report narrative. No TICs shall be reported.

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(2) Semi-VOA - 8270 (TCL) {Acenaphthene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, Chrysene, Dibenz[a,h]anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene}; TPH-DieselKerosene Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range};

(3) ICP Metals - 6010 (Add-On) {Boron, Lithium}; ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Manganese, Nickel, Silver, Vanadium, Zinc}; ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Selenium, Strontium, Thallium, Tin, Uranium}; 200.8_HG - ICPMS {Mercury};

(4) PCBs - 8082 {Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, Aroclor-1260};

ORIGINAL

REVISION 1

SAMPLE RECORD SHEET

Location: OGSA 12-6 ZPC 6-1

Sampler Initials and Date: KB Hulse CHPRC MAY 13 2010

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B25KM8	K	No Methanol		29.00	34.09	5.09	No Methanol
B25KM8	L			29.25	33.03	3.78	
B25KM8	M			28.92	34.33	5.41	
B25KM8	N			28.90	34.05	5.15	
B25KM8	P			29.08	34.36	5.28	

[1]Sample suffix of K, L, M, N, and P relate to low-level concentration samples and will not have any preservation beyond freezing between -7°C and -20°C.
[2]Initial weight is to include all labels, stickers, bags, spin bars (for samples with suffix K, L, M, N and P) 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]Soil weight is the vial with sample minus Initial Weight.