RECEIVED JUNE 06, 2011 REVISION 1 1212513

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

46500-RAW-11-34

June 6, 2011

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

Dear Mike,

P&D FOR SAMPLE DELIVERY GROUP WSCF20101440 – SAF NUMBER F10-240

References:

1. Letter, S.L. Fitzgerald (SLF) to MA Neely (CH2MHill), Final Results for SDG WSCF20101440 (46500-SLF-10-347), dated August 24, 2010.
2. Statement of Work (SOW), Modification No. 2 to Agreement 36587, Release 3, 'FH WSCF ANALYTICAL SERVICES FOR GROUNDWATER'
3. HNF-SD-CD-QAPP-017, Rev. 9, Waste Sampling & Characterization Facility Quality Assurance Plan

On August 31, 2010 the subject P&D was received by the WSCF Laboratory. This letter replaces Reference 1 submittal in its entirety together with the P&D data for sample delivery group WSCF20101440.

Please accept our apology for any inconvenience this may have created. If you have any questions, don't hesitate to call on Marisol Avila, telephone 373-1613, for assistance.

Very truly yours,

RA Westberg
WSCF Analytical Lab

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Attachments 4

cc: w/Attachments

M. Avila	S3-30
H. K. Meznarich	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#: WSCF20101440
Data Deliverable Date: 18-aug-2010
Data Deliverable: Cover Sheet

SAF#	Sample ID	WSCF#	Matrix
F10-240	B26X65	W10GR01885	SOIL
	B26X66	W10GR01886	SOIL
	B26X67	W10GR01887	SOIL
	B26X68	W10GR01888	SOIL
	B26X69	W10GR01889	SOIL
	B26X70	W10GR01890	SOIL
	B26X71	W10GR01891	SOIL
	B26XB0	W10GR01874	SOIL
	B26XB1	W10GR01875	SOIL
	B26XB2	W10GR01876	SOIL
	B26XB3	W10GR01877	SOIL
	B26XB4	W10GR01878	SOIL
	B26XB5	W10GR01879	SOIL
	B26XB6	W10GR01880	SOIL
	B26XC6	W10GR01892	SOIL
	B26XC7	W10GR01893	SOIL
	B26XC8	W10GR01894	SOIL
	B26XC9	W10GR01895	SOIL
	B26XD4	W10GR01881	SOIL
	B26XD5	W10GR01882	SOIL
	B26XD6	W10GR01883	SOIL
	B26XD7	W10GR01884	SOIL

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ATTACHMENT 2

NARRATIVE

Consisting of 6 pages
Including cover page

P&D Correction – Case Narrative Replaces the Prior Submittal in its Entirety
Introduction

Twenty-two (22) S&GRP samples were received at the WSCF Laboratory on August 3rd, 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. Additionally, a copy of the completed P&D# WSCF20101440 is included with this case narrative.

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 15 through 16, 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 39 for QC details. Analytical Note(s):

- Batch QC analyzed on sample # W10GR01885 (B26X65 on work order 20101440).
    - All QC controls are within the established limits.
- Batch QC analyzed on sample # W100000321 (B26VH9 on work order 20101455)
    - 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 40 for QC details. Analytical Note(s):

- Batch QC analyzed on sample# W10GR01918 (B26W76 on work order 20101452).
    - All QC controls are within the established limits.
- Batch QC analyzed on sample# W10GR01893 (B26XC7 on work order 20101440).
    - Matrix Spike recoveries exceeded established laboratory limits. Affected sample results in this batch were "N" flagged. Failure possibly contributable to sample matrix.
    - 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 pages 41 through 42 for QC details. Analytical Note(s):

- Batch QC analyzed on sample# W10GR01864 (B26W78 on work order 20101434).
    - Estimated Boron results due to Iron interference. Sample results are "E" flagged.
    - All other QC controls are within the established limits.
- Batch QC analyzed on sample# W10GR01895 (B26XC9 on work order 20101440).
    - Estimated Boron results due to Iron interference. Sample results are "E" flagged.
    - Lithium – Laboratory Control Sample recovery exceeded laboratory limits. Affected sample results in this batch were "X" flagged. The laboratory is currently using an administrative range of 80-120 % recovery for lithium. The recovery does meet the internal statistical range of 48-119%.
    - 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 43 through 46 for QC details. Analytical Note(s):

- Batch QC analyzed on sample# W10GR01885 (B26X66 on work order 20101440)
    - Vanadium– Matrix Spike/Matrix Spike RPD exceeded established laboratory limits. Vanadium RPD value in analytical laboratory QC report is flagged. Sample results not flagged.
    - Chromium, zinc and copper - were detected in the Blank and sample results were evaluated. Affected sample results in this batch were "C" Flagged.
    - 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 page 83 for QC details. Analytical Note(s):

- Batch QC analyzed on sample# W10GR01887 (B26X67 on work order 20101440).
    - All QC controls are within the established limits.

Semi-VOA – The hold time requirements (7/40 days or 14/40 days) 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 90 for QC details. Analytical Note(s):

- Batch QC analyzed on sample# W10GR01885 (B26X65 on work order 20101440).
    - The following surrogates exceeded the control limits percent recoveries and associated RPDs:
        - 2-fluorphenol, 2-fluorbiphenyl, nitrobenzene-d5 and phenol-d5 in the MSD, W10GR01885 (B26X65)
        - Terphenyl-d14 in sample W10GR01893 (B26XC7)
        - Terphenyl-d14 in the Method Blank
    - The additional non-target analytes reported are the spike compounds (4-nitrophenol, 1,4-dichlorobenzene, phenol, 1,2,4-trichlorobenzene, 2,4-dinitrotoluene, 4-chloro-3-methylphenol, N-nitroso-dipropylamine, pentachlorophenol, and 2-chlorophenol).
    - 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 81 through 82 for QC details. Analytical Note(s):

- Due to the co-elution of analytes for TPHD-WA (DRO) and kerosene analysis, samples are spiked and evaluated for TPHD only.
- Samples W10GR01885-1888 and W10GR01893 – diesel concentration reported contains compounds which co-elute between diesel and motor oil ranges.
- Batch QC analyzed on sample# W10GR01886 (B26X66 on work order 20101440).
    - 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 91 through 94 for QC details. Analytical Note(s):

- Batch QC analyzed on sample# W10GR01874 (B26XB0 on work order 20101440).
    - The additional non-target analytes reported are the spike compounds (1,1-dichloroethene, trichloroethene, benzene, toluene, and chlorobenzene).
    - 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
WSCF Analytical Laboratory Manager

Marisol Avila
WSCF Client Services

8/31/2010

Problem and Discrepancy Report

WSCF

SDG WSCF20101440

The data package has the following issues:

a. Selenium is flagged "U" for many results which are greater than the MDL (for instance p.32 B26XC6 has result 0.590 mg/kg and MDL is 0.288) see also B26XC7, B26XC8, and B26XC9.

Resolution: *Please check the results and provide corrections.*

Lab Response: **The U flags have been removed from Selenium, in the instances in which it does not apply, throughout the hardcopy and electronic data package.**

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

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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: SUSANKON 06/06/11

Client Services: Marisol Avila 06/06/11

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#: WSCF20101440
Report Date: 6-jun-2011
Report WGPP/ver. 5.2
Groundwater Remediation Program

w13qlog v4.2 06-jun-2011 06:35:18

Department: Inorganic

W13q Worklist/Batch/QC Report for Group# WSCF20101440

WL#	S#	Batch	QC#	Tray Type	Sample#	Test
				SAMPLE	W10GR01885	Percent Solids
				SAMPLE	W10GR01886	Percent Solids
				SAMPLE	W10GR01887	Percent Solids
				SAMPLE	W10GR01888	Percent Solids
				SAMPLE	W10GR01889	Percent Solids
				SAMPLE	W10GR01890	Percent Solids
				SAMPLE	W10GR01891	Percent Solids
				SAMPLE	W10GR01892	Percent Solids
				SAMPLE	W10GR01893	Percent Solids
				SAMPLE	W10GR01894	Percent Solids
				SAMPLE	W10GR01895	Percent Solids
41432	2	41917	46573	BLANK		Anions by Ion Chromatography
41432	17	41917	46573	BLANK		Anions by Ion Chromatography
41432	3	41917	46573	LCS		Anions by Ion Chromatography
41432	5	41917	46573	DUP	W10GR01885	Anions by Ion Chromatography
41432	6	41917	46573	MS	W10GR01885	Anions by Ion Chromatography
41432	7	41917	46573	MSD	W10GR01885	Anions by Ion Chromatography
41432	4	41917	46573	SAMPLE	W10GR01885	Anions by Ion Chromatography
41432	7	41917	46573	SPK-RPD	W10GR01885	Anions by Ion Chromatography
41432	8	41917	46573	SAMPLE	W10GR01886	Anions by Ion Chromatography
41432	9	41917	46573	SAMPLE	W10GR01887	Anions by Ion Chromatography
41432	10	41917	46573	SAMPLE	W10GR01888	Anions by Ion Chromatography
41432	11	41917	46573	SAMPLE	W10GR01889	Anions by Ion Chromatography
41432	12	41917	46573	SAMPLE	W10GR01890	Anions by Ion Chromatography
41432	13	41917	46573	SAMPLE	W10GR01891	Anions by Ion Chromatography
41432	14	41917	46573	SAMPLE	W10GR01892	Anions by Ion Chromatography
41432	15	41917	46573	SAMPLE	W10GR01893	Anions by Ion Chromatography
41432	16	41917	46573	SAMPLE	W10GR01894	Anions by Ion Chromatography
41451	2	41933	46586	BLANK		Anions by Ion Chromatography
41451	10	41933	46586	BLANK		Anions by Ion Chromatography
41451	3	41933	46586	LCS		Anions by Ion Chromatography
41451	5	41933	46586	DUP	W100000321	Anions by Ion Chromatography
41451	6	41933	46586	MS	W100000321	Anions by Ion Chromatography
41451	7	41933	46586	MSD	W100000321	Anions by Ion Chromatography
41451	7	41933	46586	SPK-RPD	W100000321	Anions by Ion Chromatography
41451	9	41933	46586	SAMPLE	W10GR01895	Anions by Ion Chromatography
41443	1	41928	46590	BLANK		ICP Metals Analysis, Grd H20 P
41443	2	41928	46590	LCS		ICP Metals Analysis, Grd H20 P
41443	4	41928	46590	MS	W10GR01864	ICP Metals Analysis, Grd H20 P
41443	5	41928	46590	MSD	W10GR01864	ICP Metals Analysis, Grd H20 P
41443	5	41928	46590	SPK-RPD	W10GR01864	ICP Metals Analysis, Grd H20 P
41443	15	41928	46590	SAMPLE	W10GR01885	ICP Metals Analysis, Grd H20 P
41443	16	41928	46590	SAMPLE	W10GR01886	ICP Metals Analysis, Grd H20 P
41443	17	41928	46590	SAMPLE	W10GR01887	ICP Metals Analysis, Grd H20 P
41443	18	41928	46590	SAMPLE	W10GR01888	ICP Metals Analysis, Grd H20 P
41443	19	41928	46590	SAMPLE	W10GR01889	ICP Metals Analysis, Grd H20 P
41443	20	41928	46590	SAMPLE	W10GR01890	ICP Metals Analysis, Grd H20 P
41443	21	41928	46590	SAMPLE	W10GR01891	ICP Metals Analysis, Grd H20 P
41443	22	41928	46590	SAMPLE	W10GR01892	ICP Metals Analysis, Grd H20 P

41443	23	41928	46590	SAMPLE	W10GR01893	ICP Metals Analysis, Grd H20 P
41443	24	41928	46590	SAMPLE	W10GR01894	ICP Metals Analysis, Grd H20 P
41444	1	41929	46611	BLANK		ICP Metals Analysis, Grd H20 P
41444	2	41929	46611	LCS		ICP Metals Analysis, Grd H20 P
41444	4	41929	46611	MS	W10GR01895	ICP Metals Analysis, Grd H20 P
41444	5	41929	46611	MSD	W10GR01895	ICP Metals Analysis, Grd H20 P
41444	3	41929	46611	SAMPLE	W10GR01895	ICP Metals Analysis, Grd H20 P
41444	5	41929	46611	SPK-RPD	W10GR01895	ICP Metals Analysis, Grd H20 P
41493	1	41979	46627	BLANK		ICP-200.8 MS All possible meta
41493	2	41979	46627	LCS		ICP-200.8 MS All possible meta
41493	4	41979	46627	MS	W10GR01885	ICP-200.8 MS All possible meta
41493	5	41979	46627	MSD	W10GR01885	ICP-200.8 MS All possible meta
41493	3	41979	46627	SAMPLE	W10GR01885	ICP-200.8 MS All possible meta
41493	5	41979	46627	SPK-RPD	W10GR01885	ICP-200.8 MS All possible meta
41493	6	41979	46627	SAMPLE	W10GR01886	ICP-200.8 MS All possible meta
41493	7	41979	46627	SAMPLE	W10GR01887	ICP-200.8 MS All possible meta
41493	8	41979	46627	SAMPLE	W10GR01888	ICP-200.8 MS All possible meta
41493	9	41979	46627	SAMPLE	W10GR01889	ICP-200.8 MS All possible meta
41493	10	41979	46627	SAMPLE	W10GR01890	ICP-200.8 MS All possible meta
41493	11	41979	46627	SAMPLE	W10GR01891	ICP-200.8 MS All possible meta
41493	12	41979	46627	SAMPLE	W10GR01892	ICP-200.8 MS All possible meta
41493	13	41979	46627	SAMPLE	W10GR01893	ICP-200.8 MS All possible meta
41493	14	41979	46627	SAMPLE	W10GR01894	ICP-200.8 MS All possible meta
41493	15	41979	46627	SAMPLE	W10GR01895	ICP-200.8 MS All possible meta
41495	2	41986	46631	BLNK-PREP		Hexavalent chromium
41495	3	41986	46631	LCS		Hexavalent chromium
41495	18	41986	46631	SAMPLE	W10GR01885	Hexavalent chromium
41495	19	41986	46631	SAMPLE	W10GR01886	Hexavalent chromium
41495	21	41986	46631	SAMPLE	W10GR01887	Hexavalent chromium
41495	22	41986	46631	SAMPLE	W10GR01888	Hexavalent chromium
41495	23	41986	46631	SAMPLE	W10GR01889	Hexavalent chromium
41495	24	41986	46631	SAMPLE	W10GR01890	Hexavalent chromium
41495	25	41986	46631	SAMPLE	W10GR01891	Hexavalent chromium
41495	26	41986	46631	SAMPLE	W10GR01892	Hexavalent chromium
41495	8	41986	46631	SPK-POST	W10GR01917	Hexavalent chromium
41495	5	41986	46631	DUP	W10GR01918	Hexavalent chromium
41495	6	41986	46631	MS	W10GR01918	Hexavalent chromium
41521	2	42013	46674	BLNK-PREP		Hexavalent chromium
41521	3	42013	46674	LCS		Hexavalent chromium
41521	5	42013	46674	DUP	W10GR01893	Hexavalent chromium
41521	6	42013	46674	MS	W10GR01893	Hexavalent chromium
41521	4	42013	46674	SAMPLE	W10GR01893	Hexavalent chromium
41521	9	42013	46674	SAMPLE	W10GR01894	Hexavalent chromium
41521	10	42013	46674	SAMPLE	W10GR01895	Hexavalent chromium
41521	7	42013	46674	SPK-POST	W10GR01962	Hexavalent chromium

w13qlog v4.2 06-jun-2011 06:35:18

Department: Organic

W13q Worklist/Batch/QC Report for Group# WSCF20101440

WL#	S#	Batch	QC#	Tray Type	Sample#	Test
			46626	BLANK		PCBs complete list
			46626	LCS		PCBs complete list
			46626	SAMPLE	W10GR01885	PCBs complete list
			46626	SAMPLE	W10GR01886	PCBs complete list
			46626	MS	W10GR01887	PCBs complete list
			46626	MSD	W10GR01887	PCBs complete list
			46626	SAMPLE	W10GR01887	PCBs complete list
			46626	SPK-RPD	W10GR01887	PCBs complete list
			46626	SAMPLE	W10GR01888	PCBs complete list
			46626	SAMPLE	W10GR01889	PCBs complete list
			46626	SAMPLE	W10GR01890	PCBs complete list
			46626	SAMPLE	W10GR01891	PCBs complete list
			46626	SAMPLE	W10GR01892	PCBs complete list
			46626	SAMPLE	W10GR01893	PCBs complete list
			46626	SAMPLE	W10GR01894	PCBs complete list
			46626	SAMPLE	W10GR01895	PCBs complete list
			46633	BLANK		NWTPH-D TPH Diesel Range (Wa)
			46633	LCS		NWTPH-D TPH Diesel Range (Wa)
			46633	SAMPLE	W10GR01885	NWTPH-D TPH Diesel Range (Wa)
			46633	SURR	W10GR01885	NWTPH-D TPH Diesel Range (Wa)
			46633	MS	W10GR01886	NWTPH-D TPH Diesel Range (Wa)
			46633	MSD	W10GR01886	NWTPH-D TPH Diesel Range (Wa)
			46633	SAMPLE	W10GR01886	NWTPH-D TPH Diesel Range (Wa)
			46633	SPK-RPD	W10GR01886	NWTPH-D TPH Diesel Range (Wa)
			46633	SURR	W10GR01886	NWTPH-D TPH Diesel Range (Wa)
			46633	SAMPLE	W10GR01887	NWTPH-D TPH Diesel Range (Wa)
			46633	SURR	W10GR01887	NWTPH-D TPH Diesel Range (Wa)
			46633	SAMPLE	W10GR01888	NWTPH-D TPH Diesel Range (Wa)
			46633	SURR	W10GR01888	NWTPH-D TPH Diesel Range (Wa)
			46633	SAMPLE	W10GR01889	NWTPH-D TPH Diesel Range (Wa)
			46633	SURR	W10GR01889	NWTPH-D TPH Diesel Range (Wa)
			46633	SAMPLE	W10GR01890	NWTPH-D TPH Diesel Range (Wa)
			46633	SURR	W10GR01890	NWTPH-D TPH Diesel Range (Wa)
			46633	SAMPLE	W10GR01891	NWTPH-D TPH Diesel Range (Wa)
			46633	SURR	W10GR01891	NWTPH-D TPH Diesel Range (Wa)
			46633	SAMPLE	W10GR01892	NWTPH-D TPH Diesel Range (Wa)
			46633	SURR	W10GR01892	NWTPH-D TPH Diesel Range (Wa)
			46633	SAMPLE	W10GR01893	NWTPH-D TPH Diesel Range (Wa)
			46633	SURR	W10GR01893	NWTPH-D TPH Diesel Range (Wa)
			46633	SAMPLE	W10GR01894	NWTPH-D TPH Diesel Range (Wa)
			46633	SURR	W10GR01894	NWTPH-D TPH Diesel Range (Wa)
			46633	SAMPLE	W10GR01895	NWTPH-D TPH Diesel Range (Wa)
			46633	SURR	W10GR01895	NWTPH-D TPH Diesel Range (Wa)
			46650	BLANK		SW-846 8270C Semi-Vols
			46650	LCS		SW-846 8270C Semi-Vols
			46650	MS	W10GR01885	SW-846 8270C Semi-Vols
			46650	MSD	W10GR01885	SW-846 8270C Semi-Vols
			46650	SAMPLE	W10GR01885	SW-846 8270C Semi-Vols
			46650	SPK-RPD	W10GR01885	SW-846 8270C Semi-Vols
			46650	SURR	W10GR01885	SW-846 8270C Semi-Vols

46650	SAMPLE	W10GR01886	SW-846 8270C Semi-Vols
46650	SURR	W10GR01886	SW-846 8270C Semi-Vols
46650	SAMPLE	W10GR01887	SW-846 8270C Semi-Vols
46650	SURR	W10GR01887	SW-846 8270C Semi-Vols
46650	SAMPLE	W10GR01888	SW-846 8270C Semi-Vols
46650	SURR	W10GR01888	SW-846 8270C Semi-Vols
46650	SAMPLE	W10GR01889	SW-846 8270C Semi-Vols
46650	SURR	W10GR01889	SW-846 8270C Semi-Vols
46650	SAMPLE	W10GR01890	SW-846 8270C Semi-Vols
46650	SURR	W10GR01890	SW-846 8270C Semi-Vols
46650	SAMPLE	W10GR01891	SW-846 8270C Semi-Vols
46650	SURR	W10GR01891	SW-846 8270C Semi-Vols
46650	SAMPLE	W10GR01892	SW-846 8270C Semi-Vols
46650	SURR	W10GR01892	SW-846 8270C Semi-Vols
46650	SAMPLE	W10GR01893	SW-846 8270C Semi-Vols
46650	SURR	W10GR01893	SW-846 8270C Semi-Vols
46650	SAMPLE	W10GR01894	SW-846 8270C Semi-Vols
46650	SURR	W10GR01894	SW-846 8270C Semi-Vols
46650	SAMPLE	W10GR01895	SW-846 8270C Semi-Vols
46650	SURR	W10GR01895	SW-846 8270C Semi-Vols
46652	BLANK		VOA Ground Water Protection
46652	LCS		VOA Ground Water Protection
46652	MS	W10GR01874	VOA Ground Water Protection
46652	MSD	W10GR01874	VOA Ground Water Protection
46652	SAMPLE	W10GR01874	VOA Ground Water Protection
46652	SPK-RPD	W10GR01874	VOA Ground Water Protection
46652	SURR	W10GR01874	VOA Ground Water Protection
46652	SAMPLE	W10GR01875	VOA Ground Water Protection
46652	SURR	W10GR01875	VOA Ground Water Protection
46652	SAMPLE	W10GR01876	VOA Ground Water Protection
46652	SURR	W10GR01876	VOA Ground Water Protection
46652	SAMPLE	W10GR01877	VOA Ground Water Protection
46652	SURR	W10GR01877	VOA Ground Water Protection
46652	SAMPLE	W10GR01878	VOA Ground Water Protection
46652	SURR	W10GR01878	VOA Ground Water Protection
46652	SAMPLE	W10GR01879	VOA Ground Water Protection
46652	SURR	W10GR01879	VOA Ground Water Protection
46652	SAMPLE	W10GR01880	VOA Ground Water Protection
46652	SURR	W10GR01880	VOA Ground Water Protection
46652	SAMPLE	W10GR01881	VOA Ground Water Protection
46652	SURR	W10GR01881	VOA Ground Water Protection
46652	SAMPLE	W10GR01882	VOA Ground Water Protection
46652	SURR	W10GR01882	VOA Ground Water Protection
46652	SAMPLE	W10GR01883	VOA Ground Water Protection
46652	SURR	W10GR01883	VOA Ground Water Protection
46652	SAMPLE	W10GR01884	VOA Ground Water Protection
46652	SURR	W10GR01884	VOA Ground Water Protection

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
None No reference to any industry method.

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: F10-240
Sample # W10GR01885
Client ID: B26X65 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**08/04/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	BD	4.33	mg/kg			50.00	1.6		08/04/10
Hexavalent Chromium Prep											**08/11/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	U	< 0.100	mg/kg			1.00	0.10		08/12/10
ICP Metals Analysis, Grd H20 P Prep											**08/08/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		7.74	mg/kg			99.84	0.40		08/09/10
Boron	7440-42-8	LA-505-411	E	11.3	mg/kg			99.84	1.9		08/09/10
ICP-200.8 MS All possible meta Prep											**08/08/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412		278	mg/kg			0.98	0.0979		08/09/10
Nickel	7440-02-0	LA-505-412		8.09	mg/kg			0.98	0.196		08/09/10
Silver	7440-22-4	LA-505-412	U	< 0.0979	mg/kg			0.98	0.0979		08/09/10
Antimony	7440-36-0	LA-505-412	U	< 0.294	mg/kg			0.98	0.294		08/09/10
Barium	7440-39-3	LA-505-412		74.1	mg/kg			0.98	0.196		08/09/10
Beryllium	7440-41-7	LA-505-412		0.300	mg/kg			0.98	0.0490		08/09/10
Cadmium	7440-43-9	LA-505-412		0.100	mg/kg			0.98	0.0979		08/09/10
Chromium	7440-47-3	LA-505-412	C	5.90	mg/kg			0.98	0.490		08/09/10
Cobalt	7440-48-4	LA-505-412		6.58	mg/kg			0.98	0.0490		08/09/10
Copper	7440-50-8	LA-505-412		13.8	mg/kg			0.98	0.0979		08/09/10
Vanadium	7440-62-2	LA-505-412		19.9	mg/kg			0.98	0.196		08/09/10
Zinc	7440-66-6	LA-505-412		29.5	mg/kg			0.98	0.783		08/09/10
Lead	7439-92-1	LA-505-412		8.03	mg/kg			0.98	0.0979		08/09/10

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)
D - Analyte was identified at a secondary dilution factor(inorg)
E - Analyte is an estimate, has potentially larger errors(inorg)
N - Spike sample recovery is outside control limits.(inorg)

C - The Analyte was found in the Associated Blank.(inorg)
D - Analyte was identified at a secondary dilution factor.(org)
J - Analyte < lowest calibration but >= MDL.(org)
T - GC/MS only - MS or MSD recovery is outside control limits.

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

REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01885
Client ID: B26X65 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

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		08/09/10
Uranium	7440-61-1	LA-505-412		0.300	mg/kg			0.98	0.0490		08/09/10
Arsenic	7440-38-2	LA-505-412		2.57	mg/kg			0.98	0.392		08/09/10
Selenium	7782-49-2	LA-505-412		1.05	mg/kg			0.98	0.294		08/09/10
Thallium	7440-28-0	LA-505-412	U	< 0.0979	mg/kg			0.98	0.0979		08/09/10
Strontium	7440-24-6	LA-505-412		28.4	mg/kg			0.98	0.0979		08/09/10
Tin	7440-31-5	LA-505-412		0.450	mg/kg			0.98	0.0490		08/09/10
Total solids											
Total solids	TS	LA-519-412		97.5	Percent			1.00	0.0		08/08/10

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: F10-240
Sample # W10GR01886
Client ID: B26X66 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**08/04/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	BD	4.36	mg/kg			50.00	1.6		08/04/10
Hexavalent Chromium Prep											**08/11/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	U	< 0.100	mg/kg			1.00	0.10		08/12/10
ICP Metals Analysis, Grd H20 P Prep											**08/08/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		6.66	mg/kg			99.44	0.40		08/09/10
Boron	7440-42-8	LA-505-411	E	12.1	mg/kg			99.44	1.9		08/09/10
ICP-200.8 MS All possible meta Prep											**08/08/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412		274	mg/kg			0.98	0.0985		08/09/10
Nickel	7440-02-0	LA-505-412		9.48	mg/kg			0.98	0.197		08/09/10
Silver	7440-22-4	LA-505-412	U	< 0.0985	mg/kg			0.98	0.0985		08/09/10
Antimony	7440-36-0	LA-505-412	U	< 0.295	mg/kg			0.98	0.295		08/09/10
Barium	7440-39-3	LA-505-412		73.9	mg/kg			0.98	0.197		08/09/10
Beryllium	7440-41-7	LA-505-412		0.270	mg/kg			0.98	0.0492		08/09/10
Cadmium	7440-43-9	LA-505-412		0.110	mg/kg			0.98	0.0985		08/09/10
Chromium	7440-47-3	LA-505-412	C	6.43	mg/kg			0.98	0.492		08/09/10
Cobalt	7440-48-4	LA-505-412		6.18	mg/kg			0.98	0.0492		08/09/10
Copper	7440-50-8	LA-505-412		15.4	mg/kg			0.98	0.0985		08/09/10
Vanadium	7440-62-2	LA-505-412		19.8	mg/kg			0.98	0.197		08/09/10
Zinc	7440-66-6	LA-505-412		41.2	mg/kg			0.98	0.788		08/09/10
Lead	7439-92-1	LA-505-412		8.38	mg/kg			0.98	0.0985		08/09/10

MDL=Minimum Detection Limit
RQ=Result Qualifier
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C - The Analyte was found in the Associated Blank.(inorg)
D - Analyte was identified at a secondary dilution factor.(org)
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T - GC/MS only - MS or MSD recovery is outside control limits.

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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01886
Client ID: B26X66 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Mercury	7439-97-6	LA-505-412	U	< 0.0492	mg/kg			0.98	0.0492		08/09/10
Uranium	7440-61-1	LA-505-412		0.260	mg/kg			0.98	0.0492		08/09/10
Arsenic	7440-38-2	LA-505-412		3.71	mg/kg			0.98	0.394		08/09/10
Selenium	7782-49-2	LA-505-412		0.750	mg/kg			0.98	0.295		08/09/10
Thallium	7440-28-0	LA-505-412	U	< 0.0985	mg/kg			0.98	0.0985		08/09/10
Strontium	7440-24-6	LA-505-412		22.7	mg/kg			0.98	0.0985		08/09/10
Tin	7440-31-5	LA-505-412		0.800	mg/kg			0.98	0.0492		08/09/10
Total solids											
Total solids	TS	LA-519-412		96.2	Percent			1.00	0.0		08/08/10

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

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C - The Analyte was found in the Associated Blank.(inorg)
D - Analyte was identified at a secondary dilution factor.(org)
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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01887
Client ID: B26X67 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**08/04/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	D	5.28	mg/kg			50.00	1.6		08/04/10
Hexavalent Chromium Prep											**08/11/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	U	< 0.100	mg/kg			1.00	0.10		08/12/10
ICP Metals Analysis, Grd H20 P Prep											**08/08/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		6.69	mg/kg			99.66	0.40		08/09/10
Boron	7440-42-8	LA-505-411	E	11.7	mg/kg			99.66	1.9		08/09/10
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412		261	mg/kg			0.98	0.0984		08/09/10
Nickel	7440-02-0	LA-505-412		7.04	mg/kg			0.98	0.197		08/09/10
Silver	7440-22-4	LA-505-412	U	< 0.0984	mg/kg			0.98	0.0984		08/09/10
Antimony	7440-36-0	LA-505-412	U	< 0.295	mg/kg			0.98	0.295		08/09/10
Barium	7440-39-3	LA-505-412		73.8	mg/kg			0.98	0.197		08/09/10
Beryllium	7440-41-7	LA-505-412		0.275	mg/kg			0.98	0.0492		08/09/10
Cadmium	7440-43-9	LA-505-412	U	< 0.0984	mg/kg			0.94	0.0944		08/09/10
Chromium	7440-47-3	LA-505-412	C	5.41	mg/kg			0.98	0.492		08/09/10
Cobalt	7440-48-4	LA-505-412		5.48	mg/kg			0.98	0.0492		08/09/10
Copper	7440-50-8	LA-505-412		10.2	mg/kg			0.98	0.0984		08/09/10
Vanadium	7440-62-2	LA-505-412		17.7	mg/kg			0.98	0.197		08/09/10
Zinc	7440-66-6	LA-505-412		30.3	mg/kg			0.98	0.788		08/09/10
Lead	7439-92-1	LA-505-412		9.60	mg/kg			0.98	0.0984		08/09/10
Mercury	7439-97-6	LA-505-412	U	< 0.0492	mg/kg			0.98	0.0492		08/09/10

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

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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01887
Client ID: B26X67 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Uranium	7440-61-1	LA-505-412		0.267	mg/kg			0.98	0.0492		08/09/10
Arsenic	7440-38-2	LA-505-412		1.87	mg/kg			0.98	0.394		08/09/10
Selenium	7782-49-2	LA-505-412		0.510	mg/kg			0.98	0.295		08/09/10
Thallium	7440-28-0	LA-505-412	U	< 0.0984	mg/kg			0.98	0.0984		08/09/10
Strontium	7440-24-6	LA-505-412		22.1	mg/kg			0.98	0.0984		08/09/10
Tin	7440-31-5	LA-505-412		0.330	mg/kg			0.98	0.0492		08/09/10
Total solids											
Total solids	TS	LA-519-412		98.3	Percent			1.00	0.0		08/08/10

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

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D - Analyte was identified at a secondary dilution factor(inorg)
E - Analyte is an estimate, has potentially larger errors(inorg)
N - Spike sample recovery is outside control limits.(inorg)

C - The Analyte was found in the Associated Blank.(inorg)
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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01888
Client ID: B26X68 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**08/04/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	D	5.71	mg/kg			49.00	1.5		08/04/10
Hexavalent Chromium Prep											**08/11/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	U	< 0.100	mg/kg			1.00	0.10		08/12/10
ICP Metals Analysis, Grd H20 P Prep											**08/08/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		7.01	mg/kg			98.44	0.39		08/09/10
Boron	7440-42-8	LA-505-411	E	12.4	mg/kg			98.44	1.9		08/09/10
ICP-200.8 MS All possible meta Prep											**08/08/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412		271	mg/kg			0.93	0.0929		08/09/10
Nickel	7440-02-0	LA-505-412		7.84	mg/kg			0.93	0.186		08/09/10
Silver	7440-22-4	LA-505-412	U	< 0.0929	mg/kg			0.93	0.0929		08/09/10
Antimony	7440-36-0	LA-505-412	U	< 0.279	mg/kg			0.93	0.279		08/09/10
Barium	7440-39-3	LA-505-412		73.9	mg/kg			0.93	0.186		08/09/10
Beryllium	7440-41-7	LA-505-412		0.260	mg/kg			0.93	0.0464		08/09/10
Cadmium	7440-43-9	LA-505-412	U	< 0.0929	mg/kg			0.93	0.0929		08/09/10
Chromium	7440-47-3	LA-505-412	C	5.71	mg/kg			0.93	0.464		08/09/10
Cobalt	7440-48-4	LA-505-412		6.03	mg/kg			0.93	0.0464		08/09/10
Copper	7440-50-8	LA-505-412		13.1	mg/kg			0.93	0.0929		08/09/10
Vanadium	7440-62-2	LA-505-412		18.5	mg/kg			0.93	0.186		08/09/10
Zinc	7440-66-6	LA-505-412		34.2	mg/kg			0.93	0.743		08/09/10
Lead	7439-92-1	LA-505-412		9.21	mg/kg			0.93	0.0929		08/09/10

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01888
Client ID: B26X68 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Mercury	7439-97-6	LA-505-412	U	< 0.0464	mg/kg			0.93	0.0464		08/09/10
Uranium	7440-61-1	LA-505-412		0.270	mg/kg			0.93	0.0464		08/09/10
Arsenic	7440-38-2	LA-505-412		2.28	mg/kg			0.93	0.372		08/09/10
Selenium	7782-49-2	LA-505-412		0.570	mg/kg			0.93	0.279		08/09/10
Thallium	7440-28-0	LA-505-412	U	< 0.0929	mg/kg			0.93	0.0929		08/09/10
Strontium	7440-24-6	LA-505-412		28.7	mg/kg			0.93	0.0929		08/09/10
Tin	7440-31-5	LA-505-412		0.510	mg/kg			0.93	0.0464		08/09/10
Total solids											
Total solids	TS	LA-519-412		98.0	Percent			1.00	0.0		08/08/10

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)
D - Analyte was identified at a secondary dilution factor(inorg)
E - Analyte is an estimate, has potentially larger errors(inorg)
N - Spike sample recovery is outside control limits.(inorg)

C - The Analyte was found in the Associated Blank.(inorg)
D - Analyte was identified at a secondary dilution factor.(org)
J - Analyte < lowest calibration but > = MDL.(org)
T - GC/MS only - MS or MSD recovery is outside control limits.

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

REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01889
Client ID: B26X69 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**08/04/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	D	16.4	mg/kg			50.00	1.6		08/04/10
Hexavalent Chromium Prep											**08/11/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	U	< 0.100	mg/kg			1.00	0.10		08/12/10
ICP Metals Analysis, Grd H20 P Prep											**08/08/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		7.08	mg/kg			99.90	0.40		08/09/10
Boron	7440-42-8	LA-505-411	E	13.0	mg/kg			99.90	1.9		08/09/10
ICP-200.8 MS All possible meta Prep											**08/08/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412		253	mg/kg			0.97	0.0971		08/09/10
Nickel	7440-02-0	LA-505-412		8.27	mg/kg			0.97	0.194		08/09/10
Silver	7440-22-4	LA-505-412	U	< 0.0971	mg/kg			0.97	0.0971		08/09/10
Antimony	7440-36-0	LA-505-412	U	< 0.291	mg/kg			0.97	0.291		08/09/10
Barium	7440-39-3	LA-505-412		80.9	mg/kg			0.97	0.194		08/09/10
Beryllium	7440-41-7	LA-505-412		0.230	mg/kg			0.97	0.0486		08/09/10
Cadmium	7440-43-9	LA-505-412		0.130	mg/kg			0.97	0.0971		08/09/10
Chromium	7440-47-3	LA-505-412	C	6.14	mg/kg			0.97	0.486		08/09/10
Cobalt	7440-48-4	LA-505-412		5.29	mg/kg			0.97	0.0486		08/09/10
Copper	7440-50-8	LA-505-412		23.4	mg/kg			0.97	0.0971		08/09/10
Vanadium	7440-62-2	LA-505-412		17.3	mg/kg			0.97	0.194		08/09/10
Zinc	7440-66-6	LA-505-412		51.4	mg/kg			0.97	0.777		08/09/10
Lead	7439-92-1	LA-505-412		21.8	mg/kg			0.97	0.0971		08/09/10

MDL=Minimum Detection Limit
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C - The Analyte was found in the Associated Blank.(inorg)
D - Analyte was identified at a secondary dilution factor.(org)
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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01889
Client ID: B26X69 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Mercury	7439-97-8	LA-505-412	U	< 0.0486	mg/kg			0.97	0.0486		08/09/10
Uranium	7440-61-1	LA-505-412		0.720	mg/kg			0.97	0.0486		08/09/10
Arsenic	7440-38-2	LA-505-412		2.21	mg/kg			0.97	0.389		08/09/10
Selenium	7782-49-2	LA-505-412		0.870	mg/kg			0.97	0.291		08/09/10
Thallium	7440-28-0	LA-505-412	U	< 0.0971	mg/kg			0.97	0.0971		08/09/10
Strontium	7440-24-6	LA-505-412		29.7	mg/kg			0.97	0.0971		08/09/10
Tin	7440-31-5	LA-505-412		3.42	mg/kg			0.97	0.0486		08/09/10
Total solids											
Total solids	TS	LA-519-412		97.7	Percent			1.00	0.0		08/08/10

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)
D - Analyte was identified at a secondary dilution factor(inorg)
E - Analyte is an estimate, has potentially larger errors(inorg)
N - Spike sample recovery is outside control limits.(inorg)

C - The Analyte was found in the Associated Blank.(inorg)
D - Analyte was identified at a secondary dilution factor.(org)
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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01890
Client ID: B26X70 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**08/04/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	DU	< 1.55	mg/kg			50.00	1.6		08/04/10
Hexavalent Chromium Prep											**08/11/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	U	< 0.100	mg/kg			1.00	0.10		08/12/10
ICP Metals Analysis, Grd H20 P Prep											**08/08/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		6.51	mg/kg			99.44	0.40		08/09/10
Boron	7440-42-8	LA-505-411	E	11.6	mg/kg			99.44	1.9		08/09/10
ICP-200.8 MS All possible meta Prep											**08/08/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412		289	mg/kg			0.98	0.0983		08/09/10
Nickel	7440-02-0	LA-505-412		8.50	mg/kg			0.98	0.197		08/09/10
Silver	7440-22-4	LA-505-412	U	< 0.0983	mg/kg			0.98	0.0983		08/09/10
Antimony	7440-36-0	LA-505-412	U	< 0.295	mg/kg			0.98	0.295		08/09/10
Barium	7440-39-3	LA-505-412		83.2	mg/kg			0.98	0.197		08/09/10
Beryllium	7440-41-7	LA-505-412		0.280	mg/kg			0.98	0.0491		08/09/10
Cadmium	7440-43-9	LA-505-412	U	< 0.0983	mg/kg			0.98	0.0983		08/09/10
Chromium	7440-47-3	LA-505-412	C	6.43	mg/kg			0.98	0.491		08/09/10
Cobalt	7440-48-4	LA-505-412		6.42	mg/kg			0.98	0.0491		08/09/10
Copper	7440-50-8	LA-505-412		11.2	mg/kg			0.98	0.0983		08/09/10
Vanadium	7440-62-2	LA-505-412		22.7	mg/kg			0.98	0.197		08/09/10
Zinc	7440-66-6	LA-505-412		31.9	mg/kg			0.98	0.786		08/09/10
Lead	7439-92-1	LA-505-412		6.27	mg/kg			0.98	0.0983		08/09/10

MDL=Minimum Detection Limit
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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01890
Client ID: B26X70 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Mercury	7439-97-6	LA-505-412	U	< 0.0491	mg/kg			0.98	0.0491		08/09/10
Uranium	7440-61-1	LA-505-412		0.290	mg/kg			0.98	0.0491		08/09/10
Arsenic	7440-38-2	LA-505-412		2.18	mg/kg			0.98	0.393		08/09/10
Selenium	7782-49-2	LA-505-412		0.820	mg/kg			0.98	0.295		08/09/10
Thallium	7440-28-0	LA-505-412	U	< 0.0983	mg/kg			0.98	0.0983		08/09/10
Strontium	7440-24-6	LA-505-412		20.0	mg/kg			0.98	0.0983		08/09/10
Tin	7440-31-5	LA-505-412		0.290	mg/kg			0.98	0.0491		08/09/10
Total solids											
Total solids	TS	LA-519-412		95.9	Percent			1.00	0.0		08/08/10

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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01891
Client ID: B26X71 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**08/04/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	D	7.68	mg/kg			50.00	1.6		08/04/10
Hexavalent Chromium Prep											**08/11/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	U	< 0.100	mg/kg			1.00	0.10		08/12/10
ICP Metals Analysis, Grd H20 P Prep											**08/08/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		6.11	mg/kg			1.00e+002	0.40		08/09/10
Boron	7440-42-8	LA-505-411	E	16.9	mg/kg			1.00e+002	1.9		08/09/10
ICP-200.8 MS All possible meta Prep											**08/08/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412		235	mg/kg			0.99	0.0995		08/09/10
Nickel	7440-02-0	LA-505-412		20.9	mg/kg			0.99	0.199		08/09/10
Silver	7440-22-4	LA-505-412		0.310	mg/kg			0.99	0.0995		08/09/10
Antimony	7440-36-0	LA-505-412		0.810	mg/kg			0.99	0.298		08/09/10
Barium	7440-39-3	LA-505-412		105	mg/kg			0.99	0.199		08/09/10
Beryllium	7440-41-7	LA-505-412		0.230	mg/kg			0.99	0.0497		08/09/10
Cadmium	7440-43-9	LA-505-412		0.300	mg/kg			0.99	0.0995		08/09/10
Chromium	7440-47-3	LA-505-412	C	9.57	mg/kg			0.99	0.497		08/09/10
Cobalt	7440-48-4	LA-505-412		5.31	mg/kg			0.99	0.0497		08/09/10
Copper	7440-50-8	LA-505-412		23.8	mg/kg			0.99	0.0995		08/09/10
Vanadium	7440-62-2	LA-505-412		20.9	mg/kg			0.99	0.199		08/09/10
Zinc	7440-66-6	LA-505-412		82.3	mg/kg			0.99	0.796		08/09/10
Lead	7439-92-1	LA-505-412		51.1	mg/kg			0.99	0.0995		08/09/10

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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01891
Client ID: B26X71 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Mercury	7439-97-6	LA-505-412	U	< 0.0497	mg/kg			0.99	0.0497		08/09/10
Uranium	7440-61-1	LA-505-412		0.330	mg/kg			0.99	0.0497		08/09/10
Arsenic	7440-38-2	LA-505-412		2.25	mg/kg			0.99	0.398		08/09/10
Selenium	7782-49-2	LA-505-412		0.630	mg/kg			0.99	0.298		08/09/10
Thallium	7440-28-0	LA-505-412	U	< 0.0995	mg/kg			0.99	0.0995		08/09/10
Strontium	7440-24-6	LA-505-412		35.9	mg/kg			0.99	0.0995		08/09/10
Tin	7440-31-5	LA-505-412		9.41	mg/kg			0.99	0.0497		08/09/10
Total solids											
Total solids	TS	LA-519-412		98.7	Percent			1.00	0.0		08/08/10

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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01892
Client ID: B26XC6 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**08/04/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	D	6.12	mg/kg			50.00	1.6		08/04/10
Hexavalent Chromium Prep											**08/11/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	U	< 0.100	mg/kg			1.00	0.10		08/12/10
ICP Metals Analysis, Grd H20 P Prep											**08/08/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		7.04	mg/kg			1.00e+002	0.40		08/09/10
Boron	7440-42-8	LA-505-411	E	14.5	mg/kg			1.00e+002	1.9		08/09/10
ICP-200.8 MS All possible meta Prep											**08/08/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412		292	mg/kg			0.96	0.0960		08/09/10
Nickel	7440-02-0	LA-505-412		8.20	mg/kg			0.96	0.192		08/09/10
Silver	7440-22-4	LA-505-412	U	< 0.0960	mg/kg			0.96	0.0960		08/09/10
Antimony	7440-36-0	LA-505-412		0.550	mg/kg			0.96	0.288		08/09/10
Barium	7440-39-3	LA-505-412		74.7	mg/kg			0.96	0.192		08/09/10
Beryllium	7440-41-7	LA-505-412		0.270	mg/kg			0.96	0.0480		08/09/10
Cadmium	7440-43-9	LA-505-412		0.160	mg/kg			0.96	0.0960		08/09/10
Chromium	7440-47-3	LA-505-412	C	6.20	mg/kg			0.96	0.480		08/09/10
Cobalt	7440-48-4	LA-505-412		5.85	mg/kg			0.96	0.0480		08/09/10
Copper	7440-50-8	LA-505-412		14.3	mg/kg			0.96	0.0960		08/09/10
Vanadium	7440-62-2	LA-505-412		16.6	mg/kg			0.96	0.192		08/09/10
Zinc	7440-66-6	LA-505-412		32.0	mg/kg			0.96	0.768		08/09/10
Lead	7439-92-1	LA-505-412		107	mg/kg			0.96	0.0960		08/09/10

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N - Spike sample recovery is outside control limits.(inorg)

C - The Analyte was found in the Associated Blank.(inorg)
D - Analyte was identified at a secondary dilution factor.(org)
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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01892
Client ID: B26XC6 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Mercury	7439-97-6	LA-505-412	U	< 0.0480	mg/kg			0.96	0.0480		08/09/10
Uranium	7440-61-1	LA-505-412		0.470	mg/kg			0.96	0.0480		08/09/10
Arsenic	7440-38-2	LA-505-412		2.62	mg/kg			0.96	0.384		08/09/10
Selenium	7782-49-2	LA-505-412		0.590	mg/kg			0.96	0.288		08/09/10
Thallium	7440-28-0	LA-505-412	U	< 0.0960	mg/kg			0.96	0.0960		08/09/10
Strontium	7440-24-6	LA-505-412		27.8	mg/kg			0.96	0.0960		08/09/10
Tin	7440-31-5	LA-505-412		1.01	mg/kg			0.96	0.0480		08/09/10
Total solids											
Total solids	TS	LA-519-412		97.2	Percent			1.00	0.0		08/08/10

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)
D - Analyte was identified at a secondary dilution factor(inorg)
E - Analyte is an estimate, has potentially larger errors(inorg)
N - Spike sample recovery is outside control limits.(inorg)

C - The Analyte was found in the Associated Blank.(inorg)
D - Analyte was identified at a secondary dilution factor.(org)
J - Analyte < lowest calibration but >= MDL.(org)
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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01893
Client ID: B26XC7 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**08/04/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	D	63.8	mg/kg			50.00	1.6		08/04/10
Hexavalent Chromium Prep											**08/19/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	NU	< 0.100	mg/kg			1.00	0.10		08/19/10
ICP Metals Analysis, Grd H20 P Prep											**08/08/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		4.47	mg/kg			99.05	0.40		08/09/10
Boron	7440-42-8	LA-505-411	E	58.3	mg/kg			99.05	1.9		08/09/10
ICP-200.8 MS All possible meta Prep											**08/08/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412		431	mg/kg			1.00	0.0999		08/09/10
Nickel	7440-02-0	LA-505-412		65.3	mg/kg			1.00	0.200		08/09/10
Silver	7440-22-4	LA-505-412		0.190	mg/kg			1.00	0.0999		08/09/10
Antimony	7440-36-0	LA-505-412		1.48	mg/kg			1.00	0.300		08/09/10
Barium	7440-39-3	LA-505-412		61.8	mg/kg			1.00	0.200		08/09/10
Beryllium	7440-41-7	LA-505-412		0.170	mg/kg			1.00	0.0499		08/09/10
Cadmium	7440-43-9	LA-505-412		0.190	mg/kg			1.00	0.0999		08/09/10
Chromium	7440-47-3	LA-505-412	C	34.0	mg/kg			1.00	0.499		08/09/10
Cobalt	7440-48-4	LA-505-412		10.6	mg/kg			1.00	0.0499		08/09/10
Copper	7440-50-8	LA-505-412		84.7	mg/kg			1.00	0.0999		08/09/10
Vanadium	7440-62-2	LA-505-412		10.9	mg/kg			1.00	0.200		08/09/10
Zinc	7440-66-6	LA-505-412		30.7	mg/kg			1.00	0.799		08/09/10
Lead	7439-92-1	LA-505-412		17.5	mg/kg			1.00	0.0999		08/09/10

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)
D - Analyte was identified at a secondary dilution factor(inorg)
E - Analyte is an estimate, has potentially larger errors(inorg)
N - Spike sample recovery is outside control limits.(inorg)

C - The Analyte was found in the Associated Blank.(Inorg)
D - Analyte was identified at a secondary dilution factor.(org)
J - Analyte < lowest calibration but >= MDL.(org)
T - GC/MS only - MS or MSD recovery is outside control limits.

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01893
Client ID: B26XC7 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Mercury	7439-97-6	LA-505-412	U	< 0.0499	mg/kg			1.00	0.0499		08/09/10
Uranium	7440-61-1	LA-505-412		0.240	mg/kg			1.00	0.0499		08/09/10
Arsenic	7440-38-2	LA-505-412		12.7	mg/kg			1.00	0.400		08/09/10
Selenium	7782-49-2	LA-505-412		0.770	mg/kg			1.00	0.300		08/09/10
Thallium	7440-28-0	LA-505-412	U	< 0.0999	mg/kg			1.00	0.0999		08/09/10
Strontium	7440-24-6	LA-505-412		28.0	mg/kg			1.00	0.0999		08/09/10
Tin	7440-31-5	LA-505-412		13.9	mg/kg			1.00	0.0499		08/09/10
Total solids											
Total solids	TS	LA-519-412		97.4	Percent			1.00	0.0		08/08/10

MDL=Minimum Detection Limit
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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01894
Client ID: B26XC8 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**08/04/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	D	5.33	mg/kg			50.00	1.6		08/04/10
Hexavalent Chromium Prep											**08/19/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	NU	< 0.100	mg/kg			1.00	0.10		08/19/10
ICP Metals Analysis, Grd H20 P Prep											**08/08/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411		6.78	mg/kg			1.00e+002	0.40		08/09/10
Boron	7440-42-8	LA-505-411	E	14.1	mg/kg			1.00e+002	1.9		08/09/10
ICP-200.8 MS All possible meta Prep											**08/08/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412		283	mg/kg			0.96	0.0962		08/09/10
Nickel	7440-02-0	LA-505-412		7.79	mg/kg			0.96	0.192		08/09/10
Silver	7440-22-4	LA-505-412	U	< 0.0962	mg/kg			0.96	0.0962		08/09/10
Antimony	7440-36-0	LA-505-412	U	< 0.288	mg/kg			0.96	0.288		08/09/10
Barium	7440-39-3	LA-505-412		77.1	mg/kg			0.96	0.192		08/09/10
Beryllium	7440-41-7	LA-505-412		0.270	mg/kg			0.96	0.0481		08/09/10
Cadmium	7440-43-9	LA-505-412		0.120	mg/kg			0.96	0.0962		08/09/10
Chromium	7440-47-3	LA-505-412	C	6.03	mg/kg			0.96	0.481		08/09/10
Cobalt	7440-48-4	LA-505-412		5.70	mg/kg			0.96	0.0481		08/09/10
Copper	7440-50-8	LA-505-412		12.7	mg/kg			0.96	0.0962		08/09/10
Vanadium	7440-62-2	LA-505-412		15.8	mg/kg			0.96	0.192		08/09/10
Zinc	7440-66-6	LA-505-412		28.5	mg/kg			0.96	0.769		08/09/10
Lead	7439-92-1	LA-505-412		10.3	mg/kg			0.96	0.0962		08/09/10

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01894
Client ID: B26XC8 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Mercury	7439-97-6	LA-505-412	U	< 0.0481	mg/kg			0.96	0.0481		08/09/10
Uranium	7440-61-1	LA-505-412		0.300	mg/kg			0.96	0.0481		08/09/10
Arsenic	7440-38-2	LA-505-412		2.31	mg/kg			0.96	0.385		08/09/10
Selenium	7782-49-2	LA-505-412		0.550	mg/kg			0.96	0.288		08/09/10
Thallium	7440-28-0	LA-505-412	U	< 0.0962	mg/kg			0.96	0.0962		08/09/10
Strontium	7440-24-6	LA-505-412		28.5	mg/kg			0.96	0.0962		08/09/10
Tin	7440-31-5	LA-505-412		0.440	mg/kg			0.96	0.0481		08/09/10
Total solids											
Total solids	TS	LA-519-412		95.3	Percent			1.00	0.0		08/08/10

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TP Err=Total Propagated Error
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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01895
Client ID: B26XC9 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
Anions by Ion Chromatography Prep											**08/05/10**
Anions by Ion Chromatography											
Nitrogen in Nitrate	NO3-N	LA-533-410	D	4.63	mg/kg			50.00	1.6		08/05/10
Hexavalent Chromium Prep											**08/19/10**
Hexavalent Chromium											
Hexavalent Chromium	18540-29-9	LA-265-403	NU	< 0.100	mg/kg			1.00	0.10		08/19/10
ICP Metals Analysis, Grd H20 P Prep											**08/08/10**
ICP Metals Analysis, Grd H20 P											
Lithium	7439-93-2	LA-505-411	X	6.90	mg/kg			99.28	0.40		08/11/10
Boron	7440-42-8	LA-505-411	E	10.8	mg/kg			99.28	1.9		08/11/10
ICP-200.8 MS All possible meta Prep											**08/08/10**
ICP-200.8 MS All possible meta											
Manganese	7439-96-5	LA-505-412		287	mg/kg			1.00	0.0999		08/09/10
Nickel	7440-02-0	LA-505-412		9.77	mg/kg			1.00	0.200		08/09/10
Silver	7440-22-4	LA-505-412	U	< 0.0999	mg/kg			1.00	0.0999		08/09/10
Antimony	7440-36-0	LA-505-412	U	< 0.300	mg/kg			1.00	0.300		08/09/10
Barium	7440-39-3	LA-505-412		78.0	mg/kg			1.00	0.200		08/09/10
Beryllium	7440-41-7	LA-505-412		0.320	mg/kg			1.00	0.0500		08/09/10
Cadmium	7440-43-9	LA-505-412		0.100	mg/kg			1.00	0.0999		08/09/10
Chromium	7440-47-3	LA-505-412	C	6.88	mg/kg			1.00	0.500		08/09/10
Cobalt	7440-48-4	LA-505-412		6.43	mg/kg			1.00	0.0500		08/09/10
Copper	7440-50-8	LA-505-412		15.4	mg/kg			1.00	0.0999		08/09/10
Vanadium	7440-62-2	LA-505-412		17.6	mg/kg			1.00	0.200		08/09/10
Zinc	7440-66-6	LA-505-412		28.8	mg/kg			1.00	0.799		08/09/10
Lead	7439-92-1	LA-505-412		11.0	mg/kg			1.00	0.0999		08/09/10

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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01895
Client ID: B26XC9 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Inorganic
Sampled: 08/03/10
Received: 08/03/10

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		08/09/10
Uranium	7440-61-1	LA-505-412		0.400	mg/kg			1.00	0.0500		08/09/10
Arsenic	7440-38-2	LA-505-412		2.85	mg/kg			1.00	0.400		08/09/10
Selenium	7782-49-2	LA-505-412		0.480	mg/kg			1.00	0.300		08/09/10
Thallium	7440-28-0	LA-505-412	U	< 0.0999	mg/kg			1.00	0.0999		08/09/10
Strontium	7440-24-6	LA-505-412		34.7	mg/kg			1.00	0.0999		08/09/10
Tin	7440-31-5	LA-505-412		0.520	mg/kg			1.00	0.0500		08/09/10
Total solids											
Total solids	TS	LA-519-412		97.2	Percent			1.00	0.0		08/08/10

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REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20101440
Matrix: SOLID
Test: Anions by Ion Chromatography

Sample Date: 08/03/10
Receive Date:08/03/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W10GR01885											
BATCH QC ASSOCIATED WITH SAMPLE											
DUP	Nitrogen in Nitrate	NO3-N	4.4892		RPD			3.620	30.000		08/04/10
MS	Nitrogen in Nitrate	NO3-N	0.462322	102.284	% Recov	80.000	120.000				08/04/10
MSD	Nitrogen in Nitrate	NO3-N	0.449116	99.362	% Recov	80.000	120.000				08/04/10
SPK-RPD	Nitrogen in Nitrate	NO3-N	99.362		RPD			2.898	30.000		08/04/10
BATCH QC											
BLANK	Nitrogen in Nitrate	NO3-N	<3.1e-2	n/a	mg/L	0.000	0.040			U	08/04/10
BLANK	Nitrogen in Nitrate	NO3-N	<3.1e-2	n/a	mg/L	0.000	0.040			U	08/04/10
LCS	Nitrogen in Nitrate	NO3-N	90.1972	99.886	% Recov	80.000	120.000				08/04/10
Lab ID: W100000321											
BATCH QC ASSOCIATED WITH SAMPLE											
DUP	Nitrogen in Nitrate	NO3-N	2.7601		RPD			4.365	30.000		08/05/10
MS	Nitrogen in Nitrate	NO3-N	0.43832	96.973	% Recov	80.000	120.000				08/05/10
MSD	Nitrogen in Nitrate	NO3-N	0.441494	97.676	% Recov	80.000	120.000				08/05/10
SPK-RPD	Nitrogen in Nitrate	NO3-N	97.676		RPD			0.722	30.000		08/05/10
BATCH QC											
BLANK	Nitrogen in Nitrate	NO3-N	<3.1e-2	n/a	mg/L	0.000	0.040			U	08/05/10
BLANK	Nitrogen in Nitrate	NO3-N	<3.1e-2	n/a	mg/L	0.000	0.040			U	08/05/10
LCS	Nitrogen in Nitrate	NO3-N	91.47	101.296	% Recov	80.000	120.000				08/05/10

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20101440
Matrix: SOLID
Test: Hexavalent chromium

Sample Date: 08/04/10
Receive Date:08/04/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W10GR01917											
BATCH QC ASSOCIATED WITH SAMPLE											
SPK-POST	Hexavalent chromium	18540-29-9	0.0534	108.980	% Recov	75.000	125.000				08/12/10
Lab ID: W10GR01918											
BATCH QC ASSOCIATED WITH SAMPLE											
DUP	Hexavalent chromium	18540-29-9	< 0.10		RPD			n/a	15.000	U	08/12/10
MS	Hexavalent chromium	18540-29-9	325	87.366	% Recov	75.000	125.000				08/12/10
MS	Hexavalent chromium	18540-29-9	3.19	80.353	% Recov	75.000	125.000				08/12/10
BATCH QC											
BLNK-PREP	Hexavalent chromium	18540-29-9	< 0.10	n/a	ug/g	0.000	2.000			U	08/12/10
LCS	Hexavalent chromium	18540-29-9	3.86	96.500	% Recov	80.000	120.000				08/12/10
Lab ID: W10GR01893											
BATCH QC ASSOCIATED WITH SAMPLE											
DUP	Hexavalent chromium	18540-29-9	0.11		RPD			n/a	15.000		08/19/10
MS	Hexavalent chromium	18540-29-9	0.68	18.280	% Recov	75.000	125.000		*		08/19/10
MS	Hexavalent chromium	18540-29-9	27	8.308	% Recov	75.000	125.000		*		08/19/10
Lab ID: W10GR01962											
BATCH QC ASSOCIATED WITH SAMPLE											
SPK-POST	Hexavalent chromium	18540-29-9	0.0501	100.200	% Recov	75.000	125.000				08/19/10
BATCH QC											
BLNK-PREP	Hexavalent chromium	18540-29-9	< 0.10	n/a	ug/g	0.000	2.000			U	08/19/10
LCS	Hexavalent chromium	18540-29-9	3.69	96.345	% Recov	80.000	120.000				08/19/10

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20101440
Matrix: SOLID
Test: ICP Metals Analysis, Grd H20 P

Sample Date: 08/03/10
Receive Date:08/03/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W10GR01864											
BATCH QC ASSOCIATED WITH SAMPLE											
MS	Boron	7440-42-8	204.3	101.642	% Recov	75.000	125.000				08/09/10
MS	Lithium	7439-93-2	99.46	99.460	% Recov	70.000	130.000				08/09/10
MSD	Boron	7440-42-8	207.3	103.134	% Recov	75.000	125.000				08/09/10
MSD	Lithium	7439-93-2	98.46	98.460	% Recov	75.000	125.000				08/09/10
SPK-RPD	Boron	7440-42-8	103.134		RPD			1.457	30.000		08/09/10
SPK-RPD	Lithium	7439-93-2	98.460		RPD			1.011	30.000		08/09/10
BATCH QC											
BLANK	Boron	7440-42-8	<1.9e-2	n/a	ug/mL					U	08/09/10
BLANK	Lithium	7439-93-2	<4e-3	n/a	ug/mL					U	08/09/10
LCS	Boron	7440-42-8	136	118.261	% Recov	45.000	156.000				08/09/10
LCS	Lithium	7439-93-2	7.22	85.545	% Recov	80.000	120.000				08/09/10
Lab ID: W10GR01895											
BATCH QC ASSOCIATED WITH SAMPLE											
MS	Boron	7440-42-8	200.2	101.624	% Recov	75.000	125.000				08/11/10
MS	Lithium	7439-93-2	93	94.320	% Recov	70.000	130.000				08/11/10
MSD	Boron	7440-42-8	207.2	105.178	% Recov	75.000	125.000				08/11/10
MSD	Lithium	7439-93-2	97.1	98.479	% Recov	75.000	125.000				08/11/10
SPK-RPD	Boron	7440-42-8	105.178		RPD			3.437	30.000		08/11/10
SPK-RPD	Lithium	7439-93-2	98.479		RPD			4.314	30.000		08/11/10
BATCH QC											
BLANK	Boron	7440-42-8	<1.9e-2	n/a	ug/mL					U	08/11/10
BLANK	Lithium	7439-93-2	<4e-3	n/a	ug/mL					U	08/11/10
LCS	Boron	7440-42-8	127	110.435	% Recov	45.000	156.000				08/11/10

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20101440
Matrix: SOLID
Test: ICP Metals Analysis, Grd H20 P

Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
LCS	Lithium	7439-93-2	6.4	75.829	% Recov	80.000	120.000				08/11/10

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20101440
Matrix: SOLID
Test: ICP-200.8 MS All possible meta

Sample Date: 08/03/10
Receive Date:08/03/10

Lab ID: W10GR01885
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	119.2	119.200	% Recov	70.000	130.000				08/09/10
MS	Arsenic	7440-38-2	92.5	92.500	% Recov	70.000	130.000				08/09/10
MS	Barium	7440-39-3	115.46	115.460	% Recov	70.000	130.000				08/09/10
MS	Beryllium	7440-41-7	113.6	113.600	% Recov	70.000	130.000				08/09/10
MS	Cadmium	7440-43-9	108.1	108.100	% Recov	70.000	130.000				08/09/10
MS	Cobalt	7440-48-4	104.22	104.220	% Recov	70.000	130.000				08/09/10
MS	Chromium	7440-47-3	104.7	104.700	% Recov	70.000	130.000				08/09/10
MS	Copper	7440-50-8	105.96	105.960	% Recov	70.000	130.000				08/09/10
MS	Mercury	7439-97-6	2.14	107.000	% Recov	70.000	130.000				08/09/10
MS	Manganese	7439-96-5	116.6	116.600	% Recov	70.000	130.000				08/09/10
MS	Nickel	7440-02-0	106.41	106.410	% Recov	70.000	130.000				08/09/10
MS	Lead	7439-92-1	109.37	109.370	% Recov	70.000	130.000				08/09/10
MS	Antimony	7440-36-0	89	89.000	% Recov	70.000	130.000				08/09/10
MS	Selenium	7782-49-2	88.6	88.600	% Recov	70.000	130.000				08/09/10
MS	Tin	7440-31-5	110.85	110.850	% Recov	70.000	130.000				08/09/10
MS	Strontium	7440-24-6	106.18	106.180	% Recov	70.000	130.000				08/09/10
MS	Thallium	7440-28-0	108.6	108.600	% Recov	70.000	130.000				08/09/10
MS	Uranium	7440-61-1	112.8	112.800	% Recov	70.000	130.000				08/09/10
MS	Vanadium	7440-62-2	93	93.000	% Recov	70.000	130.000				08/09/10
MS	Zinc	7440-66-6	111.9	111.900	% Recov	70.000	130.000				08/09/10
MSD	Silver	7440-22-4	114.8	114.800	% Recov	70.000	130.000				08/09/10
MSD	Arsenic	7440-38-2	125	125.000	% Recov	70.000	130.000				08/09/10
MSD	Barium	7440-39-3	111.56	111.560	% Recov	70.000	130.000				08/09/10
MSD	Beryllium	7440-41-7	112.2	112.200	% Recov	70.000	130.000				08/09/10
MSD	Cadmium	7440-43-9	103.7	103.700	% Recov	70.000	130.000				08/09/10
MSD	Cobalt	7440-48-4	99.72	99.720	% Recov	70.000	130.000				08/09/10

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20101440
Matrix: SOLID
Test: ICP-200.8 MS All possible meta

Sample Date: 08/03/10
Receive Date:08/03/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
MSD	Chromium	7440-47-3	101	101.000	% Recov	70.000	130.000				08/09/10
MSD	Copper	7440-50-8	100.46	100.460	% Recov	70.000	130.000				08/09/10
MSD	Mercury	7439-97-6	2.04	102.000	% Recov	70.000	130.000				08/09/10
MSD	Manganese	7439-96-5	112.6	112.600	% Recov	70.000	130.000				08/09/10
MSD	Nickel	7440-02-0	102.01	102.010	% Recov	70.000	130.000				08/09/10
MSD	Lead	7439-92-1	104.97	104.970	% Recov	70.000	130.000				08/09/10
MSD	Antimony	7440-36-0	85.45	85.450	% Recov	70.000	130.000				08/09/10
MSD	Selenium	7782-49-2	117	117.000	% Recov	70.000	130.000				08/09/10
MSD	Tin	7440-31-5	104.95	104.950	% Recov	70.000	130.000				08/09/10
MSD	Strontium	7440-24-6	100.78	100.780	% Recov	70.000	130.000				08/09/10
MSD	Thallium	7440-28-0	104.2	104.200	% Recov	70.000	130.000				08/09/10
MSD	Uranium	7440-61-1	106.8	106.800	% Recov	70.000	130.000				08/09/10
MSD	Vanadium	7440-62-2	130	130.000	% Recov	70.000	130.000				08/09/10
MSD	Zinc	7440-66-6	103.8	103.800	% Recov	70.000	130.000				08/09/10
SPK-RPD	Silver	7440-22-4	114.800		RPD			3.761	30.000		08/09/10
SPK-RPD	Arsenic	7440-38-2	125.000		RPD			29.885	30.000		08/09/10
SPK-RPD	Barium	7440-39-3	111.560		RPD			3.436	30.000		08/09/10
SPK-RPD	Beryllium	7440-41-7	112.200		RPD			1.240	30.000		08/09/10
SPK-RPD	Cadmium	7440-43-9	103.700		RPD			4.155	30.000		08/09/10
SPK-RPD	Cobalt	7440-48-4	99.720		RPD			4.413	20.000		08/09/10
SPK-RPD	Chromium	7440-47-3	101.000		RPD			3.597	30.000		08/09/10
SPK-RPD	Copper	7440-50-8	100.460		RPD			5.329	30.000		08/09/10
SPK-RPD	Mercury	7439-97-6	102.000		RPD			4.785	30.000		08/09/10
SPK-RPD	Manganese	7439-96-5	112.600		RPD			3.490	30.000		08/09/10
SPK-RPD	Nickel	7440-02-0	102.010		RPD			4.222	30.000		08/09/10
SPK-RPD	Lead	7439-92-1	104.970		RPD			4.106	30.000		08/09/10
SPK-RPD	Antimony	7440-36-0	85.450		RPD			4.070	30.000		08/09/10
SPK-RPD	Selenium	7782-49-2	117.000		RPD			27.626	30.000		08/09/10
SPK-RPD	Tin	7440-31-5	104.950		RPD			5.468	30.000		08/09/10
SPK-RPD	Strontium	7440-24-6	100.780		RPD			5.218	30.000		08/09/10

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20101440
Matrix: SOLID
Test: ICP-200.8 MS All possible meta

Sample Date: 08/03/10
Receive Date:08/03/10

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	104.200		RPD			4.135	30.000		08/09/10
SPK-RPD	Uranium	7440-61-1	106.800		RPD			5.464	30.000		08/09/10
SPK-RPD	Vanadium	7440-62-2	130.000		RPD			33.184	30.000 •		08/09/10
SPK-RPD	Zinc	7440-66-6	103.800		RPD			7.510	30.000		08/09/10
BATCH QC											
BLANK	Silver	7440-22-4	<0.1	n/a	ug/L					U	08/09/10
BLANK	Arsenic	7440-38-2	<0.4	n/a	ug/L					U	08/09/10
BLANK	Barium	7440-39-3	<0.2	n/a	ug/L					U	08/09/10
BLANK	Beryllium	7440-41-7	<5e-2	n/a	ug/L					U	08/09/10
BLANK	Cadmium	7440-43-9	<0.1	n/a	ug/L					U	08/09/10
BLANK	Cobalt	7440-48-4	<5e-2	n/a	ug/L					U	08/09/10
BLANK	Chromium	7440-47-3	1.61	1.610	ug/L						08/09/10
BLANK	Copper	7440-50-8	0.45	0.450	ug/L						08/09/10
BLANK	Mercury	7439-97-6	<5e-2	n/a	ug/L					U	08/09/10
BLANK	Manganese	7439-96-5	<0.1	n/a	ug/L					U	08/09/10
BLANK	Nickel	7440-02-0	<0.2	n/a	ug/L					U	08/09/10
BLANK	Lead	7439-92-1	<0.1	n/a	ug/L					U	08/09/10
BLANK	Antimony	7440-36-0	<0.3	n/a	ug/L					U	08/09/10
BLANK	Selenium	7782-49-2	<0.3	n/a	ug/L					U	08/09/10
BLANK	Tin	7440-31-5	<5e-2	n/a	ug/L					U	08/09/10
BLANK	Strontium	7440-24-6	<0.1	n/a	ug/L					U	08/09/10
BLANK	Thallium	7440-28-0	<0.1	n/a	ug/L					U	08/09/10
BLANK	Uranium	7440-61-1	<5e-2	n/a	ug/L					U	08/09/10
BLANK	Vanadium	7440-62-2	<0.2	n/a	ug/L					U	08/09/10
BLANK	Zinc	7440-66-6	0.92	0.920	ug/L						08/09/10
LCS	Silver	7440-22-4	126.1	124.851	% Recov	81.000	128.000				08/09/10
LCS	Arsenic	7440-38-2	124	93.939	% Recov	78.000	124.000				08/09/10
LCS	Barium	7440-39-3	319.7	100.219	% Recov	77.000	119.000				08/09/10
LCS	Beryllium	7440-41-7	96.9	108.268	% Recov	78.000	118.000				08/09/10

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Inorganic

SDG Number: WSCF20101440
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	72.12	108.451	% Recov	75.000	127.000				08/09/10
LCS	Cobalt	7440-48-4	76.86	105.144	% Recov	75.000	124.000				08/09/10
LCS	Chromium	7440-47-3	66.34	91.001	% Recov	67.000	119.000				08/09/10
LCS	Copper	7440-50-8	65.26	95.270	% Recov	68.000	122.000				08/09/10
LCS	Mercury	7439-97-6	7.56	91.304	% Recov	72.000	117.000				08/09/10
LCS	Manganese	7439-96-5	432.5	95.475	% Recov	72.000	123.000				08/09/10
LCS	Nickel	7440-02-0	56.12	100.935	% Recov	73.000	123.000				08/09/10
LCS	Lead	7439-92-1	138	106.154	% Recov	77.000	125.000				08/09/10
LCS	Antimony	7440-36-0	80.12	88.825	% Recov	65.000	203.000				08/09/10
LCS	Selenium	7782-49-2	154	95.652	% Recov	82.000	129.000				08/09/10
LCS	Tin	7440-31-5	190.4	110.058	% Recov	83.000	127.000				08/09/10
LCS	Strontium	7440-24-6	53.51	98.364	% Recov	77.000	118.000				08/09/10
LCS	Thallium	7440-28-0	142.3	106.992	% Recov	55.000	130.000				08/09/10
LCS	Uranium	7440-61-1	415.2	103.800	% Recov	84.000	110.000				08/09/10
LCS	Vanadium	7440-62-2	70.3	84.699	% Recov	65.000	122.000				08/09/10
LCS	Zinc	7440-66-6	173.8	98.192	% Recov	75.000	130.000				08/09/10

REVISION 1

WSCF
ANALYTICAL COMMENT REPORT

Attention: Steve Trent
Project Number F10-240

Group #: WSCF20101440
Department: Inorganic

Sample #	Client ID	Lab Area	Test	Comment
		VALGROUP		ICP-AES: Estimated boron result due to iron interference; "E" flag. The lithium laboratory control standard recovery is below the laboratory QC limits; affected lithium data are "X" flagged. The laboratory is currently using an administrative range of 80% to 120%. The recoveries do meet the internal statistical range of 48% to 119%. Organics - All data moisture corrected and results reported on a dry weight basis. DTS TPHD-WA - Samples W10GR01885-1888, 1893: Diesel concentration reported contains compounds which co-elute between diesel and motor oil range. DTS ICP-MS: Chromium, Copper, Zinc PB above MDL. "C" flags where needed. Vanadium spike MSD more than 20% SVOA: Surrogate spikes were low in MSD; T flagged. MS 8/17/1 Cr +6: MS and IMS were very low. Sample was likely reducing.

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

REVISION 1

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01874
Client ID: B26XB0 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 0.890	ug/kg			1.00	0.89		08/08/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.180	ug/kg			1.00	0.18		08/08/10
Benzene	71-43-2	LA-523-455	U	< 0.890	ug/kg			1.00	0.89		08/08/10
Toluene	108-88-3	LA-523-455	U	< 0.890	ug/kg			1.00	0.89		08/08/10
Chlorobenzene	108-90-7	LA-523-455	U	< 0.890	ug/kg			1.00	0.89		08/08/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 0.890	ug/kg			1.00	0.89		08/08/10

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)
D - Analyte was identified at a secondary dilution factor(inorg)
E - Analyte is an estimate, has potentially larger errors(inorg)
N - Spike sample recovery is outside control limits.(inorg)

C - The Analyte was found in the Associated Blank.(inorg)
D - Analyte was identified at a secondary dilution factor.(org)
J - Analyte < lowest calibration but > = MDL.(org)
T - GC/MS only - MS or MSD recovery is outside control limits.

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01875
Client ID: B26XB1 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 0.800	ug/kg			1.00	0.80		08/09/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.160	ug/kg			1.00	0.16		08/09/10
Benzene	71-43-2	LA-523-455	U	< 0.800	ug/kg			1.00	0.80		08/09/10
Toluene	108-88-3	LA-523-455	U	< 0.800	ug/kg			1.00	0.80		08/09/10
Chlorobenzene	108-90-7	LA-523-455	U	< 0.800	ug/kg			1.00	0.80		08/09/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 0.800	ug/kg			1.00	0.80		08/09/10

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)
D - Analyte was identified at a secondary dilution factor(inorg)
E - Analyte is an estimate, has potentially larger errors(inorg)
N - Spike sample recovery is outside control limits.(inorg)

C - The Analyte was found in the Associated Blank.(inorg)
D - Analyte was identified at a secondary dilution factor.(org)
J - Analyte < lowest calibration but >= MDL.(org)
T - GC/MS only - MS or MSD recovery is outside control limits.

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

REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01876
Client ID: B26XB2 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		08/09/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.200	ug/kg			1.00	0.20		08/09/10
Benzene	71-43-2	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		08/09/10
Toluene	108-88-3	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		08/09/10
Chlorobenzene	108-90-7	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		08/09/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 0.980	ug/kg			1.00	0.98		08/09/10

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)
D - Analyte was identified at a secondary dilution factor(inorg)
E - Analyte is an estimate, has potentially larger errors(inorg)
N - Spike sample recovery is outside control limits.(inorg)

C - The Analyte was found in the Associated Blank.(inorg)
D - Analyte was identified at a secondary dilution factor.(org)
J - Analyte < lowest calibration but > = MDL.(org)
T - GC/MS only - MS or MSD recovery is outside control limits.

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01877
Client ID: B26XB3 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 0.940	ug/kg			1.00	0.94		08/09/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.190	ug/kg			1.00	0.19		08/09/10
Benzene	71-43-2	LA-523-455	U	< 0.940	ug/kg			1.00	0.94		08/09/10
Toluene	108-88-3	LA-523-455	U	< 0.940	ug/kg			1.00	0.94		08/09/10
Chlorobenzene	108-90-7	LA-523-455	U	< 0.940	ug/kg			1.00	0.94		08/09/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 0.940	ug/kg			1.00	0.94		08/09/10

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)
D - Analyte was identified at a secondary dilution factor(inorg)
E - Analyte is an estimate, has potentially larger errors(inorg)
N - Spike sample recovery is outside control limits.(inorg)

C - The Analyte was found in the Associated Blank.(inorg)
D - Analyte was identified at a secondary dilution factor.(org)
J - Analyte < lowest calibration but > = MDL.(org)
T - GC/MS only - MS or MSD recovery is outside control limits.

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01878
Client ID: B26XB4 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 1.10	ug/kg			1.00	1.1		08/09/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.210	ug/kg			1.00	0.21		08/09/10
Benzene	71-43-2	LA-523-455	U	< 1.10	ug/kg			1.00	1.1		08/09/10
Toluene	108-88-3	LA-523-455	U	< 1.10	ug/kg			1.00	1.1		08/09/10
Chlorobenzene	108-90-7	LA-523-455	U	< 1.10	ug/kg			1.00	1.1		08/09/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 1.10	ug/kg			1.00	1.1		08/09/10

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)
D - Analyte was identified at a secondary dilution factor(inorg)
E - Analyte is an estimate, has potentially larger errors(inorg)
N - Spike sample recovery is outside control limits.(inorg)

C - The Analyte was found in the Associated Blank.(inorg)
D - Analyte was identified at a secondary dilution factor.(org)
J - Analyte < lowest calibration but > = MDL.(org)
T - GC/MS only - MS or MSD recovery is outside control limits.

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01879
Client ID: B26XB5 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 0.970	ug/kg			1.00	0.97		08/09/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.190	ug/kg			1.00	0.19		08/09/10
Benzene	71-43-2	LA-523-455	U	< 0.970	ug/kg			1.00	0.97		08/09/10
Toluene	108-88-3	LA-523-455	U	< 0.970	ug/kg			1.00	0.97		08/09/10
Chlorobenzene	108-90-7	LA-523-455	U	< 0.970	ug/kg			1.00	0.97		08/09/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 0.970	ug/kg			1.00	0.97		08/09/10

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)
D - Analyte was identified at a secondary dilution factor(inorg)
E - Analyte is an estimate, has potentially larger errors(inorg)
N - Spike sample recovery is outside control limits.(inorg)

C - The Analyte was found in the Associated Blank.(inorg)
D - Analyte was identified at a secondary dilution factor.(org)
J - Analyte < lowest calibration but > = MDL.(org)
T - GC/MS only - MS or MSD recovery is outside control limits.

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01880
Client ID: B26XB6 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 1.30	ug/kg			1.00	1.3		08/09/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.270	ug/kg			1.00	0.27		08/09/10
Benzene	71-43-2	LA-523-455	U	< 1.30	ug/kg			1.00	1.3		08/09/10
Toluene	108-88-3	LA-523-455	U	< 1.30	ug/kg			1.00	1.3		08/09/10
Chlorobenzene	108-90-7	LA-523-455	U	< 1.30	ug/kg			1.00	1.3		08/09/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 1.30	ug/kg			1.00	1.3		08/09/10

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)
D - Analyte was identified at a secondary dilution factor(inorg)
E - Analyte is an estimate, has potentially larger errors(inorg)
N - Spike sample recovery is outside control limits.(inorg)

C - The Analyte was found in the Associated Blank.(inorg)
D - Analyte was identified at a secondary dilution factor.(org)
J - Analyte < lowest calibration but >= MDL.(org)
T - GC/MS only - MS or MSD recovery is outside control limits.

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01881
Client ID: B26XD4 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		08/09/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.180	ug/kg			1.00	0.18		08/09/10
Benzene	71-43-2	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		08/09/10
Toluene	108-88-3	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		08/09/10
Chlorobenzene	108-90-7	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		08/09/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 0.880	ug/kg			1.00	0.88		08/09/10

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)
D - Analyte was identified at a secondary dilution factor(inorg)
E - Analyte is an estimate, has potentially larger errors(inorg)
N - Spike sample recovery is outside control limits.(inorg)

C - The Analyte was found in the Associated Blank.(inorg)
D - Analyte was identified at a secondary dilution factor.(org)
J - Analyte < lowest calibration but >= MDL.(org)
T - GC/MS only - MS or MSD recovery is outside control limits.

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01882
Client ID: B26XD5 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 0.550	ug/kg			1.00	0.55		08/09/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.110	ug/kg			1.00	0.11		08/09/10
Benzene	71-43-2	LA-523-455	U	< 0.550	ug/kg			1.00	0.55		08/09/10
Toluene	108-88-3	LA-523-455	U	< 0.550	ug/kg			1.00	0.55		08/09/10
Chlorobenzene	108-90-7	LA-523-455	U	< 0.550	ug/kg			1.00	0.55		08/09/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 0.550	ug/kg			1.00	0.55		08/09/10

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)
D - Analyte was identified at a secondary dilution factor(inorg)
E - Analyte is an estimate, has potentially larger errors(inorg)
N - Spike sample recovery is outside control limits.(inorg)

C - The Analyte was found in the Associated Blank.(inorg)
D - Analyte was identified at a secondary dilution factor.(org)
J - Analyte < lowest calibration but > = MDL.(org)
T - GC/MS only - MS or MSD recovery is outside control limits.

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01883
Client ID: B26XD6 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 1.10	ug/kg			1.00	1.1		08/09/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.220	ug/kg			1.00	0.22		08/09/10
Benzene	71-43-2	LA-523-455	U	< 1.10	ug/kg			1.00	1.1		08/09/10
Toluene	108-88-3	LA-523-455	U	< 1.10	ug/kg			1.00	1.1		08/09/10
Chlorobenzene	108-90-7	LA-523-455	U	< 1.10	ug/kg			1.00	1.1		08/09/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 1.10	ug/kg			1.00	1.1		08/09/10

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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N - Spike sample recovery is outside control limits.(inorg)

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D - Analyte was identified at a secondary dilution factor.(org)
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T - GC/MS only - MS or MSD recovery is outside control limits.

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01884
Client ID: B26XD7 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
VOA Ground Water Protection											
1,1-Dichloroethene	75-35-4	LA-523-455	U	< 0.790	ug/kg			1.00	0.79		08/09/10
Trichloroethene	79-01-6	LA-523-455	U	< 0.160	ug/kg			1.00	0.16		08/09/10
Benzene	71-43-2	LA-523-455	U	< 0.790	ug/kg			1.00	0.79		08/09/10
Toluene	108-88-3	LA-523-455	U	< 0.790	ug/kg			1.00	0.79		08/09/10
Chlorobenzene	108-90-7	LA-523-455	U	< 0.790	ug/kg			1.00	0.79		08/09/10
Carbon tetrachloride	56-23-5	LA-523-455	U	< 0.790	ug/kg			1.00	0.79		08/09/10

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TP Err=Total Propagated Error
DF=Dilution Factor

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01885
Client ID: B26X65 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**08/08/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	X	23.0	mg/kg			1.00	4.1		08/11/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 4.10	mg/kg			1.00	4.1		08/11/10
PCBs complete list Prep											**08/08/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 8.20	ug/kg			1.00	8.2		08/11/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
SW-846 8270C Semi-Vols Prep											**08/08/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/13/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 260	ug/kg			1.00	2.6e+02		08/13/10
Phenol	108-95-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Pyrene	129-00-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Acenaphthene	83-32-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 410	ug/kg			1.00	4.1e+02		08/13/10

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01885
Client ID: B26X65 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

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		08/13/10
Anthracene	120-12-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		08/13/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/13/10
Benzo(b)fluoranthene	205-99-2	LA-523-458	U	< 200	ug/kg			1.00	2.0e+02		08/13/10
Fluoranthene	206-44-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 210	ug/kg			1.00	2.1e+02		08/13/10
Acenaphthylene	208-96-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Chrysene	218-01-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 230	ug/kg			1.00	2.3e+02		08/13/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/13/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Phenanthrene	85-01-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		06/13/10
Fluorene	86-73-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Naphthalene	91-20-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10

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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T - GC/MS only - MS or MSD recovery is outside control limits.

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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01886
Client ID: B26X66 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**08/08/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	X	25.0	mg/kg			1.00	4.1		08/11/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 4.10	mg/kg			1.00	4.1		08/11/10
PCBs complete list Prep											**08/08/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 8.30	ug/kg			1.00	8.3		08/11/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
SW-846 8270C Semi-Vols Prep											**08/08/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/13/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 260	ug/kg			1.00	2.6e+02		08/13/10
Phenol	108-95-2	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
Pyrene	129-00-0	LA-523-456	U	< 160	ug/kg			1.00	1.8e+02		08/13/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
Acenaphthene	83-32-9	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 410	ug/kg			1.00	4.1e+02		08/13/10

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

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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01886
Client ID: B26X66 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

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		08/13/10
Anthracene	120-12-7	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		08/13/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/13/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 210	ug/kg			1.00	2.1e+02		08/13/10
Fluoranthene	206-44-0	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 210	ug/kg			1.00	2.1e+02		08/13/10
Acenaphthylene	208-96-8	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
Chrysene	218-01-9	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 230	ug/kg			1.00	2.3e+02		08/13/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/13/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
Phenanthrene	85-01-8	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
Fluorene	86-73-7	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
Naphthalene	91-20-3	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10

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)
D - Analyte was identified at a secondary dilution factor(inorg)
E - Analyte is an estimate, has potentially larger errors(inorg)
N - Spike sample recovery is outside control limits.(inorg)

C - The Analyte was found in the Associated Blank.(inorg)
D - Analyte was identified at a secondary dilution factor.(org)
J - Analyte < lowest calibration but > = MDL.(org)
T - GC/MS only - MS or MSD recovery is outside control limits.

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01887
Client ID: B26X67 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**08/08/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	X	25.0	mg/kg			1.00	4.1		08/11/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 4.10	mg/kg			1.00	4.1		08/11/10
PCBs complete list Prep											**08/08/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 8.10	ug/kg			1.00	8.1		08/11/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
SW-846 8270C Semi-Vols Prep											**08/08/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/13/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 260	ug/kg			1.00	2.6e+02		08/13/10
Phenol	108-95-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Pyrene	129-00-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Acenaphthene	83-32-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 410	ug/kg			1.00	4.1e+02		08/13/10

MDL=Minimum Detection Limit
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B - The analyte < the RDL but >= the IDL/MDL (inorg)
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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01887
Client ID: B26X67 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

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		08/13/10
Anthracene	120-12-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		08/13/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/13/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		08/13/10
Fluoranthene	206-44-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 210	ug/kg			1.00	2.1e+02		08/13/10
Acenaphthylene	208-96-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Chrysene	218-01-9	LA-523-458	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 230	ug/kg			1.00	2.3e+02		08/13/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/13/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Phenanthrene	85-01-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Fluorene	86-73-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Naphthalene	91-20-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10

MDL=Minimum Detection Limit
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T - GC/MS only - MS or MSD recovery is outside control limits.

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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01888
Client ID: B26X68 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**08/08/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	DX	28.0	mg/kg			2.00	8.1		08/13/10
Kerosene	TPHKEROSENE	LA-523-493	DU	< 8.10	mg/kg			2.00	8.1		08/13/10
PCBs complete list Prep											**08/08/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 8.20	ug/kg			1.00	8.2		08/11/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
SW-846 8270C Semi-Vols Prep											**08/08/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/13/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 260	ug/kg			1.00	2.6e+02		08/13/10
Phenol	108-95-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Pyrene	129-00-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Acenaphthene	83-32-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 410	ug/kg			1.00	4.1e+02		08/13/10

MDL=Minimum Detection Limit
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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01888
Client ID: B26X68 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

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		08/13/10
Anthracene	120-12-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		08/13/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/13/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		08/13/10
Fluoranthene	206-44-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 210	ug/kg			1.00	2.1e+02		08/13/10
Acenaphthylene	208-96-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Chrysene	218-01-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 230	ug/kg			1.00	2.3e+02		08/13/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/13/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Phenanthrene	85-01-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Fluorene	86-73-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Naphthalene	91-20-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10

MDL=Minimum Defection Limit
RQ=Result Qualifier
TP Err=Total Propagated Error
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C - The Analyte was found in the Associated Blank.(inorg)
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T - GC/MS only - MS or MSD recovery is outside control limits.

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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01889
Client ID: B26X69 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**08/08/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	U	< 4.10	mg/kg			1.00	4.1		08/11/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 4.10	mg/kg			1.00	4.1		08/11/10
PCBs complete list Prep											**08/08/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 8.20	ug/kg			1.00	8.2		08/11/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
SW-846 8270C Semi-Vols Prep											**08/08/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/13/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 260	ug/kg			1.00	2.6e+02		08/13/10
Phenol	108-95-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Pyrene	129-00-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Acenaphthene	83-32-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 410	ug/kg			1.00	4.1e+02		08/13/10

MDL=Minimum Detection Limit
RQ=Result Qualifier
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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01889
Client ID: B26X69 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

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		08/13/10
Anthracene	120-12-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		08/13/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/13/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		08/13/10
Fluoranthene	206-44-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 210	ug/kg			1.00	2.1e+02		08/13/10
Acenaphthylene	208-96-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Chrysene	218-01-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 230	ug/kg			1.00	2.3e+02		08/13/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/13/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Phenanthrene	85-01-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Fluorene	86-73-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Naphthalene	91-20-3	LA-523-456	J	170	ug/kg			1.00	1.5e+02		08/13/10

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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01890
Client ID: B26X70 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**08/08/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	U	< 4.20	mg/kg			1.00	4.2		08/11/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 4.20	mg/kg			1.00	4.2		08/11/10
PCBs complete list Prep											**08/08/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 4.20	ug/kg			1.00	4.2		08/11/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 8.30	ug/kg			1.00	8.3		08/11/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 4.20	ug/kg			1.00	4.2		08/11/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 4.20	ug/kg			1.00	4.2		08/11/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 4.20	ug/kg			1.00	4.2		08/11/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 4.20	ug/kg			1.00	4.2		08/11/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 4.20	ug/kg			1.00	4.2		08/11/10
SW-846 8270C Semi-Vols Prep											**08/08/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/13/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 260	ug/kg			1.00	2.6e+02		08/13/10
Phenol	108-95-2	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
Pyrene	129-00-0	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
Acenaphthene	83-32-9	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 420	ug/kg			1.00	4.2e+02		08/13/10

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)
D - Analyte was identified at a secondary dilution factor(inorg)
E - Analyte is an estimate, has potentially larger errors(inorg)
N - Spike sample recovery is outside control limits.(inorg)

C - The Analyte was found in the Associated Blank.(inorg)
D - Analyte was identified at a secondary dilution factor.(org)
J - Analyte < lowest calibration but > = MDL.(org)
T - GC/MS only - MS or MSD recovery is outside control limits.

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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01890
Client ID: B26X70 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

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		08/13/10
Anthracene	120-12-7	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/13/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/13/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 210	ug/kg			1.00	2.1e+02		08/13/10
Fluoranthene	206-44-0	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 210	ug/kg			1.00	2.1e+02		08/13/10
Acenaphthylene	208-96-8	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
Chrysene	218-01-9	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 240	ug/kg			1.00	2.4e+02		08/13/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/13/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
Phenanthrene	85-01-8	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
Fluorene	86-73-7	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10
Naphthalene	91-20-3	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/13/10

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DF=Dilution Factor

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C - The Analyte was found in the Associated Blank.(inorg)
D - Analyte was identified at a secondary dilution factor.(org)
J - Analyte < lowest calibration but > = MDL.(org)
T - GC/MS only - MS or MSD recovery is outside control limits.

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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01891
Client ID: B26X71 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**08/08/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	U	< 4.00	mg/kg			1.00	4.0		08/11/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 4.00	mg/kg			1.00	4.0		08/11/10
PCBs complete list Prep											**08/08/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 4.00	ug/kg			1.00	4.0		08/11/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 8.10	ug/kg			1.00	8.1		08/11/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 4.00	ug/kg			1.00	4.0		08/11/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 4.00	ug/kg			1.00	4.0		08/11/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 4.00	ug/kg			1.00	4.0		08/11/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 4.00	ug/kg			1.00	4.0		08/11/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 4.00	ug/kg			1.00	4.0		08/11/10
SW-846 8270C Semi-Vols Prep											**08/08/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		08/13/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 260	ug/kg			1.00	2.6e+02		08/13/10
Phenol	108-95-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Pyrene	129-00-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Acenaphthene	83-32-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 410	ug/kg			1.00	4.1e+02		08/13/10

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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01891
Client ID: B26X71 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

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		08/13/10
Anthracene	120-12-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		08/13/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		08/13/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		08/13/10
Fluoranthene	206-44-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 200	ug/kg			1.00	2.0e+02		08/13/10
Acenaphthylene	208-96-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Chrysene	218-01-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 230	ug/kg			1.00	2.3e+02		08/13/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		08/13/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Phenanthrene	85-01-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Fluorene	86-73-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10
Naphthalene	91-20-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/13/10

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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01892
Client ID: B26XC6 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**08/08/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	U	< 4.10	mg/kg			1.00	4.1		08/11/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 4.10	mg/kg			1.00	4.1		08/11/10
PCBs complete list Prep											**08/08/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 8.20	ug/kg			1.00	8.2		08/11/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
SW-846 8270C Semi-Vols Prep											**08/08/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/14/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 260	ug/kg			1.00	2.6e+02		08/14/10
Phenol	108-95-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Pyrene	129-00-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Acenaphthene	83-32-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 410	ug/kg			1.00	4.1e+02		08/14/10

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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01892
Client ID: B26XC6 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

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		08/14/10
Anthracene	120-12-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		08/14/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/14/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 210	ug/kg			1.00	2.1e+02		08/14/10
Fluoranthene	206-44-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 210	ug/kg			1.00	2.1e+02		08/14/10
Acenaphthylene	208-96-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Chrysene	218-01-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 230	ug/kg			1.00	2.3e+02		08/14/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/14/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Phenanthrene	85-01-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Fluorene	86-73-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Naphthalene	91-20-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01893
Client ID: B26XC7 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**08/08/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	X	25.0	mg/kg			1.00	4.1		08/11/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 4.10	mg/kg			1.00	4.1		08/11/10
PCBs complete list Prep											**08/08/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 8.20	ug/kg			1.00	8.2		08/11/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1260	11096-82-5	LA-523-427	J	6.30	ug/kg			1.00	4.1		08/11/10
SW-846 8270C Semi-Vols Prep											**08/08/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/14/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 260	ug/kg			1.00	2.6e+02		08/14/10
Phenol	108-95-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Pyrene	129-00-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Acenaphthene	83-32-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 410	ug/kg			1.00	4.1e+02		08/14/10

MDL=Minimum Detection Limit
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- Indicates results that have NOT been validated; + - Indicates more than six qualifier symbols

REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01893
Client ID: B26XC7 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

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		08/14/10
Anthracene	120-12-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		08/14/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/14/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 210	ug/kg			1.00	2.1e+02		08/14/10
Fluoranthene	206-44-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 210	ug/kg			1.00	2.1e+02		08/14/10
Acenaphthylene	208-96-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Chrysene	218-01-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 230	ug/kg			1.00	2.3e+02		08/14/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/14/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Phenanthrene	85-01-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Fluorene	86-73-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Naphthalene	91-20-3	LA-523-456	J	160	ug/kg			1.00	1.5e+02		08/14/10

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

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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01894
Client ID: B26XC8 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**08/08/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	U	< 4.20	mg/kg			1.00	4.2		08/11/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 4.20	mg/kg			1.00	4.2		08/11/10
PCBs complete list Prep											**08/08/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 4.20	ug/kg			1.00	4.2		08/11/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 8.40	ug/kg			1.00	8.4		08/11/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 4.20	ug/kg			1.00	4.2		08/11/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 4.20	ug/kg			1.00	4.2		08/11/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 4.20	ug/kg			1.00	4.2		08/11/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 4.20	ug/kg			1.00	4.2		08/11/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 4.20	ug/kg			1.00	4.2		08/11/10
SW-846 8270C Semi-Vols Prep											**08/08/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 350	ug/kg			1.00	3.5e+02		08/14/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 260	ug/kg			1.00	2.6e+02		08/14/10
Phenol	108-95-2	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/14/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/14/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/14/10
Pyrene	129-00-0	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/14/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/14/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/14/10
Acenaphthene	83-32-9	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/14/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 420	ug/kg			1.00	4.2e+02		08/14/10

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TP Err = Total Propagated Error
DF = Dilution Factor

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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01894
Client ID: B26XC8 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

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		08/14/10
Anthracene	120-12-7	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/14/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/14/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 350	ug/kg			1.00	3.5e+02		08/14/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 210	ug/kg			1.00	2.1e+02		08/14/10
Fluoranthene	206-44-0	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/14/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 210	ug/kg			1.00	2.1e+02		08/14/10
Acenaphthylene	208-96-8	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/14/10
Chrysene	218-01-9	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/14/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 240	ug/kg			1.00	2.4e+02		08/14/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 350	ug/kg			1.00	3.5e+02		08/14/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/14/10
Phenanthrene	85-01-8	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/14/10
Fluorene	86-73-7	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/14/10
Naphthalene	91-20-3	LA-523-456	U	< 160	ug/kg			1.00	1.6e+02		08/14/10

MDL=Minimum Detection Limit
RQ=Result Qualifier
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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01895
Client ID: B26XC9 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

Test Performed	CAS #	Method	RQ	Result	Unit	TP Err	Unit	DF	MDL	PQL	Analysis Date
NWTPH-D TPH Diesel Range (Wa) Prep											**08/08/10**
NWTPH-D TPH Diesel Range (Wa)											
Total Pet. Hydrocarbons Diesel	TPHDIESEL	LA-523-493	U	< 4.10	mg/kg			1.00	4.1		08/11/10
Kerosene	TPHKEROSENE	LA-523-493	U	< 4.10	mg/kg			1.00	4.1		08/11/10
PCBs complete list Prep											**08/08/10**
PCBs complete list											
Aroclor-1016	12674-11-2	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1221	11104-28-2	LA-523-427	U	< 8.20	ug/kg			1.00	8.2		08/11/10
Aroclor-1232	11141-16-5	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1242	53469-21-9	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1248	12672-29-6	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1254	11097-69-1	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
Aroclor-1260	11096-82-5	LA-523-427	U	< 4.10	ug/kg			1.00	4.1		08/11/10
SW-846 8270C Semi-Vols Prep											**08/08/10**
SW-846 8270C Semi-Vols											
4-Nitrophenol	100-02-7	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/14/10
1,4-Dichlorobenzene	106-46-7	LA-523-456	U	< 260	ug/kg			1.00	2.6e+02		08/14/10
Phenol	108-95-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
1,2,4-Trichlorobenzene	120-82-1	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
2,4-Dinitrotoluene	121-14-2	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Pyrene	129-00-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
4-Chloro-3-methylphenol	59-50-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
N-Nitrosodi-n-dipropylamine	621-64-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Acenaphthene	83-32-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Pentachlorophenol	87-86-5	LA-523-456	U	< 410	ug/kg			1.00	4.1e+02		08/14/10

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REVISION 1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
SAF Number: F10-240
Sample # W10GR01895
Client ID: B26XC9 GPP WSCF

Matrix: SOIL

Group #: WSCF20101440
Department: Organic
Sampled: 08/03/10
Received: 08/03/10

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		08/14/10
Anthracene	120-12-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Benzo(ghi)perylene	191-24-2	LA-523-456	U	< 330	ug/kg			1.00	3.3e+02		08/14/10
Indeno(1,2,3-cd)pyrene	193-39-5	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/14/10
Benzo(b)fluoranthene	205-99-2	LA-523-456	U	< 210	ug/kg			1.00	2.1e+02		08/14/10
Fluoranthene	206-44-0	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Benzo(k)fluoranthene	207-08-9	LA-523-456	U	< 210	ug/kg			1.00	2.1e+02		08/14/10
Acenaphthylene	208-96-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Chrysene	218-01-9	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Benzo(a)pyrene	50-32-8	LA-523-456	U	< 230	ug/kg			1.00	2.3e+02		08/14/10
Dibenz[a,h]anthracene	53-70-3	LA-523-456	U	< 340	ug/kg			1.00	3.4e+02		08/14/10
Benzo(a)anthracene	56-55-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Phenanthrene	85-01-8	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Fluorene	86-73-7	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10
Naphthalene	91-20-3	LA-523-456	U	< 150	ug/kg			1.00	1.5e+02		08/14/10

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REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20101440
Matrix: SOLID
Test: NWTPH-D TPH Diesel Range (Wa)

Sample Date: 08/03/10
Receive Date:08/03/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W10GR01885											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	ortho-Terphenyl Surr	84-15-1	21.361	104.000	% Recov	70.000	130.000				08/11/10
Lab ID: W10GR01886											
BATCH QC ASSOCIATED WITH SAMPLE											
MS	ortho-Terphenyl Surr	84-15-1	21.592	104.000	% Recov	70.000	130.000				08/11/10
MS	Total Pet. Hydrocarbons Diesel	TPHDIESEL	102.34	98.700	% Recov	75.000	125.000				08/11/10
MSD	ortho-Terphenyl Surr	84-15-1	22.719	109.000	% Recov	70.000	130.000				08/11/10
MSD	Total Pet. Hydrocarbons Diesel	TPHDIESEL	91.621	88.300	% Recov	75.000	125.000				08/11/10
SPK-RPD	ortho-Terphenyl Surr	84-15-1	109.000		RPD			4.695	30.000		08/11/10
SPK-RPD	Total Pet. Hydrocarbons Diesel	TPHDIESEL	88.300		RPD			11.123	30.000		08/11/10
SURR	ortho-Terphenyl Surr	84-15-1	21.515	104.000	% Recov	70.000	130.000				08/11/10
Lab ID: W10GR01887											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	ortho-Terphenyl Surr	84-15-1	21.563	106.000	% Recov	70.000	130.000				08/11/10
Lab ID: W10GR01888											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	ortho-Terphenyl Surr	84-15-1	24.166	119.000	% Recov	70.000	130.000				08/13/10
Lab ID: W10GR01889											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	ortho-Terphenyl Surr	84-15-1	22.014	108.000	% Recov	70.000	130.000				08/11/10
Lab ID: W10GR01890											
BATCH QC ASSOCIATED WITH SAMPLE											

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20101440
Matrix: SOLID
Test: NWTPH-D TPH Diesel Range (Wa)

Sample Date: 08/03/10
Receive Date:08/03/10

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	21.108	101.000	% Recov	70.000	130.000				08/11/10
Lab ID: W10GR01891												
BATCH QC ASSOCIATED WITH SAMPLE												
SURR	ortho-Terphenyl	Surr	84-15-1	21.979	109.000	% Recov	70.000	130.000				08/11/10
Lab ID: W10GR01892												
BATCH QC ASSOCIATED WITH SAMPLE												
SURR	ortho-Terphenyl	Surr	84-15-1	22.370	109.000	% Recov	70.000	130.000				08/11/10
Lab ID: W10GR01893												
BATCH QC ASSOCIATED WITH SAMPLE												
SURR	ortho-Terphenyl	Surr	84-15-1	23.402	114.000	% Recov	70.000	130.000				08/11/10
Lab ID: W10GR01894												
BATCH QC ASSOCIATED WITH SAMPLE												
SURR	ortho-Terphenyl	Surr	84-15-1	21.578	103.000	% Recov	70.000	130.000				08/11/10
Lab ID: W10GR01895												
BATCH QC ASSOCIATED WITH SAMPLE												
SURR	ortho-Terphenyl	Surr	84-15-1	19.995	97.300	% Recov	70.000	130.000				08/11/10
BATCH QC												
BLANK	Kerosene		TPHKEROSENE	< 4.0	n/a	ug/Kg					U	08/11/10
BLANK	ortho-Terphenyl	Surr	84-15-1	20.131	101.000	% Recov	70.000	130.000				08/11/10
BLANK	Total Pet. Hydrocarbons Diesel		TPHDIESEL	< 4.0	n/a	ug/Kg					U	08/11/10
LCS	ortho-Terphenyl	Surr	84-15-1	15.536	77.700	% Recov	70.000	130.000				08/11/10
LCS	Total Pet. Hydrocarbons Diesel		TPHDIESEL	87.345	87.300	% Recov	80.000	120.000				08/11/10

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20101440
Matrix: SOLID
Test: PCBs complete list

Sample Date: 08/03/10
Receive Date:08/03/10

Lab ID: W10GR01887

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	Aroclor-1254	11097-69-1	75.650	93.000	% Recov	75.000	125.000				08/11/10
MS	Decachlorobiphenyl	2051-24-3	73.222	90.000	% Recov	50.000	150.000				08/11/10
MS	Tetrachloro-m-xylene	877-09-8	73.726	90.600	% Recov	50.000	150.000				08/11/10
MSD	Aroclor-1254	11097-69-1	72.540	89.500	% Recov	75.000	125.000				08/11/10
MSD	Decachlorobiphenyl	2051-24-3	71.625	88.300	% Recov	50.000	150.000				08/11/10
MSD	Tetrachloro-m-xylene	877-09-8	72.293	89.200	% Recov	50.000	150.000				08/11/10
SPK-RPD	Aroclor-1254	11097-69-1	89.500		RPD			3.836	30.000		08/11/10
SPK-RPD	Decachlorobiphenyl	2051-24-3	88.300		RPD			1.907	30.000		08/11/10
SPK-RPD	Tetrachloro-m-xylene	877-09-8	89.200		RPD			1.557	30.000		08/11/10

BATCH QC

BLANK	Aroclor-1016	12674-11-2	< 4.0	n/a	UGKG					U	08/11/10
BLANK	Aroclor-1221	11104-28-2	< 8.0	n/a	ug/Kg					U	08/11/10
BLANK	Aroclor-1232	11141-16-5	< 4.0	n/a	ug/Kg					U	08/11/10
BLANK	Aroclor-1242	53469-21-9	< 4.0	n/a	ug/Kg					U	08/11/10
BLANK	Aroclor-1248	12672-29-6	< 4.0	n/a	ug/Kg					U	08/11/10
BLANK	Aroclor-1254	11097-69-1	< 4.0	n/a	ug/Kg					U	08/11/10
BLANK	Aroclor-1260	11096-82-5	< 4.0	n/a	ug/Kg					U	08/11/10
BLANK	Decachlorobiphenyl	2051-24-3	74.116	92.600	% Recov	50.000	150.000				08/11/10
BLANK	Tetrachloro-m-xylene	877-09-8	66.598	83.200	% Recov	50.000	150.000				08/11/10
LCS	Aroclor-1254	11097-69-1	88.284	110.000	% Recov	70.000	130.000				08/11/10
LCS	Decachlorobiphenyl	2051-24-3	73.693	92.100	% Recov	50.000	150.000				08/11/10
LCS	Tetrachloro-m-xylene	877-09-8	74.581	93.200	% Recov	50.000	150.000				08/11/10

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20101440
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

Sample Date: 08/03/10
Receive Date:08/03/10

Lab ID: W10GR01885
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	1,2,4-Trichlorobenzene	120-82-1	5666.0	92.200	% Recov	75.000	121.000				08/13/10
MS	1,4-Dichlorobenzene	106-46-7	5472.2	89.000	% Recov	68.000	121.000				08/13/10
MS	2,4-Dinitrotoluene	121-14-2	5979.1	97.300	% Recov	66.000	113.000				08/13/10
MS	2-Fluorophenol(Surr)	367-12-4	3285.2	80.200	% Recov	72.000	120.000				08/13/10
MS	Acenaphthene	83-32-9	5778.6	94.000	% Recov	69.000	125.000				08/13/10
MS	4-Chloro-3-methylphenol	59-50-7	5596.4	91.000	% Recov	68.000	116.000				08/13/10
MS	2-Chlorophenol	95-57-8	5946.2	96.700	% Recov	65.000	124.000				08/13/10
MS	N-Nitrosodi-n-dipropylamine	621-64-7	6039.6	98.200	% Recov	69.000	127.000				08/13/10
MS	2-Fluorobiphenyl(Surr)	321-60-8	3312.0	80.800	% Recov	66.000	122.000				08/13/10
MS	Phenol	108-95-2	5958.5	96.900	% Recov	71.000	122.000				08/13/10
MS	Nitrobenzene-d5(Surr)	4165-60-0	3226.2	78.700	% Recov	63.000	125.000				08/13/10
MS	4-Nitrophenol	100-02-7	5768.8	93.800	% Recov	55.000	113.000				08/13/10
MS	Pentachlorophenol	87-86-5	5085.0	82.700	% Recov	50.000	113.000				08/13/10
MS	Phenol-d5(Surr)	4165-62-2	3515.8	85.800	% Recov	66.000	124.000				08/13/10
MS	Pyrene	129-00-0	6169.2	100.000	% Recov	67.000	125.000				08/13/10
MS	2,4,6-Tribromophenol(Surr)	118-79-8	3719.7	90.800	% Recov	49.000	120.000				08/13/10
MS	Terphenyl-d14(Surr)	98904-43-9	3733.9	91.100	% Recov	58.000	128.000				08/13/10
MSD	1,2,4-Trichlorobenzene	120-82-1	5419.8	88.100	% Recov	75.000	121.000				08/13/10
MSD	1,4-Dichlorobenzene	108-46-7	5331.0	86.700	% Recov	68.000	121.000				08/13/10
MSD	2,4-Dinitrotoluene	121-14-2	5438.4	88.400	% Recov	66.000	113.000				08/13/10
MSD	2-Fluorophenol(Surr)	367-12-4	2397.7	58.500	% Recov	72.000	120.000			*	08/13/10
MSD	Acenaphthene	83-32-9	5396.8	87.800	% Recov	69.000	125.000				08/13/10
MSD	4-Chloro-3-methylphenol	59-50-7	5263.1	85.600	% Recov	68.000	116.000				08/13/10
MSD	2-Chlorophenol	95-57-8	5725.8	93.100	% Recov	65.000	124.000				08/13/10
MSD	N-Nitrosodi-n-dipropylamine	621-64-7	5730.2	93.200	% Recov	69.000	127.000				08/13/10
MSD	2-Fluorobiphenyl(Surr)	321-60-8	2432.0	59.300	% Recov	66.000	122.000			*	08/13/10

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20101440
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

Sample Date: 08/03/10
Receive Date:08/03/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
MSD	Phenol	108-95-2	5572.3	90.600	% Recov	71.000	122.000				08/13/10
MSD	Nitrobenzene-d5(Surr)	4165-60-0	2213.6	54.000	% Recov	63.000	125.000		•		08/13/10
MSD	4-Nitrophenol	100-02-7	5190.3	84.400	% Recov	55.000	113.000				08/13/10
MSD	Pentachlorophenol	87-86-5	4648.1	75.600	% Recov	50.000	113.000				08/13/10
MSD	Phenol-d5(Surr)	4165-82-2	2593.9	63.300	% Recov	86.000	124.000		•		08/13/10
MSD	Pyrene	129-00-0	6351.4	103.000	% Recov	67.000	125.000				08/13/10
MSD	2,4,6-Tribromophenol(Surr)	118-79-6	3236.9	79.000	% Recov	49.000	120.000				08/13/10
MSD	Terphenyl-d14(Surr)	98904-43-9	3950.0	98.400	% Recov	58.000	128.000				08/13/10
SPK-RPD	1,2,4-Trichlorobenzene	120-82-1	88.100		RPD			4.548	30.000		08/13/10
SPK-RPD	1,4-Dichlorobenzene	106-46-7	88.700		RPD			2.818	30.000		08/13/10
SPK-RPD	2,4-Dinitrotoluene	121-14-2	88.400		RPD			9.585	30.000		08/13/10
SPK-RPD	2-Fluorophenol(Surr)	367-12-4	58.500		RPD			31.291	30.000 •		08/13/10
SPK-RPD	Acenaphthene	83-32-9	87.800		RPD			6.821	30.000		08/13/10
SPK-RPD	4-Chloro-3-methylphenol	59-50-7	85.600		RPD			8.116	30.000		08/13/10
SPK-RPD	2-Chlorophenol	95-57-8	93.100		RPD			3.793	30.000		08/13/10
SPK-RPD	N-Nitrosodi-n-dipropylamine	621-64-7	93.200		RPD			5.225	30.000		08/13/10
SPK-RPD	2-Fluorobiphenyl(Surr)	321-60-8	59.300		RPD			30.692	30.000 •		08/13/10
SPK-RPD	Phenol	108-95-2	90.600		RPD			8.720	30.000		08/13/10
SPK-RPD	Nitrobenzene-d5(Surr)	4165-60-0	54.000		RPD			37.227	30.000 •		08/13/10
SPK-RPD	4-Nitrophenol	100-02-7	84.400		RPD			10.550	30.000		08/13/10
SPK-RPD	Pentachlorophenol	87-86-5	75.600		RPD			8.970	30.000		08/13/10
SPK-RPD	Phenol-d5(Surr)	4165-62-2	63.300		RPD			30.181	30.000 •		08/13/10
SPK-RPD	Pyrene	129-00-0	103.000		RPD			2.956	30.000		08/13/10
SPK-RPD	2,4,6-Tribromophenol(Surr)	118-79-6	79.000		RPD			13.899	30.000		08/13/10
SPK-RPD	Terphenyl-d14(Surr)	98904-43-9	96.400		RPD			5.653	30.000		08/13/10
SURR	2-Fluorophenol(Surr)	367-12-4	4185.2	102.000	% Recov	72.000	120.000				08/13/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	4020.7	98.100	% Recov	66.000	122.000				08/13/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	3865.2	94.300	% Recov	63.000	125.000				08/13/10
SURR	Phenol-d5(Surr)	4165-82-2	4164.4	102.000	% Recov	86.000	124.000				08/13/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	4289.9	105.000	% Recov	49.000	120.000				08/13/10

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20101440
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

Sample Date: 08/03/10
Receive Date:08/03/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
SURR	Terphenyl-d14(Surr)	98904-43-9	5239.8	128.000	% Recov	58.000	128.000				08/13/10
Lab ID: W10GR01886											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	2-Fluorophenol(Surr)	367-12-4	3778.8	91.100	% Recov	72.000	120.000				08/13/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	3634.5	87.600	% Recov	66.000	122.000				08/13/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	3560.1	85.800	% Recov	63.000	125.000				08/13/10
SURR	Phenol-d5(Surr)	4165-62-2	3725.8	89.800	% Recov	66.000	124.000				08/13/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	3822.5	92.100	% Recov	49.000	120.000				08/13/10
SURR	Terphenyl-d14(Surr)	98904-43-9	4417.0	106.000	% Recov	58.000	128.000				08/13/10
Lab ID: W10GR01887											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	2-Fluorophenol(Surr)	367-12-4	3664.9	90.200	% Recov	72.000	120.000				08/13/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	3727.1	91.800	% Recov	66.000	122.000				08/13/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	3324.7	81.900	% Recov	63.000	125.000				08/13/10
SURR	Phenol-d5(Surr)	4165-62-2	4089.6	101.000	% Recov	66.000	124.000				08/13/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	4466.9	110.000	% Recov	49.000	120.000				08/13/10
SURR	Terphenyl-d14(Surr)	98904-43-9	4844.6	119.000	% Recov	58.000	128.000				08/13/10
Lab ID: W10GR01888											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	2-Fluorophenol(Surr)	367-12-4	3985.6	98.100	% Recov	72.000	120.000				08/13/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	3932.3	96.800	% Recov	66.000	122.000				08/13/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	3575.0	88.000	% Recov	63.000	125.000				08/13/10
SURR	Phenol-d5(Surr)	4165-62-2	4362.3	107.000	% Recov	66.000	124.000				08/13/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	4326.1	107.000	% Recov	49.000	120.000				08/13/10
SURR	Terphenyl-d14(Surr)	98904-43-9	5052.5	124.000	% Recov	58.000	128.000				08/13/10

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20101440
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

Sample Date: 08/03/10
Receive Date:08/03/10

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Lower Limit	Upper Limit	RPD(%)	RPD Limit	RQ	Analysis Date
Lab ID: W10GR01889											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	2-Fluorophenol(Surr)	367-12-4	3161.6	77.300	% Recov	72.000	120.000				08/13/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	3545.4	86.700	% Recov	66.000	122.000				08/13/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	2721.8	66.600	% Recov	63.000	125.000				08/13/10
SURR	Phenol-d5(Surr)	4165-62-2	3944.4	96.500	% Recov	66.000	124.000				08/13/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	3816.8	93.300	% Recov	49.000	120.000				08/13/10
SURR	Terphenyl-d14(Surr)	98904-43-9	5149.7	126.000	% Recov	58.000	128.000				08/13/10
Lab ID: W10GR01890											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	2-Fluorophenol(Surr)	367-12-4	3712.2	89.000	% Recov	72.000	120.000				08/13/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	3862.0	92.600	% Recov	66.000	122.000				08/13/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	3718.3	89.200	% Recov	63.000	125.000				08/13/10
SURR	Phenol-d5(Surr)	4165-62-2	3997.2	95.900	% Recov	66.000	124.000				08/13/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	3977.8	95.400	% Recov	49.000	120.000				08/13/10
SURR	Terphenyl-d14(Surr)	98904-43-9	4794.4	115.000	% Recov	58.000	128.000				08/13/10
Lab ID: W10GR01891											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	2-Fluorophenol(Surr)	367-12-4	3635.3	89.700	% Recov	72.000	120.000				08/13/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	3690.6	91.100	% Recov	66.000	122.000				08/13/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	3241.2	80.000	% Recov	63.000	125.000				08/13/10
SURR	Phenol-d5(Surr)	4165-62-2	3901.9	96.300	% Recov	66.000	124.000				08/13/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	4111.2	101.000	% Recov	49.000	120.000				08/13/10
SURR	Terphenyl-d14(Surr)	98904-43-9	4966.6	123.000	% Recov	58.000	128.000				08/13/10
Lab ID: W10GR01892											
BATCH QC ASSOCIATED WITH SAMPLE											

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20101440
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

Sample Date: 08/03/10
Receive Date:08/03/10

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	3957.4	96.200	% Recov	72.000	120.000				08/14/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	4085.9	99.300	% Recov	66.000	122.000				08/14/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	3899.4	94.800	% Recov	63.000	125.000				08/14/10
SURR	Phenol-d5(Surr)	4165-62-2	4347.5	106.000	% Recov	66.000	124.000				08/14/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	4485.4	109.000	% Recov	49.000	120.000				08/14/10
SURR	Terphenyl-d14(Surr)	98904-43-9	5239.3	127.000	% Recov	58.000	128.000				08/14/10

Lab ID: W10GR01893
BATCH QC ASSOCIATED WITH SAMPLE

SURR	2-Fluorophenol(Surr)	367-12-4	3881.5	94.500	% Recov	72.000	120.000				08/14/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	3936.6	95.900	% Recov	66.000	122.000				08/14/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	3571.1	87.000	% Recov	63.000	125.000				08/14/10
SURR	Phenol-d5(Surr)	4165-62-2	4165.1	101.000	% Recov	66.000	124.000				08/14/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	4515.5	110.000	% Recov	49.000	120.000				08/14/10
SURR	Terphenyl-d14(Surr)	98904-43-9	5580.0	136.000	% Recov	58.000	128.000				08/14/10

Lab ID: W10GR01894
BATCH QC ASSOCIATED WITH SAMPLE

SURR	2-Fluorophenol(Surr)	367-12-4	3061.2	73.100	% Recov	72.000	120.000				08/14/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	3323.4	79.400	% Recov	66.000	122.000				08/14/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	2928.0	70.000	% Recov	63.000	125.000				08/14/10
SURR	Phenol-d5(Surr)	4165-62-2	3422.9	81.800	% Recov	66.000	124.000				08/14/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	3909.9	93.400	% Recov	49.000	120.000				08/14/10
SURR	Terphenyl-d14(Surr)	98904-43-9	5132.9	123.000	% Recov	58.000	128.000				08/14/10

Lab ID: W10GR01895
BATCH QC ASSOCIATED WITH SAMPLE

SURR	2-Fluorophenol(Surr)	367-12-4	3208.3	78.000	% Recov	72.000	120.000				08/14/10
SURR	2-Fluorobiphenyl(Surr)	321-60-8	3375.5	82.100	% Recov	66.000	122.000				08/14/10
SURR	Nitrobenzene-d5(Surr)	4165-60-0	2839.8	69.100	% Recov	63.000	125.000				08/14/10

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20101440
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

Sample Date: 08/03/10
Receive Date:08/03/10

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	3518.0	85.600	% Recov	66.000	124.000				08/14/10
SURR	2,4,6-Tribromophenol(Surr)	118-79-6	3105.3	75.500	% Recov	49.000	120.000				08/14/10
SURR	Terphenyl-d14(Surr)	98904-43-9	4860.2	118.000	% Recov	58.000	128.000				08/14/10
BATCH QC											
BLANK	1,2,4-Trichlorobenzene	120-82-1	< 150	n/a	ug/Kg					U	08/13/10
BLANK	1,4-Dichlorobenzene	106-46-7	< 250	n/a	ug/Kg					U	08/13/10
BLANK	2,4-Dinitrotoluene	121-14-2	< 150	n/a	ug/Kg					U	08/13/10
BLANK	2-Fluorophenol(Surr)	367-12-4	3930.9	98.300	% Recov	72.000	120.000				08/13/10
BLANK	Acenaphthene	83-32-9	< 150	n/a	ug/Kg					U	08/13/10
BLANK	Acenaphthylene	208-96-8	< 150	n/a	ug/Kg					U	08/13/10
BLANK	Anthracene	120-12-7	< 150	n/a	ug/Kg					U	08/13/10
BLANK	Benzo(a)anthracene	56-55-3	< 150	n/a	ug/Kg					U	08/13/10
BLANK	Benzo(b)fluoranthene	205-99-2	< 200	n/a	ug/Kg					U	08/13/10
BLANK	Benzo(ghi)perylene	191-24-2	< 320	n/a	ug/Kg					U	08/13/10
BLANK	Benzo(a)pyrene	50-32-8	< 230	n/a	ug/Kg					U	08/13/10
BLANK	Benzo(k)fluoranthene	207-08-9	< 200	n/a	ug/Kg					U	08/13/10
BLANK	4-Chloro-3-methylphenol	59-50-7	< 150	n/a	ug/Kg					U	08/13/10
BLANK	2-Chlorophenol	95-57-8	< 150	n/a	ug/Kg					U	08/13/10
BLANK	Chrysene	218-01-9	< 150	n/a	ug/Kg					U	08/13/10
BLANK	Dibenz[a,h]anthracene	53-70-3	< 330	n/a	ug/Kg					U	08/13/10
BLANK	N-Nitrosodi-n-dipropylamine	621-64-7	< 150	n/a	ug/Kg					U	08/13/10
BLANK	2-Fluorobiphenyl(Surr)	321-60-8	3798.3	95.000	% Recov	66.000	122.000				08/13/10
BLANK	Fluorene	86-73-7	< 150	n/a	ug/Kg					U	08/13/10
BLANK	Fluoranthene	206-44-0	< 150	n/a	ug/Kg					U	08/13/10
BLANK	Indeno(1,2,3-cd)pyrene	193-39-5	< 330	n/a	ug/Kg					U	08/13/10
BLANK	Phenol	108-95-2	< 150	n/a	ug/Kg					U	08/13/10
BLANK	Naphthalene	91-20-3	< 150	n/a	ug/Kg					U	08/13/10
BLANK	Nitrobenzene-d5(Surr)	4165-60-0	3507.8	87.700	% Recov	63.000	125.000				08/13/10
BLANK	4-Nitrophenol	100-02-7	< 330	n/a	ug/Kg					U	08/13/10

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20101440
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	Pentachlorophenol	87-86-5	< 400	n/a	ug/Kg					U	08/13/10
BLANK	Phenanthrene	85-01-8	< 150	n/a	ug/Kg					U	08/13/10
BLANK	Phenol-d5(Surr)	4165-62-2	4000.6	100.000	% Recov	66.000	124.000				08/13/10
BLANK	Pyrene	129-00-0	< 150	n/a	ug/Kg					U	08/13/10
BLANK	2,4,6-Tribromophenol(Surr)	118-79-6	3264.1	81.600	% Recov	49.000	120.000				08/13/10
BLANK	Terphenyl-d14(Surr)	98904-43-9	5313.0	133.000	% Recov	58.000	128.000				08/13/10
LCS	1,2,4-Trichlorobenzene	120-82-1	5821.1	97.000	% Recov	76.000	118.000				08/13/10
LCS	1,4-Dichlorobenzene	106-46-7	5642.2	94.000	% Recov	68.000	121.000				08/13/10
LCS	2,4-Dinitrotoluene	121-14-2	5850.1	97.500	% Recov	68.000	112.000				08/13/10
LCS	2-Fluorophenol(Surr)	367-12-4	2883.7	72.100	% Recov	50.000	110.000				08/13/10
LCS	Acenaphthene	83-32-9	5849.4	97.500	% Recov	75.000	121.000				08/13/10
LCS	4-Chloro-3-methylphenol	59-50-7	5684.9	94.700	% Recov	68.000	117.000				08/13/10
LCS	2-Chlorophenol	95-57-8	5966.6	99.400	% Recov	84.000	114.000				08/13/10
LCS	N-Nitrosodi-n-dipropylamine	621-64-7	5949.6	99.200	% Recov	76.000	119.000				08/13/10
LCS	2-Fluorobiphenyl(Surr)	321-60-8	3131.8	78.300	% Recov	58.000	109.000				08/13/10
LCS	Phenol	108-95-2	5960.7	99.300	% Recov	80.000	113.000				08/13/10
LCS	Nitrobenzene-d5(Surr)	4165-60-0	2759.2	69.000	% Recov	60.000	118.000				08/13/10
LCS	4-Nitrophenol	100-02-7	5308.5	88.500	% Recov	42.000	123.000				08/13/10
LCS	Pentachlorophenol	87-86-5	3860.8	64.300	% Recov	55.000	120.000				08/13/10
LCS	Phenol-d5(Surr)	4165-62-2	3237.9	80.900	% Recov	59.000	116.000				08/13/10
LCS	Pyrene	129-00-0	6262.6	104.000	% Recov	67.000	122.000				08/13/10
LCS	2,4,6-Tribromophenol(Surr)	118-79-6	3581.1	89.500	% Recov	60.000	120.000				08/13/10
LCS	Terphenyl-d14(Surr)	98904-43-9	3784.1	94.600	% Recov	60.000	120.000				08/13/10

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20101440
Matrix: SOLID
Test: VOA Ground Water Protection

Sample Date: 08/03/10
Receive Date:08/03/10

Lab ID: W10GR01874
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	20.120	96.400	% Recov	63.000	117.000				08/09/10
MS	Benzene	71-43-2	21.560	103.000	% Recov	75.000	129.000				08/09/10
MS	4-Bromofluorobenzene(Surr)	460-00-4	42.050	101.000	% Recov	75.000	125.000				08/09/10
MS	Chlorobenzene	108-90-7	20.950	100.000	% Recov	79.000	119.000				08/09/10
MS	1,2-Dichloroethane-d4(Surr)	17060-07-0	44.480	107.000	% Recov	75.000	125.000				08/09/10
MS	Toluene-d8(Surr)	2037-26-5	44.030	105.000	% Recov	75.000	125.000				08/09/10
MS	Toluene	108-88-3	20.980	100.000	% Recov	76.000	120.000				08/09/10
MS	Trichloroethene	79-01-6	19.080	91.400	% Recov	73.000	123.000				08/09/10
MSD	1,1-Dichloroethene	75-35-4	23.270	92.200	% Recov	63.000	117.000				08/09/10
MSD	Benzene	71-43-2	25.800	102.000	% Recov	75.000	129.000				08/09/10
MSD	4-Bromofluorobenzene(Surr)	460-00-4	49.900	98.900	% Recov	75.000	125.000				08/09/10
MSD	Chlorobenzene	108-90-7	24.450	96.900	% Recov	79.000	119.000				08/09/10
MSD	1,2-Dichloroethane-d4(Surr)	17060-07-0	54.440	108.000	% Recov	75.000	125.000				08/09/10
MSD	Toluene-d8(Surr)	2037-26-5	53.560	106.000	% Recov	75.000	125.000				08/09/10
MSD	Toluene	108-88-3	24.890	98.600	% Recov	76.000	120.000				08/09/10
MSD	Trichloroethene	79-01-6	22.130	87.700	% Recov	73.000	123.000				08/09/10
SPK-RPD	1,1-Dichloroethene	75-35-4	92.200		RPD			4.454	20.000		08/09/10
SPK-RPD	Benzene	71-43-2	102.000		RPD			0.976	20.000		08/09/10
SPK-RPD	4-Bromofluorobenzene(Surr)	460-00-4	98.900		RPD			2.101	20.000		08/09/10
SPK-RPD	Chlorobenzene	108-90-7	96.900		RPD			3.149	20.000		08/09/10
SPK-RPD	1,2-Dichloroethane-d4(Surr)	17060-07-0	108.000		RPD			0.930	20.000		08/09/10
SPK-RPD	Toluene-d8(Surr)	2037-26-5	106.000		RPD			0.948	20.000		08/09/10
SPK-RPD	Toluene	108-88-3	98.600		RPD			1.410	20.000		08/09/10
SPK-RPD	Trichloroethene	79-01-6	87.700		RPD			4.132	20.000		08/09/10
SURR	4-Bromofluorobenzene(Surr)	460-00-4	44.850	101.000	% Recov	75.000	125.000				08/08/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	48.540	109.000	% Recov	75.000	125.000				08/08/10

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20101440
Matrix: SOLID
Test: VOA Ground Water Protection

Sample Date: 08/03/10
Receive Date:08/03/10

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	45.990	103.000	% Recov	80.000	126.000				08/08/10
Lab ID: W10GR01875											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	40.790	102.000	% Recov	75.000	125.000				08/09/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	43.090	108.000	% Recov	75.000	125.000				08/09/10
SURR	Toluene-d8(Surr)	2037-26-5	41.580	104.000	% Recov	80.000	126.000				08/09/10
Lab ID: W10GR01876											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	48.040	98.400	% Recov	75.000	125.000				08/09/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	53.350	109.000	% Recov	75.000	125.000				08/09/10
SURR	Toluene-d8(Surr)	2037-26-5	51.330	105.000	% Recov	80.000	126.000				08/09/10
Lab ID: W10GR01877											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	47.100	100.000	% Recov	75.000	125.000				08/09/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	51.330	109.000	% Recov	75.000	125.000				08/09/10
SURR	Toluene-d8(Surr)	2037-26-5	49.790	106.000	% Recov	80.000	126.000				08/09/10
Lab ID: W10GR01878											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	47.720	90.100	% Recov	75.000	125.000				08/09/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	58.350	110.000	% Recov	75.000	125.000				08/09/10
SURR	Toluene-d8(Surr)	2037-26-5	54.570	103.000	% Recov	80.000	126.000				08/09/10
Lab ID: W10GR01879											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	47.110	97.600	% Recov	75.000	125.000				08/09/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	54.830	114.000	% Recov	75.000	125.000				08/09/10

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20101440
Matrix: SOLID
Test: VOA Ground Water Protection

Sample Date: 08/03/10
Receive Date:08/03/10

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	49.480	102.000	% Recov	80.000	126.000				08/09/10
Lab ID: W10GR01880											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	49.730	75.000	% Recov	75.000	125.000				08/09/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	70.770	107.000	% Recov	75.000	125.000				08/09/10
SURR	Toluene-d8(Surr)	2037-26-5	66.680	101.000	% Recov	80.000	126.000				08/09/10
Lab ID: W10GR01881											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	40.690	92.500	% Recov	75.000	125.000				08/09/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	49.090	112.000	% Recov	75.000	125.000				08/09/10
SURR	Toluene-d8(Surr)	2037-26-5	45.460	103.000	% Recov	80.000	126.000				08/09/10
Lab ID: W10GR01882											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	23.700	85.600	% Recov	75.000	125.000				08/09/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	31.420	113.000	% Recov	75.000	125.000				08/09/10
SURR	Toluene-d8(Surr)	2037-26-5	27.770	100.000	% Recov	80.000	126.000				08/09/10
Lab ID: W10GR01883											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	46.770	85.000	% Recov	75.000	125.000				08/09/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	64.790	118.000	% Recov	75.000	125.000				08/09/10
SURR	Toluene-d8(Surr)	2037-26-5	53.970	98.100	% Recov	80.000	126.000				08/09/10
Lab ID: W10GR01884											
BATCH QC ASSOCIATED WITH SAMPLE											
SURR	4-Bromofluorobenzene(Surr)	460-00-4	38.670	97.400	% Recov	75.000	125.000				08/09/10
SURR	1,2-Dichloroethane-d4(Surr)	17060-07-0	44.900	113.000	% Recov	75.000	125.000				08/09/10

REVISION 1

WSCF ANALYTICAL LABORATORY QC REPORT

Department: Organic

SDG Number: WSCF20101440
Matrix: SOLID
Test: VOA Ground Water Protection

Sample Date: 08/03/10
Receive Date:08/03/10

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	41.830	105.000	% Recov	80.000	126.000				08/09/10
BATCH QC											
BLANK	1,1-Dichloroethene	75-35-4	< 1.0	n/a	ug/Kg					U	08/08/10
BLANK	Benzene	71-43-2	< 1.0	n/a	ug/Kg					U	08/08/10
BLANK	4-Bromofluorobenzene(Surr)	460-00-4	53.900	108.000	% Recov	75.000	125.000				08/08/10
BLANK	Carbon tetrachloride	56-23-5	< 1.0	n/a	ug/Kg					U	08/08/10
BLANK	Chlorobenzene	108-90-7	< 1.0	n/a	ug/Kg					U	08/08/10
BLANK	1,2-Dichloroethane-d4(Surr)	17060-07-0	52.810	106.000	% Recov	75.000	125.000				08/08/10
BLANK	Toluene-d8(Surr)	2037-26-5	52.680	105.000	% Recov	80.000	126.000				08/08/10
BLANK	Toluene	108-88-3	< 1.0	n/a	ug/Kg					U	08/08/10
BLANK	Trichloroethene	79-01-6	< 0.20	n/a	ug/Kg					U	08/08/10
LCS	1,1-Dichloroethene	75-35-4	25.850	103.000	% Recov	75.000	125.000				08/08/10
LCS	Benzene	71-43-2	24.990	100.000	% Recov	75.000	125.000				08/08/10
LCS	4-Bromofluorobenzene(Surr)	460-00-4	54.200	108.000	% Recov	75.000	125.000				08/08/10
LCS	Chlorobenzene	108-90-7	23.960	95.800	% Recov	75.000	125.000				08/08/10
LCS	1,2-Dichloroethane-d4(Surr)	17060-07-0	53.650	107.000	% Recov	75.000	125.000				08/08/10
LCS	Toluene-d8(Surr)	2037-26-5	52.800	106.000	% Recov	80.000	126.000				08/08/10
LCS	Toluene	108-88-3	24.650	98.600	% Recov	75.000	125.000				08/08/10
LCS	Trichloroethene	79-01-6	23.260	93.000	% Recov	75.000	125.000				08/08/10

REVISION 1

WSCF
ANALYTICAL COMMENT REPORT

Attention: Steve Trent
Project Number F10-240

Group #: WSCF20101440
Department: Organic

Sample #	Client ID	Lab Area	Test	Comment
		VALGROUP		ICP-AES: Estimated boron result due to iron interference; "E" flag. The lithium laboratory control standard recovery is below the laboratory QC limits; affected lithium data are "X" flagged. The laboratory is currently using an administrative range of 80% to 120%. The recoveries do meet the internal statistical range of 48% to 119%. Organics - All data moisture corrected and results reported on a dry weight basis. DTS TPHD-WA - Samples W10GR01885-1888, 1893: Diesel concentration reported contains compounds which co-elute between diesel and motor oil range. DTS ICP-MS: Chromium, Copper, Zinc PB above MDL. "C" flags where needed. Vanadium spike MSD more than 20% SVOA: Surrogate spikes were low in MSD; T flagged. MS 8/17/1 Cr +6: MS and IMS were very low. Sample was likely reducing.

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

REVISION 1

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F10-240 :F10-240

Group #: WSCF20101440
Department: Organic

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W10GR01874	B26XB0	GPP	VOA Ground Water Protection	SMP 8.632 Trichlorofluoromethane	75-69-4	8.632816		0.91	ug/kg
W10GR01875	B26XB1	GPP	VOA Ground Water Protection	SMP 8.655 Trichlorofluoromethane	75-69-4	8.655783		7.5	ug/kg
W10GR01876	B26XB2	GPP	VOA Ground Water Protection	SMP 8.655 Trichlorofluoromethane	75-69-4	8.65565		3.3	ug/kg
W10GR01878	B26XB4	GPP	VOA Ground Water Protection	SMP 8.658 Trichlorofluoromethane	75-69-4	8.658883		10	ug/kg
W10GR01880	B26XB6	GPP	VOA Ground Water Protection	SMP 8.646 Trichlorofluoromethane	75-69-4	8.64615		20	ug/kg
W10GR01881	B26XD4	GPP	VOA Ground Water Protection	SMP 8.655 Trichlorofluoromethane	75-69-4	8.6556		1.2	ug/kg
W10GR01882	B26XD5	GPP	VOA Ground Water Protection	SMP 8.652 Trichlorofluoromethane	75-69-4	8.652616		6.2	ug/kg
W10GR01883	B26XD6	GPP	VOA Ground Water Protection	SMP 8.652 Trichlorofluoromethane	75-69-4	8.6526		12	ug/kg
W10GR01884	B26XD7	GPP	VOA Ground Water Protection	SMP 8.662 Trichlorofluoromethane	75-69-4	8.662033		1.7	ug/kg
W10GR01885	B26X65	GPP	NWTPH-D TPH Diesel Range (Wa)	SMP 10.599 motor oil	GCN016	10.59998		2.9e+02	mg/kg
W10GR01886	B26X66	GPP	SW-846 8270C Semi-Vols	SMP 17.496 Unknown Siloxane	Unknown	17.49681	J	3.6e+02	ug/kg
W10GR01886	B26X66	GPP	SW-846 8270C Semi-Vols	SMP 17.956 Unknown Siloxane	Unknown	17.95625	J	4.9e+02	ug/kg
W10GR01886	B26X66	GPP	NWTPH-D TPH Diesel Range (Wa)	SMP 10.599 motor oil	GCN016	10.59998		2.9e+02	mg/kg
W10GR01887	B26X67	GPP	SW-846 8270C Semi-Vols	SMP 15.931 Unknown Hydrocarbon	Unknown	15.93166	J	2.0e+02	ug/kg
W10GR01887	B26X67	GPP	SW-846 8270C Semi-Vols	SMP 17.496 1-Bromodocosane	6938-66-5	17.49693	JN	1.1e+02	ug/kg
W10GR01887	B26X67	GPP	NWTPH-D TPH Diesel Range (Wa)	SMP 10.599 motor oil	GCN016	10.59998		3.5e+02	mg/kg
W10GR01888	B26X68	GPP	SW-846 8270C Semi-Vols	SMP 13.538 Unknown Hydrocarbon	Unknown	13.5384	J	1.4e+03	ug/kg
W10GR01888	B26X68	GPP	SW-846 8270C Semi-Vols	SMP 15.093 Unknown Hydrocarbon	Unknown	15.093	J	2.1e+02	ug/kg
W10GR01888	B26X68	GPP	SW-846 8270C Semi-Vols	SMP 15.937 Unknown Hydrocarbon	Unknown	15.93706	J	2.5e+02	ug/kg
W10GR01888	B26X68	GPP	SW-846 8270C Semi-Vols	SMP 16.946 Unknown Phthalate	Unknown	16.94675	J	1.1e+02	ug/kg
W10GR01888	B26X68	GPP	NWTPH-D TPH Diesel Range (Wa)	SMP 10.599 motor oil	GCN016	10.59998		4.3e+02	mg/kg
W10GR01889	B26X69	GPP	SW-846 8270C Semi-Vols	SMP 17.491 Unknown Alkane	Unknown	17.49153	J	2.4e+02	ug/kg
W10GR01889	B26X69	GPP	SW-846 8270C Semi-Vols	SMP 17.833 Unknown Hydrocarbon	Unknown	17.83343	J	1.7e+02	ug/kg
W10GR01889	B26X69	GPP	SW-846 8270C Semi-Vols	SMP 18.17 Unknown Alkane	Unknown	18.17	J	1.5e+03	ug/kg
W10GR01889	B26X69	GPP	NWTPH-D TPH Diesel Range (Wa)	SMP 10.599 motor oil	GCN016	10.59998		45	mg/kg

RQ=Result Qualifier J - Analyte < lowest calibration but > = MDL.(org) N - non GC/MS - MS or MSD recovery is outside control limits.

REVISION 1

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F10-240 :F10-240

Group #: WSCF20101440
Department: Organic

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W10GR01890	826X70	GPP	SW-846 8270C Semi-Vols	SMP 17.491 Unknown Alkane	Unknown	17.49165	J	2.3e+02	ug/kg
W10GR01890	B26X70	GPP	SW-846 8270C Semi-Vols	SMP 18.170 Unknown Hydrocarbon	Unknown	18.17011	J	4.2e+02	ug/kg
W10GR01891	B26X71	GPP	SW-846 8270C Semi-Vols	SMP 17.987 Unknown Hydrocarbon	Unknown	17.98798	J	2.8e+02	ug/kg
W10GR01891	B26X71	GPP	SW-846 8270C Semi-Vols	SMP 18.174 Unknown Alkane	Unknown	18.17495	J	1.3e+03	ug/kg
W10GR01891	B26X71	GPP	SW-846 8270C Semi-Vols	SMP 18.730 Unknown Hydrocarbon	Unknown	18.73055	J	2.5e+02	ug/kg
W10GR01891	B26X71	GPP	NWTPH-D TPH Diesel Range (Wa)	SMP 10.599 motor oil	GCN016	10.59998		1.2e+02	mg/kg
W10GR01892	B26XC6	GPP	SW-846 8270C Semi-Vols	SMP 15.092 Hexadecanoic acid, but	111-06-8	15.09298	JN	1.5e+03	ug/kg
W10GR01892	B26XC6	GPP	SW-846 8270C Semi-Vols	SMP 16.113 Octadecanoic acid, but	123-95-5	16.11335	JN	1.1e+03	ug/kg
W10GR01892	B26XC6	GPP	SW-846 8270C Semi-Vols	SMP 17.988 Unknown Hydrocarbon	Unknown	17.98848	J	1.6e+02	ug/kg
W10GR01892	B26XC6	GPP	SW-846 8270C Semi-Vols	SMP 18.175 Unknown Alkane	Unknown	18.17545	J	6.2e+02	ug/kg
W10GR01892	B26XC6	GPP	NWTPH-D TPH Diesel Range (Wa)	SMP 10.599 motor oil	GCN016	10.59998		1.6e+02	mg/kg
W10GR01893	B26XC7	GPP	SW-846 8270C Semi-Vols	SMP 15.103 Hexadecanoic acid, 1,1	31158-91-5	15.10363	JN	9.1e+02	ug/kg
W10GR01893	B26XC7	GPP	SW-846 8270C Semi-Vols	SMP 16.652 Unknown Alkane	Unknown	16.65288	J	9.7e+02	ug/kg
W10GR01893	B26XC7	GPP	SW-846 8270C Semi-Vols	SMP 17.502 Unknown Alkane	Unknown	17.5023	J	1.6e+03	ug/kg
W10GR01893	B26XC7	GPP	SW-846 8270C Semi-Vols	SMP 17.614 Unknown Hydrocarbon	Unknown	17.61448	J	3.8e+02	ug/kg
W10GR01893	B26XC7	GPP	SW-846 8270C Semi-Vols	SMP 17.844 Unknown Alkane	Unknown	17.8442	J	8.3e+02	ug/kg
W10GR01893	B26XC7	GPP	SW-846 8270C Semi-Vols	SMP 18.057 Unknown Alkane	Unknown	18.0579	J	7.9e+02	ug/kg
W10GR01893	B26XC7	GPP	SW-846 8270C Semi-Vols	SMP 18.186 Unknown Alkane	Unknown	18.18611	J	9.2e+03	ug/kg
W10GR01893	B26XC7	GPP	SW-846 8270C Semi-Vols	SMP 18.549 Unknown Alkane	Unknown	18.54938	J	1.3e+03	ug/kg
W10GR01893	B26XC7	GPP	SW-846 8270C Semi-Vols	SMP 18.747 Unknown Hydrocarbon	Unknown	18.74705	J	8.0e+02	ug/kg
W10GR01893	B26XC7	GPP	SW-846 8270C Semi-Vols	SMP 18.800 Unknown Alkane	Unknown	18.80046	J	2.3e+03	ug/kg
W10GR01893	B26XC7	GPP	SW-846 8270C Semi-Vols	SMP 18.955 Unknown Alkane	Unknown	18.9554	J	1.9e+04	ug/kg
W10GR01893	B26XC7	GPP	SW-846 8270C Semi-Vols	SMP 19.008 Unknown Hydrocarbon	Unknown	19.00881	J	8.6e+02	ug/kg
W10GR01893	B26XC7	GPP	SW-846 8270C Semi-Vols	SMP 19.281 Unknown Alkane	Unknown	19.28126	J	3.8e+02	ug/kg
W10GR01893	B26XC7	GPP	SW-846 6270C Semi-Vols	SMP 19.398 Unknown Alkane	Unknown	19.3988	J	6.8e+02	ug/kg

RQ=Result Qualifier J - Analyte < lowest calibration but > = MDL.(org) N - non GC/MS - MS or MSD recovery is outside control limits.

REVISION 1

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F10-240 :F10-240

Group #: WSCF20101440
Department: Organic

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W10GR01893	B26XC7	GPP	SW-846 8270C Semi-Vols	SMP 19.703 Unknown Alkane	Unknown	19.70331	J	2.1e+03	ug/kg
W10GR01893	B26XC7	GPP	SW-846 8270C Semi-Vols	SMP 19.900 Unknown Alkane	Unknown	19.90096	J	1.7e+03	ug/kg
W10GR01893	B26XC7	GPP	SW-846 8270C Semi-Vols	SMP 20.066 Unknown Hydrocarbon	Unknown	20.06658	J	8.3e+02	ug/kg
W10GR01893	B26XC7	GPP	SW-846 8270C Semi-Vols	SMP 20.606 Unknown Hydrocarbon	Unknown	20.60615	J	1.1e+03	ug/kg
W10GR01893	B26XC7	GPP	SW-846 8270C Semi-Vols	SMP 21.514 Unknown Hydrocarbon	Unknown	21.51433	J	6.5e+02	ug/kg
W10GR01893	B26XC7	GPP	NWTPH-D TPH Diesel Range (Wa)	SMP 10.599 motor oil	GCN016	10.59998		90	mg/kg
W10GR01894	B26XC8	GPP	SW-846 8270C Semi-Vols	SMP 17.106 Unknown Alkane	Unknown	17.10691	J	1.1e+02	ug/kg
W10GR01894	B26XC8	GPP	SW-846 8270C Semi-Vols	SMP 17.502 Unknown Alkane	Unknown	17.50225	J	3.6e+02	ug/kg
W10GR01894	B26XC8	GPP	SW-846 8270C Semi-Vols	SMP 17.849 Unknown Alkane	Unknown	17.8495	J	2.9e+02	ug/kg
W10GR01894	B26XC8	GPP	SW-846 8270C Semi-Vols	SMP 18.186 Unknown Alkane	Unknown	18.18605	J	7.6e+02	ug/kg
W10GR01894	B26XC8	GPP	SW-846 8270C Semi-Vols	SMP 18.746 Unknown Alkane	Unknown	18.74698	J	3.4e+02	ug/kg
W10GR01894	B26XC8	GPP	SW-846 8270C Semi-Vols	SMP 18.95 Unknown Alkane	Unknown	18.95	J	1.4e+03	ug/kg
W10GR01894	B26XC8	GPP	NWTPH-D TPH Diesel Range (Wa)	SMP 10.599 motor oil	GCN016	10.59998		42	mg/kg
W10GR01895	B26XC9	GPP	SW-846 8270C Semi-Vols	SMP 17.491 Unknown Alkane	Unknown	17.49126	J	2.4e+02	ug/kg
W10GR01895	B26XC9	GPP	SW-846 8270C Semi-Vols	SMP 18.169 Unknown Alkane	Unknown	18.16973	J	2.8e+02	ug/kg
W10GR01895	B26XC9	GPP	NWTPH-D TPH Diesel Range (Wa)	SMP 10.599 motor oil	GCN016	10.59998		39	mg/kg

RQ=Result Qualifier J - Analyte < lowest calibration but > = MDL.(org) N - non GC/MS - MS or MSD recovery is outside control limits.

REVISION 1

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46500-RAW-11-34

ATTACHMENT 4

SAMPLE RECEIPT INFORMATION

Consisting of 58 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

08/18/10

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Groundwater Remediation Program

Richland, WA 99354
Attn: Steve Trent

Customer Code: GPP
PO#: 401328/ES20
Group#: 20101440
Project#: F10-240
Proj Mgr: Steve Trent
Phone: 373-5869

The following samples were received from you on 08/03/10. 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
W10GR01874	B26XB0	GPP @VOA-GPP	Solid, or handle as if solid	08/03/1C
W10GR01875	B26XB1	GPP @VOA-GPP	Solid, or handle as if solid	08/03/1C
W10GR01876	B26XB2	GPP @VOA-GPP	Solid, or handle as if solid	08/03/1C
W10GR01877	B26XB3	GPP @VOA-GPP	Solid, or handle as if solid	08/03/1C
W10GR01878	B26XB4	GPP @VOA-GPP	Solid, or handle as if solid	08/03/1C
W10GR01879	B26XB5	GPP @VOA-GPP	Solid, or handle as if solid	08/03/1C
W10GR01880	B26XB6	GPP @VOA-GPP	Solid, or handle as if solid	08/03/1C
W10GR01881	B26XD4	GPP @VOA-GPP	Solid, or handle as if solid	08/03/1C
W10GR01882	B26XD5	GPP @VOA-GPP	Solid, or handle as if solid	08/03/1C
W10GR01883	B26XD6	GPP @VOA-GPP	Solid, or handle as if solid	08/03/1C
W10GR01884	B26XD7	GPP @VOA-GPP	Solid, or handle as if solid	08/03/1C
W10GR01885	B26X65	GPP @2008 @GPP6010 @IC-30 @PCBGPP @SVOCGPP @TPHD-WA CR+6 PERSOLID	Solid, or handle as if solid	08/03/1C
W10GR01886	B26X66	GPP @2008 @GPP6010 @IC-30 @PCBGPP @SVOCGPP @TPHD-WA CR+6 PERSOLID	Solid, or handle as if solid	08/03/1C
W10GR01887	B26X67	GPP @2008 @GPP6010 @IC-30 @PCBGPP @SVOCGPP @TPHD-WA CR+6 PERSOLID	Solid, or handle as if solid	08/03/1C

Groundwater Remediation Program

Richland, WA 99354
Attn: Steve Trent

Customer Code: GPP
PO#: 401328/ES20
Group#: 20101440
Project#: F10-240
Proj Mgr: Steve Trent
Phone: 373-5869

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
W10GR01888	B26X68	GPP @2008 @TPHD-WA @GPP6010 CR+6 @IC-30 @PCBGPP @SVOCGPP PERSOLID	Solid, or handle as if solid	08/03/10
W10GR01889	B26X69	GPP @2008 @TPHD-WA @GPP6010 CR+6 @IC-30 @PCBGPP @SVOCGPP PERSOLID	Solid, or handle as if solid	08/03/10
W10GR01890	B26X70	GPP @2008 @TPHD-WA @GPP6010 CR+6 @IC-30 @PCBGPP @SVOCGPP PERSOLID	Solid, or handle as if solid	08/03/10
W10GR01891	B26X71	GPP @2008 @TPHD-WA @GPP6010 CR+6 @IC-30 @PCBGPP @SVOCGPP PERSOLID	Solid, or handle as if solid	08/03/10
W10GR01892	B26XC6	GPP @2008 @TPHD-WA @GPP6010 CR+6 @IC-30 @PCBGPP @SVOCGPP PERSOLID	Solid, or handle as if solid	08/03/10
W10GR01893	B26XC7	GPP @2008 @TPHD-WA @GPP6010 CR+6 @IC-30 @PCBGPP @SVOCGPP PERSOLID	Solid, or handle as if solid	08/03/10
W10GR01894	B26XC8	GPP @2008 @TPHD-WA @GPP6010 CR+6 @IC-30 @PCBGPP @SVOCGPP PERSOLID	Solid, or handle as if solid	08/03/10
W10GR01895	B26XC9	GPP @2008 @TPHD-WA @GPP6010 CR+6 @IC-30 @PCBGPP @SVOCGPP PERSOLID	Solid, or handle as if solid	08/03/10

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			F10-240-059	PAGE 1 OF 2
COLLECTOR: Fulton 08/18/10	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL	PRICE CODE: 8C	DATA TURNAROUND: 15 Days / 15 Days
SAMPLING LOCATION: IZ 7-ZPC 1-1a	PROJECT DESIGNATION: OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO.: F10-240	AIR QUALITY: ☐	
ICE CHEST NO.: —	FIELD LOGBOOK NO.: AUF-N-SOD-14 pg37	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)

20101440

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool <-7C and >-20C
HOLDING TIME	14 Days
TYPE OF CONTAINER	aGs
NO. OF CONTAINER(S)	5
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B26XBQ	SOIL	8-3-10	0818	✓

W10GR01874

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: CFulton	DATE/TIME: 8-3-10 1340	RECEIVED BY/STORED IN: TA Frazier	DATE/TIME: 8-3-10 1340
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

03 01 15

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F10-240-059	PAGE 2 OF 2
COLLECTOR Fulton	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION IZ 7-ZPC 1-1a	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240	AIR QUALITY ☐	
ICE CHEST NO. →	FIELD LOGBOOK NO. HNF-N-507-14 pg37	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 and 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. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as part of the sample ID reported in the final data packages.☐☐☐** The laboratory shall report only the requested constituents of concern in all final data reports, and 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 case narrative. No TICs shall be reported.

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

REVISION 1

SAMPLE RECORD SHEET

Location: 2PC- 1-1.

Sampler Initials and Date: JJ 8-3-10

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B26XB0	K	No Methanol		28.83	34.60	5.77	No Methanol
	L			28.90	34.77	5.97	
	M			29.72	33.80	5.08	
	N			28.84	34.30	5.46	
	P			29.66	34.80	6.14	

[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			F10-240-060	PAGE 1 OF 2
COLLECTOR: Chamberlain	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL	PRICE CODE: 8C	DATA TURNAROUND: 15 Days / 15 Days
SAMPLING LOCATION: IZ 7-2PC 1-2a	PROJECT DESIGNATION: OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO.: F10-240	AIR QUALITY: ☐	
ICE CHEST NO.:	FIELD LOGBOOK NO.: HNF-N-507-14 Pg37	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*	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	Cool <-7C and >-20C
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that 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)	HOLDING TIME	14 Days
		TYPE OF CONTAINER	aGs
		NO. OF CONTAINER(S)	5
		VOLUME	40mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	[redacted]
B26XB1 1875	SOIL	8-3-10	0815	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM: Craig Chamberlain	DATE/TIME: 8-3-10/ 1340	RECEIVED BY/STORED IN: TA FRAZIER	DATE/TIME: 8-3-10 1340	SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ORIGINAL
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	

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

REVISION 1

1D6 OF 15

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F10-240-060	PAGE 2 OF 2
COLLECTOR Chamberlain	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8C AIR QUALITY ☐	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION IZ 7-ZPC 1-2a	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240		
ICE CHEST NO.	FIELD LOGBOOK NO. HNF-N-507-14 Pg 37	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 and 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. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as part of the sample ID reported in the final data packages.☐☐☐** The laboratory shall report only the requested constituents of concern in all final data reports, and 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 case narrative. No TICs shall be reported.

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

REVISION 1

SAMPLE RECORD SHEET

Location: I2 7-2PC 1-2

Sampler Initials and Date: CBC 8-3-10

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B26XB1	K	No Methanol		28.87	35.4	6.53	No Methanol
	L			29.01	35.7	6.69	
	M			28.82	37.5	8.68	
	N			28.93	36.4	7.47	
	P			28.89	39.1	10.21	

[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			F10-240-061	PAGE 1 OF 2
COLLECTOR: Chamberlain	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL	PRICE CODE: 8C	DATA TURNAROUND: 15 Days / 15 Days
SAMPLING LOCATION: IZ 7-ZPC 1-3a	PROJECT DESIGNATION: OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO.: F10-240	AIR QUALITY: ☐	
ICE CHEST NO.:	FIELD LOGBOOK NO.: HNF-N-507-14 P. 37	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
HOLDING TIME	14 Days
TYPE OF CONTAINER	aGs
NO. OF CONTAINER(S)	5
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	[redacted]
B26XB2 1876	SOIL	8-3-10	0810	V

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM: Greg Chamberlain / Greg Chamberlain	DATE/TIME: 8-3-10 / 1340	RECEIVED BY/STORED IN: TA FRAZIER / Teresa Frazier	DATE/TIME: 8-3-10 1340	SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS
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	

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

REVISION 1

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CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F10-240-061	PAGE 2 OF 2
COLLECTOR Chamberlain	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8C	DATA TURNAROUND
SAMPLING LOCATION IZ 7-ZPC 1-3a	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240	AIR QUALITY ☐	15 Days / 15 Days
ICE CHEST NO.	FIELD LOGBOOK NO. HNF-N-507-14 Pg 37	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 and 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. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as part of the sample ID reported in the final data packages.☐☐☐** The laboratory shall report only the requested constituents of concern in all final data reports, and 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 case narrative. No TICs shall be reported.

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

REVISION 1

SAMPLE RECORD SHEET

Location: IZ7-ZPC 1-3

Sampler Initials and Date: CBC 8-3-10

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B26X B2	K	No Methanol		29.02	34.3	5.28	No Methanol
	L			28.92	34.1	5.18	
	M			28.86	33.7	4.84	
	N			28.89	34.1	5.21	
	P			28.82	33.9	5.08	

[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			F10-240-062	PAGE 1 OF 2
COLLECTOR: Fulton	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL	PRICE CODE: 8C	DATA TURNAROUND: 15 Days / 15 Days
SAMPLING LOCATION: IZ 7-ZPC 1-4a	PROJECT DESIGNATION: OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO.: F10-240	AIR QUALITY: ☐	
ICE CHEST NO.: —	FIELD LOGBOOK NO.: HNF-N-501-14 pg 37	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
HOLDING TIME	14 Days
TYPE OF CONTAINER	aGs
NO. OF CONTAINER(S)	5
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	[redacted]
B26XB3 1877	SOIL	8-3-10	0925	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM: C Fulton	DATE/TIME: 8-3-10 1340	RECEIVED BY/STORED IN: TA Frazier	DATE/TIME: 8-3-10 1340	SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS
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	

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			F10-240-062	PAGE 2 OF 2
COLLECTOR Fulton	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE BC	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION IZ 7-ZPC 1-4a	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240	AIR QUALITY ☐	
ICE CHEST NO. —	FIELD LOGBOOK NO. HNF-N-507-14 pg 37	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 and 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. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as part of the sample ID reported in the final data packages.☐☐☐** The laboratory shall report only the requested constituents of concern in all final data reports, and 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 case narrative. No TICs shall be reported.

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

REVISION 1

SAMPLE RECORD SHEET

Location: 2PC- 1-4

Sampler Initials and Date: 8-3-10 JCF

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B26XB3	K	No Methanol		28.67	34.22	5.55	No Methanol
	L			28.61	34.03	5.42	
	M			28.70	34.19	5.49	
	N			28.58	34.00	5.42	
	P			28.81	34.37	5.56	

[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			F10-240-063	PAGE 1 OF 2
COLLECTOR: Scales	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL	PRICE CODE: 8C	DATA TURNAROUND: 15 Days / 15 Days
SAMPLING LOCATION: IZ 7-ZPC 1-5a	PROJECT DESIGNATION: OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO.: F10-240	AIR QUALITY: ☐	
ICE CHEST NO.: N/A	FIELD LOGBOOK NO.: HWF-N-507-14 pg 37	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
HOLDING TIME	14 Days
TYPE OF CONTAINER	aGs
NO. OF CONTAINER(S)	5
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B26XB4 1878	SOIL	8/3/10	0821	X

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS
Joe Scales	8/3/10 1340	TA FRAZIER	8-3-10 1340	
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	

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			F10-240-063	PAGE 2 OF 2
COLLECTOR Scales	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8C AIR QUALITY ☐	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION IZ 7-ZPC 1-5a	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240		
ICE CHEST NO. N/A	FIELD LOGBOOK NO. HNF-N-507-14 pg 37	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

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

SAMPLE RECORD SHEET

Location: 2PC- 1-5

Sampler Initials and Date: JF 8-3-10

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B26XB4	K	No Methanol		28.61	33.44	4.83	No Methanol
	L			28.96	33.44	4.48	
	M			28.88	33.74	4.86	
	N			28.92	33.41	4.49	
	P			29.18	33.42	4.24	

[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			F10-240-064	PAGE 1 OF 2
COLLECTOR: Chamberlain	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL	PRICE CODE: 8C	DATA TURNAROUND: 15 Days / 15 Days
SAMPLING LOCATION: IZ 7-ZPC 1-6a	PROJECT DESIGNATION: OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO.: F10-240	AIR QUALITY: ☐	
ICE CHEST NO.	FIELD LOGBOOK NO.: HNF-N-507-141 Pg 37	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
HOLDING TIME	14 Days
TYPE OF CONTAINER	aGs
NO. OF CONTAINER(S)	5
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B26XB5 1879	SOIL	8-3-10	0825

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM: Greg Chamberlain	DATE/TIME: 8-3-10 / 1340	RECEIVED BY/STORED IN: TA Frazier	DATE/TIME: 8/3/10 1340	SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	ORIGINAL
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	

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			F10-240-064	PAGE 2 OF 2
COLLECTOR Chamberlain	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION IZ 7-ZPC 1-6a	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240	AIR QUALITY ☐	
ICE CHEST NO.	FIELD LOGBOOK NO. ANFN-507-14 Pg 37	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 and 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. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as part of the sample ID reported in the final data packages.☐☐☐** The laboratory shall report only the requested constituents of concern in all final data reports, and 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 case narrative. No TICs shall be reported.
(1) VOA - 5035/8260 (LOW LEVEL) {Carbon tetrachloride};

☐ ORIGINAL

SAMPLE RECORD SHEET

Location: B27 - 2PC 1-6

Sampler Initials and Date: LDC 8-3-10

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B26XB5	K	No Methanol		28.84	37.6	8.76	No Methanol
	L			29.00	34.4	5.40	
	M			29.05	36.5	7.45	
	N			29.76	38.0	9.24	
	P			28.80	36.0	7.20	

[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			F10-240-065	PAGE 1 OF 2
COLLECTOR: Chamberlain	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL	PRICE CODE: 8C	DATA TURNAROUND: 15 Days / 15 Days
SAMPLING LOCATION: IZ 7-ZPC 1-7a	PROJECT DESIGNATION: OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO.: F10-240	AIR QUALITY: ☐	
ICE CHEST NO.:	FIELD LOGBOOK NO.: HNF-N-507-14 Pg 37	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
HOLDING TIME	14 Days
TYPE OF CONTAINER	aGs
NO. OF CONTAINER(S)	5
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.		MATRIX*	SAMPLE DATE	SAMPLE TIME	[redacted]
B26XB6	1880	SOIL	8-3-10	0830	✓

CHAIN OF POSSESSION 8-3-10

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Chamberlain	8-3-10 1340	TA Frazier	8-3-10 1340

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			F10-240-065	PAGE 2 OF 2
COLLECTOR Chamberlain	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION IZ 7-ZPC 1-7a	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240	AIR QUALITY ☐	
ICE CHEST NO.	FIELD LOGBOOK NO. AWF-N-507-14 Pg 37	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

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

REVISION 1

SAMPLE RECORD SHEET

Location: I27-2PC 1-7

Sampler Initials and Date: LBC 8-3-10

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B26XB6	K	No Methanol		28.88	32.7	3.82	No Methanol
	L			28.59	32.9	4.31	
	M			28.84	32.7	3.86	
	N			28.81	32.4	3.59	
	P			28.60	32.7	4.1	

[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			F10-240-080	PAGE 1 OF 2
COLLECTOR: Fulton	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL	PRICE CODE: 8C	DATA TURNAROUND: 15 Days / 15 Days
SAMPLING LOCATION: IZ 7-ZPC 7-1a Composite VOA	PROJECT DESIGNATION: OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO.: F10-240	AIR QUALITY: ☐	
ICE CHEST NO.: —	FIELD LOGBOOK NO.: NNF-SOD-14 pg 37	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*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that 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)	PRESERVATION	Cool <-7C and >-20C
		HOLDING TIME	14 Days
		TYPE OF CONTAINER	aGs
		NO. OF CONTAINER(S)	5
		VOLUME	40mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	[redacted]
B26XD4 1881	SOIL	8-3-10	0905	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: C Fulton	DATE/TIME: 8-3-10 1340	RECEIVED BY/STORED IN: TA FRAZIER	DATE/TIME: 8/3/10 1340
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			F10-240-080	PAGE 2 OF 2
COLLECTOR Fulton	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8C	DATA TURNAROUND
SAMPLING LOCATION IZ 7-ZPC 7-1a Composite VOA	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240	AIR QUALITY ☐	15 Days / 15 Days
ICE CHEST NO. —	FIELD LOGBOOK NO. HNF-507-14 p037	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 and 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. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as part of the sample ID reported in the final data packages.☐☐☐** The laboratory shall report only the requested constituents of concern in all final data reports, and 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 case narrative. No TICs shall be reported.
(1) VOA - 5035/8260 (LOW LEVEL) {Carbon tetrachloride};

ORIGINAL

SAMPLE RECORD SHEET

Location: ZPC 7-1

Sampler Initials and Date: JCF 8-3-10

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B2b1D4	K	No Methanol		28.72	34.63	5.91	No Methanol
	L			28.71	33.87	5.16	
	M			28.84	34.69	5.85	
	N			28.92	34.36	5.44	
	P			28.69	34.36	5.67	

[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			F10-240-082	PAGE 1 OF 2
COLLECTOR: Chamberlain	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL	PRICE CODE: 8C	DATA TURNAROUND
SAMPLING LOCATION: IZ 7-ZPC 7-2-1a Composite VOA	PROJECT DESIGNATION: OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO.: F10-240	AIR QUALITY: ☐	15 Days / 15 Days
ICE CHEST NO.	FIELD LOGBOOK NO.: HNFN-507-14 Pg 37	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
HOLDING TIME	14 Days
TYPE OF CONTAINER	aGs
NO. OF CONTAINER(S)	5
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	[redacted]
B26XD5 1882	SOIL	8-3-10	0855	V

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM: Craig Chamberlain	DATE/TIME: 8-3-10 / 1340	RECEIVED BY/STORED IN: TA Frazier	DATE/TIME: 8/3/10 1340	SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS
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	

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			F10-240-082	PAGE 2 OF 2
COLLECTOR Chamberlain	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION IZ 7-ZPC 7-2-1a Composite VOA	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240	AIR QUALITY ☐	
ICE CHEST NO.	FIELD LOGBOOK NO. HNF-N-507-14 Pg 37	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

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

ORIGINAL

REVISION 1

SAMPLE RECORD SHEET

Location: I2-7 ZPC 7-2

Sampler Initials and Date: UBL 8-3-10

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B26X05	K	No Methanol		28.77	36.5	7.73	No Methanol
	L			28.82	36.9	8.08	
	M			28.73	38.0	9.27	
	N			28.68	36.5	7.82	
	P			28.90	37.8	8.90	

[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			F10-240-084	PAGE 1 OF 2
COLLECTOR: Scales - Fulton	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL	PRICE CODE: 8C	DATA TURNAROUND: 15 Days / 15 Days
SAMPLING LOCATION: IZ 7-ZPC 7-3-1a Composite VOA	PROJECT DESIGNATION: OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO.: F10-240	AIR QUALITY: ☐	
ICE CHEST NO.: —	FIELD LOGBOOK NO.: HNF-N-507-14 pg 37	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*	POSSIBLE SAMPLE HAZARDS/ REMARKS		
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	Contains Radioactive Material at concentrations that 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)	PRESERVATION	Cool <-7C and >-20C
		HOLDING TIME	14 Days.
		TYPE OF CONTAINER	aGs
		NO. OF CONTAINER(S)	5
		VOLUME	40mL
	SPECIAL HANDLING AND/OR STORAGE	SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.		MATRIX*	SAMPLE DATE	SAMPLE TIME	[redacted]
B26XD6	1883	SOIL	8-3-10	0854	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM: C Fulton	DATE/TIME: 8-3-10 1340	RECEIVED BY/STORED IN: TA Frazier	DATE/TIME: 8/3/10 1340	SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS
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	

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

ORIGINAL

REVISION 1

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F10-240-084	PAGE 2 OF 2
COLLECTOR Scales · Fulton	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION IZ 7-ZPC 7-3-1a Composite VOA	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240	AIR QUALITY ☐	
ICE CHEST NO. —	FIELD LOGBOOK NO. HNF-N-507-14 pg 37	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 and 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. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as part of the sample ID reported in the final data packages.☐☐☐** The laboratory shall report only the requested constituents of concern in all final data reports, and 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 case narrative. No TICs shall be reported.

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

REVISION 1

SAMPLE RECORD SHEET

Location: 2PC 7.3

Sampler Initials and Date: JJF 8-3-10

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B26X06	K	No Methanol		28.80	34.28	5.48	No Methanol
	L			28.69	33.46	~~5.77~~ JF 4.77	
	M			29.92	33.43	4.51	
	N			28.65	33.57	4.92	
	P			28.76	34.07	5.31	

[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			F10-240-086	PAGE 1 OF 2
COLLECTOR: Scarks. Fulton	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL	PRICE CODE: 8C	DATA TURNAROUND: 15 Days / 15 Days
SAMPLING LOCATION: IZ 7-ZPC 7-4-1a Composite VOA	PROJECT DESIGNATION: OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO.: F10-240	AIR QUALITY: ☐	
ICE CHEST NO.: —	FIELD LOGBOOK NO.: HNF-N-507-14 PG37	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
HOLDING TIME	14 Days
TYPE OF CONTAINER	aGs
NO. OF CONTAINER(S)	5
VOLUME	40mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	[redacted]
B26XD7 1884	SOIL	8-3-10	0855	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: CFulton	DATE/TIME: 8-3-10 1340	RECEIVED BY/STORED IN: TA Frazier	DATE/TIME: 8/3/10 1340
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			F10-240-086	PAGE 2 OF 2
COLLECTOR Scales - Fulton	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8C	DATA TURNAROUND
SAMPLING LOCATION IZ 7-ZPC 7-4-1a Composite VOA	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240	AIR QUALITY ☐	15 Days / 15 Days
ICE CHEST NO. ———	FIELD LOGBOOK NO. HNF-N-507-14 p537	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

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

SAMPLE RECORD SHEET

Location: 2PC - 7-L1

Sampler Initials and Date: JJF 8-3-10

Sample Number	Sample Suffix[1]			Initial Weight[2] (grams)	Total Weight[3] (grams)	Soil Weight[4] (grams)	Methanol in sample bottle (ml)
B26X07	K	No Methanol		28.93	34.41	5.48	No Methanol
	L			29.07	35.55	6.48	
	M			28.96	35.48	6.52	
	N			28.82	34.75	5.93	
	P			29.93	35.07	6.14	

[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	F10-240-024	PAGE 1 OF 2

COLLECTOR: Fulton	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL
PRICE CODE: 8C	DATA TURNAROUND: 15 Days / 15 Days	AIR QUALITY: ☐	SAMPLING LOCATION: IZ 7-ZPC 1-1a
PROJECT DESIGNATION: OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -	SAF NO.: F10-240	ICE CHEST NO.: —	FIELD LOGBOOK NO.: HNF-N-507-14 p.37
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~4C	Cool~4C	Cool~4C
HOLDING TIME			14/40 Days	6 Months	365/365 Days
TYPE OF CONTAINER			aG	G/P	aG
NO. OF CONTAINER(S)			1	1	1
VOLUME			250mL	250mL	250mL
SAMPLE ANALYSIS			SEE ITEM (1) IN SPECIAL INSTRUCTIONS SVOA TPH-D	SEE ITEM (2) IN SPECIAL INSTRUCTIONS 7470 6010 CR+6 IC	SEE ITEM (3) IN SPECIAL INSTRUCTIONS PCB
SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME			
B26X65 1885	SOIL	8-3-10	0818	✓	✓	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: C Fulton	DATE/TIME: 8-3-10 1340	RECEIVED BY/STORED IN: TA Frazier	DATE/TIME: 8/3/10 1340
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			F10-240-024	PAGE 2 OF 2
COLLECTOR Fulton	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION IZ 7-ZPC 1-1a	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240	AIR QUALITY ☐	
ICE CHEST NO. —	FIELD LOGBOOK NO. ANF-N-007-14 pg 37	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 and 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. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as part of the sample ID reported in the final data packages.☐☐☐** The laboratory shall report only the requested constituents of concern in all final data reports, and 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 case narrative. No TICs shall be reported.

(1) 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};

(2) 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}; ICP Metals - 6010 (Add-On) {Boron, Lithium}; Chromium Hex - 7196; IC Anions - 300.0 {Nitrogen in Nitrate};

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

ORIGINAL

REVISION 1

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F10-240-025	PAGE 1 OF 2
COLLECTOR: Chamberlain	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL	PRICE CODE: 8C	DATA TURNAROUND: 15 Days / 15 Days
SAMPLING LOCATION: IZ 7-ZPC 1-2a	PROJECT DESIGNATION: OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO.: F10-240	AIR QUALITY: ☐	
ICE CHEST NO.	FIELD LOGBOOK NO.: HNF-N-507-14 Pg 37	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~4C	Cool~4C	Cool~4C
HOLDING TIME					14/40 Days	6 Months	365/365 Days
TYPE OF CONTAINER					aG	G/P	aG
NO. OF CONTAINER(S)					1	1	1
VOLUME					250mL	250mL	250mL
SAMPLE ANALYSIS					SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS
SAMPLE NO.		MATRIX*	SAMPLE DATE	SAMPLE TIME			
B26X66	1886	SOIL	8-3-10	0815	✓	✓	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: Cody Chamberlain / [illegible]	DATE/TIME: 8-3-10 / 1340	RECEIVED BY/STORED IN: TA Frazier / [illegible]	DATE/TIME: 8-3-10 1340
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			F10-240-025	PAGE 2 OF 2
COLLECTOR Chamberlain	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8C	DATA TURNAROUND
SAMPLING LOCATION IZ 7-ZPC 1-2a	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240	AIR QUALITY ☐	15 Days / 15 Days
ICE CHEST NO.	FIELD LOGBOOK NO. HNF-N-507-14 Pg31	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

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

REVISION 1

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F10-240-026	PAGE 1 OF 2
COLLECTOR: Chamberlain	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL	PRICE CODE: 8C	DATA TURNAROUND: 15 Days / 15 Days
SAMPLING LOCATION: IZ 7-2PC 1-3a	PROJECT DESIGNATION: OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO.: F10-240	AIR QUALITY: ☐	
ICE CHEST NO.	FIELD LOGBOOK NO.: HNF-N-507-14 Pg 37	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~4C	Cool~4C	Cool~4C
HOLDING TIME			14/40 Days	6 Months	365/365 Days
TYPE OF CONTAINER			aG	G/P	aG
NO. OF CONTAINER(S)			1	1	1
VOLUME			250mL	250mL	250mL
SAMPLE ANALYSIS			SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS
SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME			
B26X67 1887	SOIL	8-3-10	0810	✓	✓	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS
[signature]	8-3-10/1340	TA FRAZIER [signature]	8/3/10 1340	
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	

ORIGINAL

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

REVISION 1

1 of 157

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F10-240-026	PAGE 2 OF 2
COLLECTOR Chamberlain	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION IZ 7-ZPC 1-3a	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240	AIR QUALITY ☐	
ICE CHEST NO.	FIELD LOGBOOK NO. HNF-N-507-14 Pg 37	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

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(1) 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};

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

☐ OK

REVISION 1

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-240-027 | PAGE 1 OF 2

COLLECTOR Fulton	**COMPANY CONTACT** WIDRIG, DL	**TELEPHONE NO.** 376-2858	**PROJECT COORDINATOR** WIDRIG, DL
SAMPLING LOCATION IZ 7-ZPC 1-4a	**PROJECT DESIGNATION** OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		**SAF NO.** F10-240
ICE CHEST NO. —	**FIELD LOGBOOK NO.** HNF-N-507-14 pg 37	**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 8C | **AIR QUALITY** ☐ | **DATA TURNAROUND** 15 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~4C	Cool~4C	Cool~4C
HOLDING TIME			14/40 Days	6 Months	365/365 Days
TYPE OF CONTAINER			aG	G/P	aG
NO. OF CONTAINER(S)			1	1	1
VOLUME			250mL	250mL	250mL
SAMPLE ANALYSIS			SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS
SAMPLE NO.	**MATRIX***	**SAMPLE DATE**	**SAMPLE TIME**			
B26X68 1888	SOIL	8-3-10	0625	✓	✓	✓

CHAIN OF POSSESSION		**SIGN/ PRINT NAMES**	
RELINQUISHED BY/REMOVED FROM CFulton	**DATE/TIME** 8-3-10 1340	**RECEIVED BY/STORED IN** TA Frazier	**DATE/TIME** 8-3-10 1340
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**

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F10-240-027	PAGE 2 OF 2
COLLECTOR Fulton	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8C	DATA TURNAROUND
SAMPLING LOCATION IZ 7-ZPC 1-4a	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240	AIR QUALITY ☐	15 Days / 15 Days
ICE CHEST NO. —	FIELD LOGBOOK NO. HNF-N-507-14 pg 37	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

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

ORIGINAL

REVISION 1

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-240-028

COLLECTOR: Scales	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL
PRICE CODE: 8C	DATA TURNAROUND: 15 Days / 15 Days	AIR QUALITY: ☐	SAMPLING LOCATION: IZ 7-ZPC 1-5a
PROJECT DESIGNATION: OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -	SAF NO.: F10-240	ICE CHEST NO.: N/A	FIELD LOGBOOK NO.: HWF-N-507-14 pg 37
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~4C	Cool~4C	Cool~4C
HOLDING TIME			14/40 Days	6 Months	365/365 Days
TYPE OF CONTAINER			aG	G/P	aG
NO. OF CONTAINER(S)			1	1	1
VOLUME			250mL	250mL	250mL
SAMPLE ANALYSIS			SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS
SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME			
B26X69 1889	SOIL	8/3/10	0821	X	X	X

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: Joe Scales	DATE/TIME: 8/3/10 1340	RECEIVED BY/STORED IN: TA FRAZIER	DATE/TIME: 8-3-10 1340
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			F10-240-028	PAGE 2 OF 2
COLLECTOR Scales	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION IZ 7-ZPC 1-5a	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240	AIR QUALITY ☐	
ICE CHEST NO. N/A	FIELD LOGBOOK NO. HNF-507-14 pg 37	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

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☐ ORIGINAL

REVISION 1

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F10-240-029	PAGE 1 OF 2
COLLECTOR: Chamberlain	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL	PRICE CODE: 8C	DATA TURNAROUND: 15 Days / 15 Days
SAMPLING LOCATION: IZ 7-ZPC 1-6a	PROJECT DESIGNATION: OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO.: F10-240	AIR QUALITY: ☐	
ICE CHEST NO.	FIELD LOGBOOK NO.: HNF-N-507-14 Pg 37	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~4C	Cool~4C	Cool~4C
HOLDING TIME	14/40 Days	6 Months	365/365 Days
TYPE OF CONTAINER	aG	G/P	aG
NO. OF CONTAINER(S)	1	1	1
VOLUME	250mL	250mL	250mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME			
B26X70 1890	SOIL	8-3-10	0825	✓	✓	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM: Greg Chamberlain	DATE/TIME: 8-3-10 1340	RECEIVED BY/STORED IN: TA FRAZIER	DATE/TIME: 8/3/10 1340	SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS
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	

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			F10-240-029	PAGE 2 OF 2
COLLECTOR Chamberlain	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION IZ 7-ZPC 1-6a	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240	AIR QUALITY ☐	
ICE CHEST NO.	FIELD LOGBOOK NO. HNFN-507.14 P37	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 and 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. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as part of the sample ID reported in the final data packages.☐☐☐** The laboratory shall report only the requested constituents of concern in all final data reports, and 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 case narrative. No TICs shall be reported.

(1) 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};

(2) 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}; ICP Metals - 6010 (Add-On) {Boron, Lithium}; Chromium Hex - 7196; IC Anions - 300.0 {Nitrogen in Nitrate};

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

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F10-240-030	PAGE 1 OF 2

COLLECTOR: Chamberlain	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL
PRICE CODE: 8C	AIR QUALITY: ☐	DATA TURNAROUND: 15 Days / 15 Days	
SAMPLING LOCATION: IZ 7-ZPC 1-7a	PROJECT DESIGNATION: OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -	SAF NO.: F10-240	
ICE CHEST NO.	FIELD LOGBOOK NO.: HNF-N-507-14-Pg37	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~4C	Cool~4C	Cool~4C
HOLDING TIME	14/40 Days	6 Months	365/365 Days
TYPE OF CONTAINER	aG	G/P	aG
NO. OF CONTAINER(S)	1	1	1
VOLUME	250mL	250mL	250mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME			
B26X71 1891	SOIL	8-3-10	0830	✓	✓	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM: Craig Chamberlain	DATE/TIME: 8-3-10/1340	RECEIVED BY/STORED IN: TA Frazier	DATE/TIME: 8/3/10 1340	SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS
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	

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			F10-240-030	PAGE 2 OF 2
COLLECTOR Chamberlain	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8C	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION IZ 7-ZPC 1-7a	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240	AIR QUALITY ☐	
ICE CHEST NO.	FIELD LOGBOOK NO. HNF-N-507-14 Pg 35	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

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(1) 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};

(2) 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}; ICP Metals - 6010 (Add-On) {Boron, Lithium}; Chromium Hex - 7196; IC Anions - 300.0 {Nitrogen in Nitrate};

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

REVISION 1

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-240-079

COLLECTOR: Fulton	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL
SAMPLING LOCATION: IZ 7-ZPC 7-1 Composite	PROJECT DESIGNATION: OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO.: F10-240
ICE CHEST NO.: —	FIELD LOGBOOK NO.: HNF-N-507-14 pg 37	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: 8C

AIR QUALITY: ☐

DATA TURNAROUND: 15 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~4C	Cool~4C	Cool~4C
HOLDING TIME				14/40 Days	6 Months	365/365 Days
TYPE OF CONTAINER				aG	G/P	aG
NO. OF CONTAINER(S)				1	1	1
VOLUME				250mL	250mL	250mL
SAMPLE ANALYSIS				SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS
SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	[redacted]		
B26XC6 1892	SOIL	8-3-10	0905	✓	✓	✓

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
CFulton/[signature]	8-3-10 1340	TA Frazier [signature]	8/3/10 1340

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

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F10-240-079	PAGE 2 OF 2
COLLECTOR Fulton	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8C	DATA TURNAROUND
SAMPLING LOCATION IZ 7-ZPC 7-1 Composite	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240	AIR QUALITY ☐	15 Days / 15 Days
ICE CHEST NO. —	FIELD LOGBOOK NO. HNF-N-507-14 pg 37	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 and 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. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as part of the sample ID reported in the final data packages.☐☐☐** The laboratory shall report only the requested constituents of concern in all final data reports, and 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 case narrative. No TICs shall be reported.

(1) 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};

(2) 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}; ICP Metals - 6010 (Add-On) {Boron, Lithium}; Chromium Hex - 7196; IC Anions - 300.0 {Nitrogen in Nitrate};

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

☐ ORIGINAL

REVISION 1

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-240-081

COLLECTOR: Chamberlain	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL
SAMPLING LOCATION: IZ 7-ZPC 7-2 Composite	PROJECT DESIGNATION: OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO.: F10-240
ICE CHEST NO.	FIELD LOGBOOK NO.: HNF-N-507-14 Pg 37	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: 8C

AIR QUALITY: ☐

DATA TURNAROUND: 15 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~4C	Cool~4C	Cool~4C
HOLDING TIME	14/40 Days	6 Months	365/365 Days
TYPE OF CONTAINER	aG	G/P	aG
NO. OF CONTAINER(S)	1	1	1
VOLUME	250mL	250mL	250mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME			
B26XC7 1893	SOIL	8-3-10	0855	✓	✓	✓

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Greg Chamberlain	8-3-10/ 1340	TA Frazier	8/3/10 1340

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

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F10-240-081	PAGE 2 OF 2
COLLECTOR Chamberlain	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8C	DATA TURNAROUND
SAMPLING LOCATION IZ 7-ZPC 7-2 Composite	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240	AIR QUALITY ☐	15 Days / 15 Days
ICE CHEST NO.	FIELD LOGBOOK NO. HNF-N-507-14 Pg 37	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 and 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. These suffixes are for the purpose of providing bottle weights to the laboratories. These suffixes should not be included as part of the sample ID reported in the final data packages.☐☐☐** The laboratory shall report only the requested constituents of concern in all final data reports, and 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 case narrative. No TICs shall be reported.

(1) 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};

(2) 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}; ICP Metals - 6010 (Add-On) {Boron, Lithium}; Chromium Hex - 7196; IC Anions - 300.0 {Nitrogen in Nitrate};

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

REVISION 1

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F10-240-083	PAGE 1 OF 2
COLLECTOR: Scales - Fulton	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL	PRICE CODE: 8C	DATA TURNAROUND: 15 Days / 15 Days
SAMPLING LOCATION: IZ 7-ZPC 7-3 Composite	PROJECT DESIGNATION: OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO.: F10-240	AIR QUALITY: ☐	
ICE CHEST NO.: —	FIELD LOGBOOK NO.: HNF-N-503-14 PG37	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~4C	Cool~4C	Cool~4C
HOLDING TIME				14/40 Days	6 Months	365/365 Days
TYPE OF CONTAINER				aG	G/P	aG
NO. OF CONTAINER(S)				1	1	1
VOLUME				250mL	250mL	250mL
SAMPLE ANALYSIS				SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS
SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME			
B26XC8 1894	SOIL	8-3-10	0854	✓	✓	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM: CJ Fulton	DATE/TIME: 8-3-10 1340	RECEIVED BY/STORED IN: TA Frazier	DATE/TIME: 8/3/10 1340	SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS
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	

☐ 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			F10-240-083	PAGE 2 OF 2
COLLECTOR Scacks · Fulton	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8C	DATA TURNAROUND
SAMPLING LOCATION IZ 7-ZPC 7-3 Composite	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240	AIR QUALITY ☐	15 Days / 15 Days
ICE CHEST NO. —	FIELD LOGBOOK NO. HNF-N-601-14 pg 37	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

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(1) 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};

(2) 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}; ICP Metals - 6010 (Add-On) {Boron, Lithium}; Chromium Hex - 7196; IC Anions - 300.0 {Nitrogen in Nitrate};

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

REVISION 1

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F10-240-085

COLLECTOR: Soales	COMPANY CONTACT: WIDRIG, DL	TELEPHONE NO.: 376-2858	PROJECT COORDINATOR: WIDRIG, DL
SAMPLING LOCATION: IZ 7-ZPC 7-4 Composite	PROJECT DESIGNATION: OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO.: F10-240
ICE CHEST NO.: N/A	FIELD LOGBOOK NO.: HNF-N-507-14 pg 37	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: 8C

AIR QUALITY: ☐

DATA TURNAROUND: 15 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~4C	Cool~4C	Cool~4C
HOLDING TIME	14/40 Days	6 Months	365/365 Days
TYPE OF CONTAINER	aG	G/P	aG
NO. OF CONTAINER(S)	1	1	1
VOLUME	250mL	250mL	250mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS

SAMPLE NO.		MATRIX*	SAMPLE DATE	SAMPLE TIME			
B26XC9	1895	SOIL	8/3/10	0855	X	X	X

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: Joe Soales	DATE/TIME: 8/3/10 1340	RECEIVED BY/STORED IN: TA Frazier	DATE/TIME: 8/3/10 1340
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			F10-240-085	PAGE 2 OF 2
COLLECTOR Scales	COMPANY CONTACT WIDRIG, DL	TELEPHONE NO. 376-2858	PROJECT COORDINATOR WIDRIG, DL	PRICE CODE 8C AIR QUALITY ☐	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION IZ 7-ZPC 7-4 Composite	PROJECT DESIGNATION OCSA Waste Site Inspection Zones 4 & 7 Confirmatory Sampling - Surface -		SAF NO. F10-240		
ICE CHEST NO. N/A	FIELD LOGBOOK NO. HNF-N-507-14 pg 37	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		

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☐ ORIGINAL

REVISION 1