0066556

Fluor Hanford
WSCF Analytical Chemistry
P.O. Box 1000
Richland, WA 99352
Telephone 373-7495
Telefax 372-0456

FLUOR

Memorandum

M8141-SLF-05-211

To: S. J. Trent A0-21 Date: May 11, 2005

From: S. L. Fitzgerald, Manager
WSCF Analytical Chemistry

cc:	w/Attachments		w/o Attachments	
	T. F. Dale	S3-28	D. J. Hart	S3-30
	H. K. Meznarich	S3-30	M. A. Neely	S3-30
	P. D. Mix	S3-30	H. S. Rich	S3-28
	J. E. Trechter	S3-30	L. C. Swanson	E6-35
			File/LB	

Subject: REVISED FINAL RESULTS FOR 200-MW-1 CHARACTERIZATION SAMPLING AND ANALYSIS - SOIL– SAMPLE DELIVERY GROUP WSCF20050265 - SAF NUMBER F04-015

Reference:
(1) Memo, SL Fitzgerald to SJ Trent, same subject (M8141-SLF-05-115), dated March 8, 2005

(2) Groundwater Protection Program-Letter of Instruction, FH-EIS-2003-MEM-001, October 31, 2002

(3) HNF-SD-CD-QAPP-017, Rev. 6, Waste Sampling & Characterization Facility Quality Assurance Plan

This letter contains a revised narrative (Attachment 1) for sample delivery group WSCF20050265 which includes additional QA data per client request.

SLF/grf

Attachment 1

RECEIVED
SEP 01 2005
EDMC

MAY 2005
RECEIVED

REVISED
Dayes
5/13/05

5/13/05
Dayes
1 of 72

M8141-SLF-05-211

ATTACHMENT I

NARRATIVE

Consisting of 8 pages
Including cover page

REVISED
D. Ayres
5/13/05

Sample Delivery Group	**WSCF20050265, Rev. 1**
Sample Matrix	**Soil**
Sample Visual	**N/A**
SAF Number	**F04-015**
Data Deliverable	**Summary Report**

Introduction

Five (5) 200-MW-1 Characterization Sampling and Analysis – Soil/216-T-33, 16.5' – 30', samples (B19PM5, B19PM6, B19PM7, B19PM8, B19PM9) were received at the WSCF Laboratory on January 3, 2005. The samples were analyzed for the analytes indicated on the attached copy of the chain of custody (COC) form in accordance with the *Groundwater Remediation Program – Letter of Instruction*, referenced in the cover letter.

The narrative (Attachment 1) will address sample characteristics, analyses requested and general information in performance of the analytical methods. A Data Summary Report (Attachment 2) includes analytical results, a comment report detailing method abnormalities, tentatively identified peaks if applicable, method references, and Laboratory QC information. Copies of the Chain of Custody and sample receipt forms are included as Attachment 3.

Analytical Methodology for Requested Analyses

Inorganic

- Anions by EPA Method 300. Analytical work was performed with no deviations to the approved method.
- Cyanide by EPA Method 335.2. Analytical work was performed with no deviations to the approved method.
- ICP-MS Metals by EPA Method 200.8. Analytical work was performed with no deviations to the approved method.
- Percent Solids by EPA Method 160.3. Analytical work was performed with no deviations to the approved method.
- pH by EPA Method 9045C. Analytical work was performed with no deviations to the approved method.

Organic

- PCB by EPA Method 8082. Analytical work was performed with no deviations to the approved method.
- Semi-VOA by EPA Method 8270C. Analytical work was performed with no deviations to the approved method.

DEVISED
5/13/05

- TPH Diesel/Gas Range by WDOE Method NWTPH-Dx/Gx. Analytical work was performed with no deviations to the approved method.

- VOA by EPA Method 8260B. Analytical work was performed with no deviations to the approved method.

Radiochemistry

- All RadChem analyses (AEA (Plutonium, Americium and Uranium), GEA, Sr-89/90) were run by internal WDOE accredited WSCF procedures. Analytical work was performed with no deviations to the approved method.

Inorganic Comments

Anions - The hold times for Nitrite and Nitrate analyses were not met. A Blank, Laboratory Control Sample, Duplicate, Matrix Spike and Matrix Spiked Duplicate were analyzed with each delivery group per GPP Letter of Instruction. See pages 14 through 15 for QC details. Analytical Notes:

- Preparation Date: 17-feb-2005.

- Duplicate, Matrix Spike and Matrix Spike Duplicate QC samples were analyzed on sample# B19PN2 (SDG# 20050300, SAF# F04-01).

- Fluoride – Sample B19PM5, B19PM6 and B19PM7 results were B-flagged; the analyte was less than the reportable detection limit, but greater than or equal to the method detection limit.

- Phosphate - Sample B19PM5, B19PM6, B19PM7 and B19PM8 results were B-flagged; the analyte was less than the reportable detection limit, but greater than or equal to the method detection limit.

- Nitrate - Sample B19PM9 result was B-flagged; the analyte was less than the reportable detection limit, but greater than or equal to the method detection limit.

All QC controls are within the established limits.

Cyanide - The hold time for this analysis was met. A Blank, Preparation Blank, Laboratory Control Sample, Matrix Spike and Matrix Spiked Duplicate were analyzed with each delivery group per GPP Letter of Instruction. See page 16 for QC details. Analytical Note:

- The Matrix Spike and Matrix Spike Duplicate recoveries were below established laboratory limits. All sample results were less than the detection limit and U-flagged.

All other QC controls are within the established limits.

ICP-MS Metals – The hold time for this analysis was met. A Laboratory Control Sample, Matrix Spike and Matrix Spiked Duplicate were analyzed with each delivery group per the GPP Letter of Instruction. See pages 17 through 18 for QC details. Analytical Notes:

REVISED
R. Hayes
5/13/05

- Preparation Date: 08-feb-2005.

- Silver, Cadmium, Copper, Mercury, Lead and Uranium - The analytes detected in the associated preparation Blank sample were evaluated and there was no significant affect on the sample results.

All other QC controls are within the established limits.

Percent Solids – Analyzed for organic results correction.

pH – The hold time for this analysis was met. All internal laboratory controls were within established limits.

Organic Comments

- Sample results were moisture corrected and reported on a dry-weight basis.

PCB – The hold time for this analysis was met. A Blank, Duplicate, Laboratory Control Sample, Matrix Spike and Matrix Spiked Duplicate were analyzed with each delivery group per the GPP Letter of Instruction. See pages 31 through 32 for QC details. Analytical Note:

- Preparation Date: 04-feb-2005.

All QC controls are within the established limits.

Semi-VOA – The hold time for this analysis was met. A Blank, Laboratory Control Sample, Matrix Spike and Matrix Spiked Duplicate were analyzed with each delivery group per the GPP Letter of Instruction. See pages 33 through 37 for QC details. Analytical Notes:

- Preparation Date: 04-feb-2005.

- Matrix Spike and Matrix Spike Duplicate QC samples were analyzed on sample# B1B3R1 (SDG# 20050251, SAF# F04-019).

- Samples B19PM5, B19PM6 and B19PM7 have a chromatographic lump of unknown organic material which eluted from about eleven minutes to twenty-nine minutes in the chromatograms.

All QC controls are within the established limits.

TPHD-WA - The hold time for this analysis was met. A Blank, Laboratory Control Sample, Matrix Spike and Matrix Spike Duplicate were analyzed with each delivery group per GPP Letter of Instruction. See pages 38 through 39 for QC details. Analytical Notes:

- Preparation Date: 04-feb-2005.

- Matrix Spike and Matrix Spike Duplicate QC samples were analyzed on sample# B1B3R1 (SDG# 20050251, SAF# F04-019).

REVISED
Dayes
5/13/05

Additional Batch QC Data (Results)				
Sample Number	Lab Sample ID	Isotope	QC	
			Results (pCi/gram)	RPD %
DUPLICATE	W050000288	U-234	8.554E-01	9.9
B1B3R1	W050000288	U-235	8.358E-02	
DUPLICATE	W050000288	U-235	4.009E-02	70.3
Plutonium-238				
BLANK		Pu-238	-1.441E-02	
B19412	W050000288	Pu-238	3.388E-01	
DUPLICATE	W050000288	Pu-238	4.829E-01	35.1

- Plutonium-242, Americium-243 and Uranium-232 – Radiochemical Tracer Recovery Data are summarized below:

Radiochemical Tracer Percent Recovery			
Sample Number	Lab Sample ID	Isotope	Tracer Recovery (Percent)
Strontium-85			
BLANK		Sr-85	95.3
LCS		Sr-85	97.7
B1B3R1	W050000288	Sr-85	90.5
DUPLICATE	W050000288	Sr-85	100.3
B19PM5	W050000296	Sr-85	88.3
B19PM6	W050000297	Sr-85	88.0
B19PM7	W050000298	Sr-85	89.2
B19PM8	W050000299	Sr-85	59.3
B19PM9	W050000300	Sr-85	108.1

REVISED 3/13/05

- Samples B1B3R1, B19MP5, B19MP6 and B19MP7 contained Extended Motor Oil which was added to the analyte list and reported in the Analytical Results Report.

All QC controls are within the established limits.

TPHG-WA - The hold time for this analysis was met. A Blank, Duplicate, Laboratory Control Sample, Matrix Spike and Matrix Spike Duplicate were analyzed with each delivery group per GPP Letter of Instruction. See page 40 for QC details. Analytical Notes:

- Preparation Date: 16-feb-2005.

- Duplicate, Matrix Spike and Matrix Spike Duplicate QC samples were analyzed on sample# B1B3R1 (SDG# 20050251, SAF# F04-019).

All QC controls are within the established limits.

VOA – The hold time for this analysis was met. A Blank, Laboratory Control Sample, Matrix Spike and Matrix Spiked Duplicate were analyzed with each delivery group per the GPP Letter of Instruction. See pages 41 through 44 for QC details. All QC controls are within the established limits.

Radiochemistry Comments

RadChem – There are no hold times associated with these WDOE accredited methods. A Blank, Laboratory Control Sample and Duplicate were analyzed with each delivery group per the GPP Letter of Instruction. See pages 50 through 53 for QC details. Analytical Note:

- Americium-241, Plutonium-239/240, Strontium-89/90 and Uranium-238 Duplicate QC samples were analyzed on sample# B1B3R1 (SDG# 20050251, SAF# F04-019).

- GEA – No QC available due to quick turnaround required by chain of custody.

- Uranium-234, Urananium-235 and Plutonium-238 - Additional Batch QC Data are summarized below:

Additional Batch QC Data (Results)

Sample Number	Lab Sample ID	Isotope	QC Results (pCi/gram)	QC RPD %
Uranium-234/ Uranium-235				
BLANK		U-234	3.522E-02	
BLANK		U-235	-2.403E-03	
B1B3R1	W050000288	U-234	9.442E-01	

REVISED DHynes 5/13/05

Radiochemical Tracer Percent Recovery			
Sample Number	Lab Sample ID	Isotope	Tracer Recovery (Percent)
Plutonium-242			
BLANK		Pu-242	89.9
LCS		Pu-242	84.8
B1B3R1	W050000288	Pu-242	86.7
DUPLICATE	W050000288	Pu-242	83.6
B19PM5	W050000296	Pu-242	67.5
B19PM6	W050000297	Pu-242	89.9
B19PM7	W050000298	Pu-242	65.2
B19PM8	W050000299	Pu-242	82.0
B19PM9	W050000300	Pu-242	83.7
Americium-243			
BLANK		Am-243	74.4
LCS		Am-243	79.6
B1B3R1	W050000288	Am-243	82.8
DUPLICATE	W050000288	Am-243	85.5
B19PM5	W050000296	Am-243	98.6
B19PM6	W050000297	Am-243	85.2
B19PM7	W050000298	Am-243	97.4
B19PM8	W050000299	Am-243	83.8
B19PM9	W050000300	Am-243	99.9
Uranium-232			
BLANK		U-232	68.3

REVISED
Dhyes
5/13/05

Radiochemical Tracer Percent Recovery			
Sample Number	Lab Sample ID	Isotope	Tracer Recovery (Percent)
LCS		U-232	74.9
B1B3R1	W050000288	U-232	78.3
DUPLICATE	W050000288	U-232	77.5
B19PM5	W050000296	U-232	59.8
B19PM6	W050000297	U-232	79.8
B19PM7	W050000298	U-232	82.9
B19PM8	W050000299	U-232	74.0
B19PM9	W050000300	U-232	77.3

This Summary Report is in compliance with the SOW, both technically and for completeness. Release of the data contained in this hard copy report has been authorized by the WSCF Laboratory Analytical Manager and Client Services, as verified by the following signature.

Pauline D. Mix
WSCF Client Services

Abbreviations
Hg – mercury
IC – ion chromatography
ICP – inductively coupled plasma
ICP/AES – ICP/atomic emission spectroscopy
ICP/MS – ICP/mass spectrometry
Total U – total uranium
AT/TB – total alpha/total beta
AEA – Alpha Energy Analysis
WTPH-G – Total Hydrocarbons-Gasoline
Am – americium
Cm - curium
Pu – plutonium
Np – neptunium
GEA – gamma energy analysis
H3 – Tritium
Sr – Strontium 89, 90
WTPH-D – Total Hydrocarbons-Diesel
TSS – Total Suspended Solids

REVISED
5/13/05

M8141-SLF-05-115

ATTACHMENT 2

ANALYTICAL RESULTS

Consisting of 57 pages
Including cover page

WSCF
ANALYTICAL RESULTS REPORT

for

Groundwater Remediation Program

Richland, WA 99354

Attention: Steve Trent

Analytical: 3/8/05

Client Services: (John Trechter)

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

Confidentiality Notice: The information contained in this report is privileged and confidential information intended only for the use of the addressee. If the reader of this report is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone at (509) 373-7020.

Contract#: FH-EIS-2003-MEM-001
Report#: WSCF20050265
Report Date: 4-mar-2005
Report WGPP/ver. 1.1
Groundwater Remediation Program

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F04-015: F04-015

Group #: WSCF20050265

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
Inorganic															
W050000296	B19PM5	GRP	TRENT	57-12-5	Cyanide	SOIL	LA-695-402	U	< 0.200	mg/kg	1.00	0.20	02/22/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	TS	Total solids	SOIL	LA-519-412		95.8	%	1.00	0.0	02/08/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	PH	pH Measurement	SOIL	LA-212-411		7.85	pH	1.00	0.010	02/08/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	16984-48-8	Fluoride	SOIL	LA-533-410	B	5.17	mg/kg	50.00	1.2	02/17/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	NO2-N	Nitrogen in Nitrite	SOIL	LA-533-410	U	< 0.950	mg/kg	50.00	0.95	02/17/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	NO3-N	Nitrogen in Nitrate	SOIL	LA-533-410		42.2	mg/kg	50.00	0.65	02/17/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	PO4-P	Phosphate (P) by IC	SOIL	LA-533-410	B	10.0	mg/kg	50.00	2.7	02/17/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	14808-79-8	Sulfate	SOIL	LA-533-410		135	mg/kg	50.00	5.0	02/17/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	7440-22-4	Silver	SOIL	LA-505-412		0.113	mg/kg	9.94	9.9e-03	02/09/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	7440-43-9	Cadmium	SOIL	LA-505-412		0.892	mg/kg	9.94	0.020	02/09/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	7440-47-3	Chromium	SOIL	LA-505-412		17.4	mg/kg	9.94	3.3	02/09/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	7440-50-8	Copper	SOIL	LA-505-412		18.0	mg/kg	9.94	0.64	02/09/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	7439-92-1	Lead	SOIL	LA-505-412		19.0	mg/kg	9.94	0.26	02/09/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	7439-97-6	Mercury	SOIL	LA-505-412		0.412	mg/kg	9.94	9.9e-03	02/09/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	7440-61-1	Uranium	SOIL	LA-505-412		1.60	mg/kg	9.94	0.16	02/09/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	57-12-5	Cyanide	SOIL	LA-695-402	U	< 0.200	mg/kg	1.00	0.20	02/22/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	TS	Total solids	SOIL	LA-519-412		95.7	%	1.00	0.0	02/08/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	PH	pH Measurement	SOIL	LA-212-411		7.98	pH	1.00	0.010	02/08/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	16984-48-8	Fluoride	SOIL	LA-533-410	B	6.46	mg/kg	50.00	1.2	02/17/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	NO2-N	Nitrogen in Nitrite	SOIL	LA-533-410	U	< 0.950	mg/kg	50.00	0.95	02/17/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	NO3-N	Nitrogen in Nitrate	SOIL	LA-533-410		43.1	mg/kg	50.00	0.65	02/17/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	PO4-P	Phosphate (P) by IC	SOIL	LA-533-410	B	12.5	mg/kg	50.00	2.7	02/17/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	14808-79-8	Sulfate	SOIL	LA-533-410		143	mg/kg	50.00	5.0	02/17/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	7440-22-4	Silver	SOIL	LA-505-412		0.203	mg/kg	10.10	0.010	02/09/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	7440-43-9	Cadmium	SOIL	LA-505-412		0.678	mg/kg	10.10	0.020	02/09/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	7440-47-3	Chromium	SOIL	LA-505-412		18.5	mg/kg	10.10	3.4	02/09/05	02/03/05	02/03/05

MDL = Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) U - Analyzed for but not detected above limiting criteria.
RQ = Result Qualifier

DF = Dilution Factor

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F04-015: F04-015

Group #: WSCF20050265

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050000297	B19PM6	GRP	TRENT	7440-50-8	Copper	SOIL	LA-505-412		16.0	mg/kg	10.10	0.65	02/09/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	7439-92-1	Lead	SOIL	LA-505-412		16.2	mg/kg	10.10	0.26	02/09/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	7439-97-6	Mercury	SOIL	LA-505-412		0.525	mg/kg	10.10	0.010	02/09/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	7440-61-1	Uranium	SOIL	LA-505-412		1.45	mg/kg	10.10	0.16	02/09/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	57-12-5	Cyanide	SOIL	LA-695-402	U	< 0.200	mg/kg	1.00	0.20	02/22/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	TS	Total solids	SOIL	LA-519-412		95.7	%	1.00	0.0	02/08/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	PH	pH Measurement	SOIL	LA-212-411		7.91	pH	1.00	0.010	02/08/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	16984-48-8	Fluoride	SOIL	LA-533-410	B	4.59	mg/kg	50.00	1.2	02/17/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	NO2-N	Nitrogen in Nitrite	SOIL	LA-533-410	U	< 0.950	mg/kg	50.00	0.95	02/17/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	NO3-N	Nitrogen in Nitrate	SOIL	LA-533-410		35.4	mg/kg	50.00	0.65	02/17/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	PO4-P	Phosphate (P) by IC	SOIL	LA-533-410	B	10.8	mg/kg	50.00	2.7	02/17/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	14808-79-8	Sulfate	SOIL	LA-533-410		118	mg/kg	50.00	5.0	02/17/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	7440-22-4	Silver	SOIL	LA-505-412		0.0927	mg/kg	9.89	9.9e-03	02/09/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	7440-43-9	Cadmium	SOIL	LA-505-412		0.932	mg/kg	9.89	0.020	02/09/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	7440-47-3	Chromium	SOIL	LA-505-412		20.7	mg/kg	9.89	3.3	02/09/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	7440-50-8	Copper	SOIL	LA-505-412		26.3	mg/kg	9.89	0.63	02/09/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	7439-92-1	Lead	SOIL	LA-505-412		19.6	mg/kg	9.89	0.26	02/09/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	7439-97-6	Mercury	SOIL	LA-505-412		0.323	mg/kg	9.89	9.9e-03	02/09/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	7440-61-1	Uranium	SOIL	LA-505-412		1.55	mg/kg	9.89	0.16	02/09/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	57-12-5	Cyanide	SOIL	LA-695-402	U	< 0.200	mg/kg	1.00	0.20	02/22/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	TS	Total solids	SOIL	LA-519-412		94.5	%	1.00	0.0	02/08/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	PH	pH Measurement	SOIL	LA-212-411		8.95	pH	1.00	0.010	02/08/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	16984-48-8	Fluoride	SOIL	LA-533-410	U	< 1.15	mg/kg	50.00	1.2	02/17/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	NO2-N	Nitrogen in Nitrite	SOIL	LA-533-410	U	< 0.950	mg/kg	50.00	0.95	02/17/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	NO3-N	Nitrogen in Nitrate	SOIL	LA-533-410		14.4	mg/kg	50.00	0.65	02/17/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	PO4-P	Phosphate (P) by IC	SOIL	LA-533-410	B	9.33	mg/kg	50.00	2.7	02/17/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	14808-79-8	Sulfate	SOIL	LA-533-410		45.2	mg/kg	50.00	5.0	02/17/05	02/03/05	02/03/05

MDL = Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) U - Analyzed for but not detected above limiting criteria.
RQ = Result Qualifier

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F04-015: F04-015

Group #: WSCF20050265

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050000299	B19PM8	GRP	TRENT	7440-22-4	Silver	SOIL	LA-505-412	U	< 0.0101	mg/kg	10.09	0.010	02/09/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	7440-43-9	Cadmium	SOIL	LA-505-412		0.740	mg/kg	10.09	0.020	02/09/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	7440-47-3	Chromium	SOIL	LA-505-412		12.4	mg/kg	10.09	3.4	02/09/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	7440-50-8	Copper	SOIL	LA-505-412		14.7	mg/kg	10.09	0.65	02/09/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	7439-92-1	Lead	SOIL	LA-505-412		3.21	mg/kg	10.09	0.26	02/09/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	7439-97-6	Mercury	SOIL	LA-505-412		0.192	mg/kg	10.09	0.010	02/09/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	7440-61-1	Uranium	SOIL	LA-505-412		0.625	mg/kg	10.09	0.16	02/09/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	57-12-5	Cyanide	SOIL	LA-695-402	U	< 0.200	mg/kg	1.00	0.20	02/22/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	TS	Total solids	SOIL	LA-519-412		94.6	%	1.00	0.0	02/08/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	PH	pH Measurement	SOIL	LA-212-411		9.22	pH	1.00	0.010	02/08/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	16984-48-8	Fluoride	SOIL	LA-533-410	U	< 1.15	mg/kg	50.00	1.2	02/17/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	NO2-N	Nitrogen in Nitrite	SOIL	LA-533-410	U	< 0.950	mg/kg	50.00	0.95	02/17/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	NO3-N	Nitrogen in Nitrate	SOIL	LA-533-410	B	4.44	mg/kg	50.00	0.65	02/17/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	PO4-P	Phosphate (P) by IC	SOIL	LA-533-410	U	< 2.70	mg/kg	50.00	2.7	02/17/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	14808-79-8	Sulfate	SOIL	LA-533-410		110	mg/kg	50.00	5.0	02/17/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	7440-22-4	Silver	SOIL	LA-505-412		0.0714	mg/kg	9.92	9.9e-03	02/09/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	7440-43-9	Cadmium	SOIL	LA-505-412		0.0550	mg/kg	9.92	0.020	02/09/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	7440-47-3	Chromium	SOIL	LA-505-412		19.0	mg/kg	9.92	3.3	02/09/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	7440-50-8	Copper	SOIL	LA-505-412		10.3	mg/kg	9.92	0.64	02/09/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	7439-92-1	Lead	SOIL	LA-505-412		3.48	mg/kg	9.92	0.26	02/09/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	7439-97-6	Mercury	SOIL	LA-505-412		0.171	mg/kg	9.92	9.9e-03	02/09/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	7440-61-1	Uranium	SOIL	LA-505-412		0.592	mg/kg	9.92	0.16	02/09/05	02/03/05	02/03/05

MDL = Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) U - Analyzed for but not detected above limiting criteria.
RQ = Result Qualifier

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

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: Anions by Ion Chromatography

SAF Number: F04-015
Sample Date: 02/07/05
Receive Date:02/07/05

Lab ID: W050000410

BATCH QC ASSOCIATED WITH SAMPLE

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
DUP	Fluoride	16984-48-8	<1.15e0	n/a	RPD	02/17/05	0.000	20.000	U
DUP	Nitrogen in Nitrite	NO2-N	<9.50e-1	n/a	RPD	02/17/05	0.000	20.000	U
DUP	Nitrogen in Nitrate	NO3-N	1.01e+01	4.831	RPD	02/17/05	0.000	20.000	
DUP	Phosphate (P) by IC	PO4-P	<2.70e0	n/a	RPD	02/17/05	0.000	20.000	U
DUP	Sulfate	14808-79-8	<5.00e0	n/a	RPD	02/17/05	0.000	20.000	U
MS	Fluoride	16984-48-8	4.77e-01	96.559	% Recov	02/17/05	75.000	125.000	
MS	Nitrogen in Nitrite	NO2-N	5.24e-01	104.800	% Recov	02/17/05	75.000	125.000	
MS	Nitrogen in Nitrate	NO3-N	4.43e-01	98.226	% Recov	02/17/05	75.000	125.000	
MS	Phosphate (P) by IC	PO4-P	8.86e-01	91.434	% Recov	02/17/05	75.000	125.000	
MS	Sulfate	14808-79-8	2.00e+00	100.000	% Recov	02/17/05	75.000	125.000	
MSD	Fluoride	16984-48-8	4.83e-01	97.773	% Recov	02/17/05	75.000	125.000	
MSD	Nitrogen in Nitrite	NO2-N	5.26e-01	105.200	% Recov	02/17/05	75.000	125.000	
MSD	Nitrogen in Nitrate	NO3-N	4.55e-01	100.887	% Recov	02/17/05	75.000	125.000	
MSD	Phosphate (P) by IC	PO4-P	8.88e-01	91.641	% Recov	02/17/05	75.000	125.000	
MSD	Sulfate	14808-79-8	2.04e+00	102.000	% Recov	02/17/05	75.000	125.000	

BATCH QC

BLANK	Fluoride	16984-48-8	<2.30e-2	n/a	mg/L	02/17/05	0.000	300.000	U
BLANK	Fluoride	16984-48-8	<2.30e-2	n/a	mg/L	02/17/05	0.000	300.000	U
BLANK	Nitrogen in Nitrite	NO2-N	<1.90e-2	n/a	mg/L	02/17/05	0.000	300.000	U
BLANK	Nitrogen in Nitrite	NO2-N	<1.90e-2	n/a	mg/L	02/17/05	0.000	300.000	U
BLANK	Nitrogen in Nitrate	NO3-N	<1.30e-2	n/a	mg/L	02/17/05	0.000	300.000	U
BLANK	Nitrogen in Nitrate	NO3-N	<1.30e-2	n/a	mg/L	02/17/05	0.000	300.000	U
BLANK	Phosphate (P) by IC	PO4-P	<5.40e-2	n/a	mg/L	02/17/05	0.000	300.000	U
BLANK	Phosphate (P) by IC	PO4-P	<5.40e-2	n/a	mg/L	02/17/05	0.000	300.000	U
BLANK	Sulfate	14808-79-8	<1.00e-1	n/a	mg/L	02/17/05	0.000	300.000	U

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: Anions by Ion Chromatography

SAF Number: F04-015
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BLANK	Sulfate	14808-79-8	<1.00e-1	n/a	mg/L	02/17/05	0.000	300.000	U
LCS	Fluoride	16984-48-8	1.04e+02	105.370	% Recov	02/17/05	80.000	120.000	
LCS	Nitrogen in Nitrite	NO2-N	1.01e+02	101.000	% Recov	02/17/05	80.000	120.000	
LCS	Nitrogen in Nitrate	NO3-N	9.27e+01	102.886	% Recov	02/17/05	80.000	120.000	
LCS	Phosphate (P) by IC	PO4-P	1.88e+02	97.007	% Recov	02/17/05	80.000	120.000	
LCS	Sulfate	14808-79-8	3.89e+02	97.494	% Recov	02/17/05	80.000	120.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: Cyanide by Midi/Spectrophotom

SAF Number: F04-015
Sample Date: 02/03/05
Receive Date:02/03/05

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit		RQ
Lab ID: W050000296										
BATCH QC ASSOCIATED WITH SAMPLE										
MS	Cyanide by Midi/Spectrophotom	57-12-5	74.1	74.100	% Recov	02/22/05	75.000	125.000	*	
MSD	Cyanide by Midi/Spectrophotom	57-12-5	72.1	72.100	% Recov	02/22/05	75.000	125.000	*	
SPK-RPD	Cyanide by Midi/Spectrophotom	57-12-5	89.100	18.382	RPD	02/22/05	0.000	20.000		
BATCH QC										
BLANK	Cyanide by Midi/Spectrophotom	57-12-5	<1	n/a	ug/L	02/22/05	-4.000	4.000		U
BLNK-PREP	Cyanide by Midi/Spectrophotom	57-12-5	<4	n/a	ug/L	02/22/05	-4.000	4.000		U
LCS	Cyanide by Midi/Spectrophotom	57-12-5	92.7	92.700	% Recov	02/22/05	85.000	115.000		

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: ICP-2008 MS All possible metal

SAF Number: F04-015
Sample Date: 02/03/05
Receive Date:02/03/05

Lab ID: W050000296

BATCH QC ASSOCIATED WITH SAMPLE

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
MS	Silver	7440-22-4	393.7872	98.447	% Recov	02/09/05	70.000	130.000	
MS	Cadmium	7440-43-9	399.2076	99.802	% Recov	02/09/05	70.000	130.000	
MS	Chromium	7440-47-3	397.18	99.295	% Recov	02/09/05	70.000	130.000	
MS	Copper	7440-50-8	396.05	99.013	% Recov	02/09/05	70.000	130.000	
MS	Mercury	7439-97-6	19.1382	95.691	% Recov	02/09/05	70.000	130.000	
MS	Lead	7439-92-1	384.16	96.040	% Recov	02/09/05	70.000	130.000	
MS	Uranium	7440-61-1	398.896	99.724	% Recov	02/09/05	70.000	130.000	
MSD	Silver	7440-22-4	385.9872	96.497	% Recov	02/09/05	70.000	130.000	
MSD	Cadmium	7440-43-9	400.7076	100.177	% Recov	02/09/05	70.000	130.000	
MSD	Chromium	7440-47-3	397.98	99.495	% Recov	02/09/05	70.000	130.000	
MSD	Copper	7440-50-8	403.25	100.812	% Recov	02/09/05	70.000	130.000	
MSD	Mercury	7439-97-6	19.2982	96.491	% Recov	02/09/05	70.000	130.000	
MSD	Lead	7439-92-1	382.56	95.640	% Recov	02/09/05	70.000	130.000	
MSD	Uranium	7440-61-1	393.896	98.474	% Recov	02/09/05	70.000	130.000	
SPK-RPD	Silver	7440-22-4	98.497	2.001	RPD	02/09/05	0.000	20.000	
SPK-RPD	Cadmium	7440-43-9	100.177	0.375	RPD	02/09/05	0.000	20.000	
SPK-RPD	Chromium	7440-47-3	99.495	0.201	RPD	02/09/05	0.000	20.000	
SPK-RPD	Copper	7440-50-8	100.812	1.801	RPD	02/09/05	0.000	20.000	
SPK-RPD	Mercury	7439-97-6	96.491	0.833	RPD	02/09/05	0.000	20.000	
SPK-RPD	Lead	7439-92-1	95.64	0.417	RPD	02/09/05	0.000	20.000	
SPK-RPD	Uranium	7440-61-1	98.474	1.261	RPD	02/09/05	0.000	20.000	

BATCH QC

BLANK	Silver	7440-22-4	2.554e-2	0.026	ug/L	02/09/05			
BLANK	Cadmium	7440-43-9	2.288e-2	0.023	ug/L	02/09/05			
BLANK	Chromium	7440-47-3	<0.336	n/a	ug/L	02/09/05			U

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: ICP-2008 MS All possible metal

SAF Number: F04-015
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BLANK	Copper	7440-50-8	0.4816	0.482	ug/L	02/09/05			
BLANK	Mercury	7439-97-6	7.058e-2	0.071	ug/L	02/09/05			
BLANK	Lead	7439-92-1	4.637e-2	0.046	ug/L	02/09/05			
BLANK	Uranium	7440-61-1	3.219e-2	0.032	ug/L	02/09/05			
LCS	Silver	7440-22-4	153	117.692	% Recov	02/09/05	110.000	170.000	
LCS	Cadmium	7440-43-9	140	109.375	% Recov	02/09/05	88.000	127.000	
LCS	Chromium	7440-47-3	74.31	106.921	% Recov	02/09/05	50.000	126.000	
LCS	Copper	7440-50-8	153.3	103.581	% Recov	02/09/05	61.000	134.000	
LCS	Mercury	7439-97-6	16.15	95.562	% Recov	02/09/05	75.000	114.000	
LCS	Lead	7439-92-1	150.9	106.268	% Recov	02/09/05	87.000	120.000	
LCS	Uranium	7440-61-1	398.3	99.575	% Recov	02/09/05	89.000	107.000	

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F04-015: F04-015

Group #: WSCF20050265

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
Organic															
W050000296	B19PM5	GRP	TRENT	TPHGASOLINE	Total Pet. Hydrocarbons Gas	SOIL	LA-523-443	U	< 250	ug/kg	1.00	2.5e+02	02/16/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	12674-11-2	Aroclor-1016	SOIL	LA-523-427	U	< 260	ug/kg	5.00	2.6e+02	02/22/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	11104-28-2	Aroclor-1221	SOIL	LA-523-427	U	< 510	ug/kg	5.00	5.1e+02	02/22/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	11141-16-5	Aroclor-1232	SOIL	LA-523-427	U	< 260	ug/kg	5.00	2.6e+02	02/22/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	53469-21-9	Aroclor-1242	SOIL	LA-523-427	U	< 260	ug/kg	5.00	2.6e+02	02/22/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	12672-29-6	Aroclor-1248	SOIL	LA-523-427	U	< 260	ug/kg	5.00	2.6e+02	02/22/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	11097-69-1	Aroclor-1254	SOIL	LA-523-427		2.80e+03	ug/kg	5.00	2.6e+02	02/22/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	11096-82-5	Aroclor-1260	SOIL	LA-523-427		1.20e+03	ug/kg	5.00	2.6e+02	02/22/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	37324-23-5	Aroclor-1262	SOIL	LA-523-427	U	< 260	ug/kg	5.00	2.6e+02	02/22/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	11100-14-4	Aroclor-1268	SOIL	LA-523-427	U	< 260	ug/kg	5.00	2.6e+02	02/22/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	100-02-7	4-Nitrophenol	SOIL	LA-523-456	U	< 670	ug/kg	1.00	6.7e+02	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	106-46-7	1,4-Dichlorobenzene	SOIL	LA-523-456	U	< 330	ug/kg	1.00	3.3e+02	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	108-95-2	Phenol	SOIL	LA-523-456	U	< 100	ug/kg	1.00	1.0e+02	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	120-82-1	1,2,4-Trichlorobenzene	SOIL	LA-523-456	U	< 310	ug/kg	1.00	3.1e+02	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	121-14-2	2,4-Dinitrotoluene	SOIL	LA-523-456	U	< 69.0	ug/kg	1.00	69	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	129-00-0	Pyrene	SOIL	LA-523-456	U	< 69.0	ug/kg	1.00	69	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	59-50-7	4-Chloro-3-methylphenol	SOIL	LA-523-456	U	< 69.0	ug/kg	1.00	69	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	621-64-7	N-Nitrosodi-n-dipropylamine	SOIL	LA-523-456	U	< 69.0	ug/kg	1.00	69	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	83-32-9	Acenaphthene	SOIL	LA-523-456	U	< 69.0	ug/kg	1.00	69	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	87-86-5	Pentachlorophenol	SOIL	LA-523-456	U	< 310	ug/kg	1.00	3.1e+02	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	95-57-8	2-Chlorophenol	SOIL	LA-523-456	U	< 150	ug/kg	1.00	1.5e+02	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	126-73-8	Tributyl phosphate	SOIL	LA-523-456	U	< 69.0	ug/kg	1.00	69	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	75-35-4	1,1-Dichloroethene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	79-01-6	Trichloroethene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	71-43-2	Benzene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	108-88-3	Toluene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05

MDL = Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) U - Analyzed for but not detected above limiting criteria.
RQ = Result Qualifier

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F04-015: F04-015

Group #: WSCF20050265

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050000296	B19PM5	GRP	TRENT	108-90-7	Chlorobenzene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	75-34-3	1,1-Dichloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	100-41-4	Ethylbenzene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	100-42-5	Styrene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	10061-01-5	cis-1,3-Dichloropropene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	10061-02-6	trans-1,3-Dichloropropene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	107-06-2	1,2-Dichloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	108-10-1	4-Methyl-2-Pentanone	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	124-48-1	Dibromochloromethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	127-18-4	Tetrachloroethene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	1330-20-7	Xylenes (total)	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	540-59-0	1,2-Dichloroethene(Total)	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	56-23-5	Carbon tetrachloride	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	591-78-6	2-Hexanone	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	67-64-1	Acetone	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	67-66-3	Chloroform	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	71-55-6	1,1,1-Trichloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	74-83-9	Bromomethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	74-87-3	Chloromethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	75-00-3	Chloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	75-01-4	Vinyl chloride	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	75-09-2	Methylenechloride	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	75-15-0	Carbon disulfide	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	75-25-2	Bromoform	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	75-27-4	Bromodichloromethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	78-87-5	1,2-Dichloropropane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	78-93-3	2-Butanone	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05

MDL = Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) U - Analyzed for but not detected above limiting criteria.
RQ = Result Qualifier

DF = Dilution Factor

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F04-015: F04-015

Group #: WSCF20050265

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050000296	B19PM5	GRP	TRENT	79-00-5	1,1,2-Trichloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	79-34-5	1,1,2,2-Tetrachloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	71-36-3	1-Butanol	SOIL	LA-523-455	U	< 42.0	ug/kg	1.00	42	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	104-51-8	n-Butylbenzene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	156-60-5	trans-1,2-Dichloroethylene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	156-59-2	cis-1,2-Dichloroethylene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	TPHDIESEL	Total Pet. Hydrocarbons Diesel	SOIL	NWTPH	U	< 3.90e+03	ug/kg	1.00	3.9e+03	02/08/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	TPHKEROSENE	Kerosene	SOIL	NWTPH	U	< 3.90e+03	ug/kg	1.00	3.9e+03	02/08/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	TPH/OILH	Tot Pet H-Carbons Motor Oil	SOIL	NWTPH		2.30e+05	ug/kg	1.00	6.5e+03	02/08/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	TPHGASOLINE	Total Pet. Hydrocarbons Gas	SOIL	LA-523-443	U	< 250	ug/kg	1.00	2.5e+02	02/16/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	12674-11-2	Aroclor-1016	SOIL	LA-523-427	U	< 200	ug/kg	4.00	2.0e+02	02/22/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	11104-28-2	Aroclor-1221	SOIL	LA-523-427	U	< 410	ug/kg	4.00	4.1e+02	02/22/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	11141-16-5	Aroclor-1232	SOIL	LA-523-427	U	< 200	ug/kg	4.00	2.0e+02	02/22/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	53469-21-9	Aroclor-1242	SOIL	LA-523-427	U	< 200	ug/kg	4.00	2.0e+02	02/22/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	12672-29-6	Aroclor-1248	SOIL	LA-523-427	U	< 200	ug/kg	4.00	2.0e+02	02/22/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	11097-69-1	Aroclor-1254	SOIL	LA-523-427		3.00e+03	ug/kg	4.00	2.0e+02	02/22/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	11096-82-5	Aroclor-1260	SOIL	LA-523-427		1.10e+03	ug/kg	4.00	2.0e+02	02/22/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	37324-23-5	Aroclor-1262	SOIL	LA-523-427	U	< 200	ug/kg	4.00	2.0e+02	02/22/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	11100-14-4	Aroclor-1268	SOIL	LA-523-427	U	< 200	ug/kg	4.00	2.0e+02	02/22/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	100-02-7	4-Nitrophenol	SOIL	LA-523-456	U	< 670	ug/kg	1.00	6.7e+02	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	106-46-7	1,4-Dichlorobenzene	SOIL	LA-523-456	U	< 330	ug/kg	1.00	3.3e+02	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	108-95-2	Phenol	SOIL	LA-523-456	U	< 100	ug/kg	1.00	1.0e+02	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	120-82-1	1,2,4-Trichlorobenzene	SOIL	LA-523-456	U	< 300	ug/kg	1.00	3.0e+02	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	121-14-2	2,4-Dinitrotoluene	SOIL	LA-523-456	U	< 69.0	ug/kg	1.00	69	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	129-00-0	Pyrene	SOIL	LA-523-456	U	< 69.0	ug/kg	1.00	69	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	59-50-7	4-Chloro-3-methylphenol	SOIL	LA-523-456	U	< 69.0	ug/kg	1.00	69	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	621-64-7	N-Nitrosodi-n-dipropylamine	SOIL	LA-523-456	U	< 69.0	ug/kg	1.00	69	02/15/05	02/03/05	02/03/05

MDL=Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) U - Analyzed for but not detected above limiting criteria.
RQ=Result Qualifier

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F04-015: F04-015

Group #: WSCF20050265

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ		Result	Unit	DF	MDL	Analyze	Sample	Receive
W050000297	B19PM6	GRP	TRENT	83-32-9	Acenaphthene	SOIL	LA-523-456	U	<	69.0	ug/kg	1.00	69	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	87-86-5	Pentachlorophenol	SOIL	LA-523-456	U	<	310	ug/kg	1.00	3.1e+02	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	95-57-8	2-Chlorophenol	SOIL	LA-523-456	U	<	150	ug/kg	1.00	1.5e+02	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	126-73-8	Tributyl phosphate	SOIL	LA-523-456	U	<	69.0	ug/kg	1.00	69	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	75-35-4	1,1-Dichloroethene	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	79-01-6	Trichloroethene	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	71-43-2	Benzene	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	108-88-3	Toluene	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	108-90-7	Chlorobenzene	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	75-34-3	1,1-Dichloroethane	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	100-41-4	Ethylbenzene	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	100-42-5	Styrene	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	10061-01-5	cis-1,3-Dichloropropene	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	10061-02-6	trans-1,3-Dichloropropene	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	107-06-2	1,2-Dichloroethane	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	108-10-1	4-Methyl-2-Pentanone	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	124-48-1	Dibromochloromethane	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	127-18-4	Tetrachloroethene	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	1330-20-7	Xylenes (total)	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	540-59-0	1,2-Dichloroethene(Total)	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	56-23-5	Carbon tetrachloride	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	591-78-6	2-Hexanone	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	67-64-1	Acetone	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	67-66-3	Chloroform	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	71-55-6	1,1,1-Trichloroethane	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	74-83-9	Bromomethane	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	74-87-3	Chloromethane	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05

MDL = Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) U - Analyzed for but not detected above limiting criteria.
RQ = Result Qualifier

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F04-015: F04-015

Group #: WSCF20050265

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050000297	B19PM6	GRP	TRENT	75-00-3	Chloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	75-01-4	Vinyl chloride	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	75-09-2	Methylenechloride	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	75-15-0	Carbon disulfide	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	75-25-2	Bromoform	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	75-27-4	Bromodichloromethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	78-87-5	1,2-Dichloropropane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	78-93-3	2-Butanone	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	79-00-5	1,1,2-Trichloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	79-34-5	1,1,2,2-Tetrachloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	71-36-3	1-Butanol	SOIL	LA-523-455	U	< 42.0	ug/kg	1.00	42	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	104-51-8	n-Butylbenzene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	156-60-5	trans-1,2-Dichloroethylene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	156-59-2	cis-1,2-Dichloroethylene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	TPHDIESEL	Total Pet. Hydrocarbons Diesel	SOIL	NWTPH	U	< 3.90e+03	ug/kg	1.00	3.9e+03	02/08/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	TPHKEROSENE	Kerosene	SOIL	NWTPH	U	< 3.90e+03	ug/kg	1.00	3.9e+03	02/08/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	TPH/OILH	Tot Pet H-Carbons Motor Oil	SOIL	NWTPH		1.80e+05	ug/kg	1.00	6.5e+03	02/08/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	TPHGASOLINE	Total Pet. Hydrocarbons Gas	SOIL	LA-523-443	U	< 250	ug/kg	1.00	2.5e+02	02/16/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	12674-11-2	Aroclor-1016	SOIL	LA-523-427	U	< 200	ug/kg	4.00	2.0e+02	02/22/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	11104-28-2	Aroclor-1221	SOIL	LA-523-427	U	< 400	ug/kg	4.00	4.0e+02	02/22/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	11141-16-5	Aroclor-1232	SOIL	LA-523-427	U	< 200	ug/kg	4.00	2.0e+02	02/22/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	53469-21-9	Aroclor-1242	SOIL	LA-523-427	U	< 200	ug/kg	4.00	2.0e+02	02/22/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	12672-29-6	Aroclor-1248	SOIL	LA-523-427	U	< 200	ug/kg	4.00	2.0e+02	02/22/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	11097-69-1	Aroclor-1254	SOIL	LA-523-427		2.80e+03	ug/kg	4.00	2.0e+02	02/22/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	11096-82-5	Aroclor-1260	SOIL	LA-523-427		1.10e+03	ug/kg	4.00	2.0e+02	02/22/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	37324-23-5	Aroclor-1262	SOIL	LA-523-427	U	< 200	ug/kg	4.00	2.0e+02	02/22/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	11100-14-4	Aroclor-1268	SOIL	LA-523-427	U	< 200	ug/kg	4.00	2.0e+02	02/22/05	02/03/05	02/03/05

MDL = Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) U - Analyzed for but not detected above limiting criteria.
RQ = Result Qualifier

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F04-015: F04-015

Group #: WSCF20050265

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050000298	B19PM7	GRP	TRENT	100-02-7	4-Nitrophenol	SOIL	LA-523-456	U	< 670	ug/kg	1.00	6.7e+02	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	106-46-7	1,4-Dichlorobenzene	SOIL	LA-523-456	U	< 330	ug/kg	1.00	3.3e+02	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	108-95-2	Phenol	SOIL	LA-523-456	U	< 100	ug/kg	1.00	1.0e+02	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	120-82-1	1,2,4-Trichlorobenzene	SOIL	LA-523-456	U	< 310	ug/kg	1.00	3.1e+02	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	121-14-2	2,4-Dinitrotoluene	SOIL	LA-523-456	U	< 69.0	ug/kg	1.00	69	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	129-00-0	Pyrene	SOIL	LA-523-456	U	< 69.0	ug/kg	1.00	69	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	59-50-7	4-Chloro-3-methylphenol	SOIL	LA-523-456	U	< 69.0	ug/kg	1.00	69	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	621-64-7	N-Nitrosodi-n-dipropylamine	SOIL	LA-523-456	U	< 69.0	ug/kg	1.00	69	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	83-32-9	Acenaphthene	SOIL	LA-523-456	U	< 69.0	ug/kg	1.00	69	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	87-86-5	Pentachlorophenol	SOIL	LA-523-456	U	< 310	ug/kg	1.00	3.1e+02	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	95-57-8	2-Chlorophenol	SOIL	LA-523-456	U	< 150	ug/kg	1.00	1.5e+02	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	126-73-8	Tributyl phosphate	SOIL	LA-523-456	U	< 69.0	ug/kg	1.00	69	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	75-35-4	1,1-Dichloroethene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	79-01-6	Trichloroethene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	71-43-2	Benzene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	108-88-3	Toluene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	108-90-7	Chlorobenzene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	75-34-3	1,1-Dichloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	100-41-4	Ethylbenzene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	100-42-5	Styrene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	10061-01-5	cis-1,3-Dichloropropene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	10061-02-6	trans-1,3-Dichloropropene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	107-06-2	1,2-Dichloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	108-10-1	4-Methyl-2-Pentanone	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	124-48-1	Dibromochloromethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	127-18-4	Tetrachloroethene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	1330-20-7	Xylenes (total)	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05

MDL = Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) U - Analyzed for but not detected above limiting criteria.
RQ = Result Qualifier

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent **Group #:** WSCF20050265
Project: F04-015: F04-015

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050000298	B19PM7	GRP	TRENT	540-59-0	1,2-Dichloroethene(Total)	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	56-23-5	Carbon tetrachloride	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	591-78-6	2-Hexanone	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	67-64-1	Acetone	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	67-66-3	Chloroform	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	71-55-6	1,1,1-Trichloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	74-83-9	Bromomethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	74-87-3	Chloromethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	75-00-3	Chloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	75-01-4	Vinyl chloride	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	75-09-2	Methylenechloride	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	75-15-0	Carbon disulfide	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	75-25-2	Bromoform	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	75-27-4	Bromodichloromethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	78-87-5	1,2-Dichloropropane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	78-93-3	2-Butanone	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	79-00-5	1,1,2-Trichloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	79-34-5	1,1,2,2-Tetrachloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	71-36-3	1-Butanol	SOIL	LA-523-455	U	< 42.0	ug/kg	1.00	42	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	104-51-8	n-Butylbenzene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	156-60-5	trans-1,2-Dichloroethylene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	156-59-2	cis-1,2-Dichloroethylene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	TPHDIESEL	Total Pet. Hydrocarbons Diesel	SOIL	NWTPH	U	< 4.00e+03	ug/kg	1.00	4.0e+03	02/08/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	TPHKEROSENE	Kerosene	SOIL	NWTPH	U	< 4.00e+03	ug/kg	1.00	4.0e+03	02/08/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	TPH/OILH	Tot Pet H-Carbons Motor Oil	SOIL	NWTPH		1.60e+05	ug/kg	1.00	6.6e+03	02/08/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	TPHGASOLINE	Total Pet. Hydrocarbons Gas	SOIL	LA-523-443	U	< 250	ug/kg	1.00	2.5e+02	02/16/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	12674-11-2	Aroclor-1016	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	02/16/05	02/03/05	02/03/05

MDL = Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) U - Analyzed for but not detected above limiting criteria.
RQ = Result Qualifier

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F04-015: F04-015

Group #: WSCF20050265

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ		Result	Unit	DF	MDL	Analyze	Sample	Receive
W050000299	B19PM8	GRP	TRENT	11104-28-2	Aroclor-1221	SOIL	LA-523-427	U	<	100	ug/kg	1.00	1.0e+02	02/16/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	11141-16-5	Aroclor-1232	SOIL	LA-523-427	U	<	52.0	ug/kg	1.00	52	02/16/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	53469-21-9	Aroclor-1242	SOIL	LA-523-427	U	<	52.0	ug/kg	1.00	52	02/16/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	12672-29-6	Aroclor-1248	SOIL	LA-523-427	U	<	52.0	ug/kg	1.00	52	02/16/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	11097-69-1	Aroclor-1254	SOIL	LA-523-427			410	ug/kg	1.00	52	02/16/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	11096-82-5	Aroclor-1260	SOIL	LA-523-427			160	ug/kg	1.00	52	02/16/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	37324-23-5	Aroclor-1262	SOIL	LA-523-427	U	<	52.0	ug/kg	1.00	52	02/16/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	11100-14-4	Aroclor-1268	SOIL	LA-523-427	U	<	52.0	ug/kg	1.00	52	02/16/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	100-02-7	4-Nitrophenol	SOIL	LA-523-456	U	<	680	ug/kg	1.00	6.8e+02	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	106-46-7	1,4-Dichlorobenzene	SOIL	LA-523-456	U	<	330	ug/kg	1.00	3.3e+02	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	108-95-2	Phenol	SOIL	LA-523-456	U	<	110	ug/kg	1.00	1.1e+02	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	120-82-1	1,2,4-Trichlorobenzene	SOIL	LA-523-456	U	<	310	ug/kg	1.00	3.1e+02	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	121-14-2	2,4-Dinitrotoluene	SOIL	LA-523-456	U	<	70.0	ug/kg	1.00	70	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	129-00-0	Pyrene	SOIL	LA-523-456	U	<	70.0	ug/kg	1.00	70	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	59-50-7	4-Chloro-3-methylphenol	SOIL	LA-523-456	U	<	70.0	ug/kg	1.00	70	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	621-64-7	N-Nitrosodi-n-dipropylamine	SOIL	LA-523-456	U	<	70.0	ug/kg	1.00	70	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	83-32-9	Acenaphthene	SOIL	LA-523-456	U	<	70.0	ug/kg	1.00	70	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	87-86-5	Pentachlorophenol	SOIL	LA-523-456	U	<	320	ug/kg	1.00	3.2e+02	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	95-57-8	2-Chlorophenol	SOIL	LA-523-456	U	<	150	ug/kg	1.00	1.5e+02	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	126-73-8	Tributyl phosphate	SOIL	LA-523-456	U	<	70.0	ug/kg	1.00	70	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	75-35-4	1,1-Dichloroethene	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	79-01-6	Trichloroethene	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	71-43-2	Benzene	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	108-88-3	Toluene	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	108-90-7	Chlorobenzene	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	75-34-3	1,1-Dichloroethane	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	100-41-4	Ethylbenzene	SOIL	LA-523-455	U	<	2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05

MDL = Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) U - Analyzed for but not detected above limiting criteria.
RQ = Result Qualifier

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F04-015: F04-015

Group #: WSCF20050265

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050000299	B19PM8	GRP	TRENT	100-42-5	Styrene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	10061-01-5	cis-1,3-Dichloropropene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	10061-02-6	trans-1,3-Dichloropropene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	107-06-2	1,2-Dichloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	108-10-1	4-Methyl-2-Pentanone	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	124-48-1	Dibromochloromethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	127-18-4	Tetrachloroethene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	1330-20-7	Xylenes (total)	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	540-59-0	1,2-Dichloroethene(Total)	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	56-23-5	Carbon tetrachloride	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	591-78-6	2-Hexanone	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	67-64-1	Acetone	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	67-66-3	Chloroform	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	71-55-6	1,1,1-Trichloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	74-83-9	Bromomethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	74-87-3	Chloromethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	75-00-3	Chloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	75-01-4	Vinyl chloride	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	75-09-2	Methylenechloride	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	75-15-0	Carbon disulfide	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	75-25-2	Bromoform	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	75-27-4	Bromodichloromethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	78-87-5	1,2-Dichloropropane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	78-93-3	2-Butanone	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	79-00-5	1,1,2-Trichloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	79-34-5	1,1,2,2-Tetrachloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	71-36-3	1-Butanol	SOIL	LA-523-455	U	< 42.0	ug/kg	1.00	42	02/15/05	02/03/05	02/03/05

MDL=Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) U - Analyzed for but not detected above limiting criteria.
RQ=Result Qualifier

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F04-015: F04-015

Group #: WSCF20050265

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050000299	B19PM8	GRP	TRENT	104-51-8	n-Butylbenzene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	156-60-5	trans-1,2-Dichloroethylene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	156-59-2	cis-1,2-Dichloroethylene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	TPHDIESEL	Total Pet. Hydrocarbons Diesel	SOIL	NWTPH	U	< 4.00e+03	ug/kg	1.00	4.0e+03	02/08/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	TPHKEROSENE	Kerosene	SOIL	NWTPH	U	< 4.00e+03	ug/kg	1.00	4.0e+03	02/08/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	TPHGASOLINE	Total Pet. Hydrocarbons Gas	SOIL	LA-523-443	U	< 250	ug/kg	1.00	2.5e+02	02/16/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	12674-11-2	Aroclor-1016	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	02/16/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	11104-28-2	Aroclor-1221	SOIL	LA-523-427	U	< 100	ug/kg	1.00	1.0e+02	02/16/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	11141-16-5	Aroclor-1232	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	02/16/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	53469-21-9	Aroclor-1242	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	02/16/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	12672-29-6	Aroclor-1248	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	02/16/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	11097-69-1	Aroclor-1254	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	02/16/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	11096-82-5	Aroclor-1260	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	02/16/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	37324-23-5	Aroclor-1262	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	02/16/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	11100-14-4	Aroclor-1268	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	02/16/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	100-02-7	4-Nitrophenol	SOIL	LA-523-456	U	< 680	ug/kg	1.00	6.8e+02	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	106-46-7	1,4-Dichlorobenzene	SOIL	LA-523-456	U	< 330	ug/kg	1.00	3.3e+02	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	108-95-2	Phenol	SOIL	LA-523-456	U	< 110	ug/kg	1.00	1.1e+02	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	120-82-1	1,2,4-Trichlorobenzene	SOIL	LA-523-456	U	< 310	ug/kg	1.00	3.1e+02	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	121-14-2	2,4-Dinitrotoluene	SOIL	LA-523-456	U	< 70.0	ug/kg	1.00	70	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	129-00-0	Pyrene	SOIL	LA-523-456	U	< 70.0	ug/kg	1.00	70	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	59-50-7	4-Chloro-3-methylphenol	SOIL	LA-523-456	U	< 70.0	ug/kg	1.00	70	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	621-64-7	N-Nitrosodi-n-dipropylamine	SOIL	LA-523-456	U	< 70.0	ug/kg	1.00	70	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	83-32-9	Acenaphthene	SOIL	LA-523-456	U	< 70.0	ug/kg	1.00	70	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	87-86-5	Pentachlorophenol	SOIL	LA-523-456	U	< 320	ug/kg	1.00	3.2e+02	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	95-57-8	2-Chlorophenol	SOIL	LA-523-456	U	< 150	ug/kg	1.00	1.5e+02	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	126-73-8	Tributyl phosphate	SOIL	LA-523-456	U	< 70.0	ug/kg	1.00	70	02/15/05	02/03/05	02/03/05

MDL = Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) U - Analyzed for but not detected above limiting criteria.
RQ = Result Qualifier

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F04-015: F04-015

Group #: WSCF20050265

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050000300	B19PM9	GRP	TRENT	75-35-4	1,1-Dichloroethene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	79-01-6	Trichloroethene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	71-43-2	Benzene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	108-88-3	Toluene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	108-90-7	Chlorobenzene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	75-34-3	1,1-Dichloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	100-41-4	Ethylbenzene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	100-42-5	Styrene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	10061-01-5	cis-1,3-Dichloropropene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	10061-02-6	trans-1,3-Dichloropropene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	107-06-2	1,2-Dichloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	108-10-1	4-Methyl-2-Pentanone	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	124-48-1	Dibromochloromethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	127-18-4	Tetrachloroethene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	1330-20-7	Xylenes (total)	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	540-59-0	1,2-Dichloroethene(Total)	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	56-23-5	Carbon tetrachloride	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	591-78-6	2-Hexanone	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	67-64-1	Acetone	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	67-66-3	Chloroform	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	71-55-6	1,1,1-Trichloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	74-83-9	Bromomethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	74-87-3	Chloromethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	75-00-3	Chloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	75-01-4	Vinyl chloride	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	75-09-2	Methylenechloride	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	75-15-0	Carbon disulfide	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05

MDL=Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) U - Analyzed for but not detected above limiting criteria.
RQ=Result Qualifier

DF=Dilution Factor

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F04-015: F04-015

Group #: WSCF20050265

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050000300	B19PM9	GRP	TRENT	75-25-2	Bromoform	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	75-27-4	Bromodichloromethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	78-87-5	1,2-Dichloropropane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	78-93-3	2-Butanone	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	79-00-5	1,1,2-Trichloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	79-34-5	1,1,2,2-Tetrachloroethane	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	71-36-3	1-Butanol	SOIL	LA-523-455	U	< 42.0	ug/kg	1.00	42	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	104-51-8	n-Butylbenzene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	156-60-5	trans-1,2-Dichloroethylene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	156-59-2	cis-1,2-Dichloroethylene	SOIL	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	02/15/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	TPHDIESEL	Total Pet. Hydrocarbons Diesel	SOIL	NWTPH	U	< 4.00e+03	ug/kg	1.00	4.0e+03	02/08/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	TPHKEROSENE	Kerosene	SOIL	NWTPH	U	< 4.00e+03	ug/kg	1.00	4.0e+03	02/08/05	02/03/05	02/03/05

MDL = Minimum Detection Limit
RQ = Result Qualifier

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

U - Analyzed for but not detected above limiting criteria.

DF = Dilution Factor

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

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: PCBs complete list

SAF Number: F04-015
Sample Date: 02/03/05
Receive Date:02/03/05

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W050000296									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	Decachlorobiphenyl	2051-24-3	1102.2	107.000	% Recov	02/22/05	50.000	150.000	
SURR	Tetrachloro-m-xylene	877-09-8	1092.2	106.000	% Recov	02/22/05	50.000	150.000	
Lab ID: W050000297									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	Decachlorobiphenyl	2051-24-3	1153.6	113.000	% Recov	02/22/05	50.000	150.000	
SURR	Tetrachloro-m-xylene	877-09-8	1183.5	116.000	% Recov	02/22/05	50.000	150.000	
Lab ID: W050000298									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	Decachlorobiphenyl	2051-24-3	1078.8	107.000	% Recov	02/22/05	50.000	150.000	
SURR	Tetrachloro-m-xylene	877-09-8	1058.2	105.000	% Recov	02/22/05	50.000	150.000	
Lab ID: W050000299									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	Decachlorobiphenyl	2051-24-3	1067.0	103.000	% Recov	02/16/05	50.000	150.000	
SURR	Tetrachloro-m-xylene	877-09-8	977.26	94.000	% Recov	02/16/05	50.000	150.000	
Lab ID: W050000300									
BATCH QC ASSOCIATED WITH SAMPLE									
MS	Aroclor-1254	11097-69-1	1243.4	120.000	% Recov	02/22/05	75.000	125.000	
MS	Decachlorobiphenyl	2051-24-3	1063.4	103.000	% Recov	02/22/05	50.000	150.000	
MS	Tetrachloro-m-xylene	877-09-8	1010.0	97.500	% Recov	02/22/05	50.000	150.000	
MSD	Aroclor-1254	11097-69-1	1208.7	116.630	% Recov	02/22/05	75.000	125.000	
MSD	Decachlorobiphenyl	2051-24-3	1063.7	103.000	% Recov	02/22/05	50.000	150.000	
MSD	Tetrachloro-m-xylene	877-09-8	1021.4	98.600	% Recov	02/22/05	50.000	150.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: PCBs complete list

SAF Number: F04-015
Sample Date: 02/03/05
Receive Date:02/03/05

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
SPK-RPD	Aroclor-1254	11097-69-1	116.630	2.848	RPD	02/22/05	0.000	25.000	
SPK-RPD	Decachlorobiphenyl	2051-24-3	103.000	0.000	RPD	02/16/05	0.000	20.000	
SPK-RPD	Tetrachloro-m-xylene	877-09-8	98.600	1.122	RPD	02/16/05	0.000	20.000	
SURR	Decachlorobiphenyl	2051-24-3	1045.9	101.000	% Recov	02/16/05	50.000	150.000	
SURR	Tetrachloro-m-xylene	877-09-8	976.81	94.300	% Recov	02/16/05	50.000	150.000	

BATCH QC

BLANK	Aroclor-1016	12674-11-2	< 50	n/a	UGKG	02/16/05			U
BLANK	Aroclor-1221	11104-28-2	< 100	n/a	ug/Kg	02/16/05			U
BLANK	Aroclor-1232	11141-16-5	< 50	n/a	ug/Kg	02/16/05			U
BLANK	Aroclor-1242	53469-21-9	< 50	n/a	ug/Kg	02/16/05			U
BLANK	Aroclor-1248	12672-29-6	< 50	n/a	ug/Kg	02/16/05			U
BLANK	Aroclor-1254	11097-69-1	< 50	n/a	ug/Kg	02/16/05			U
BLANK	Aroclor-1260	11096-82-5	< 50	n/a	ug/Kg	02/16/05			U
BLANK	Aroclor-1262	37324-23-5	< 50	n/a	ug/Kg	02/16/05			U
BLANK	Aroclor-1268	11100-14-4	< 50	n/a	ug/Kg	02/16/05			U
BLANK	Decachlorobiphenyl	2051-24-3	981.38	98.100	% Recov	02/16/05	50.000	150.000	
BLANK	Tetrachloro-m-xylene	877-09-8	998.65	99.900	% Recov	02/16/05	50.000	150.000	
LCS	Aroclor-1254	11097-69-1	1142.4	114.000	% Recov	02/16/05	70.000	130.000	
LCS	Decachlorobiphenyl	2051-24-3	1022.8	102.000	% Recov	02/16/05	50.000	150.000	
LCS	Tetrachloro-m-xylene	877-09-8	990.99	99.100	% Recov	02/16/05	50.000	150.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: SW-846 8270B Semi-Vols

SAF Number: F04-015
Sample Date: 02/02/05
Receive Date:02/02/05

Lab ID: W050000288
BATCH QC ASSOCIATED WITH SAMPLE

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
MS	1,2,4-Trichlorobenzene	120-82-1	3157.0	90.300	% Recov	02/15/05	46.000	107.000	
MS	1,4-Dichlorobenzene	106-46-7	3118.0	89.200	% Recov	02/15/05	30.000	96.000	
MS	2,4-Dinitrotoluene	121-14-2	2689.6	76.900	% Recov	02/15/05	59.000	106.000	
MS	2-Fluorophenol	367-12-4	3132.8	89.600	% Recov	02/15/05	42.000	105.000	
MS	Acenaphthene	83-32-9	3130.4	89.500	% Recov	02/15/05	61.000	116.000	
MS	4-Chloro-3-methylphenol	59-50-7	5051.7	96.300	% Recov	02/15/05	61.000	106.000	
MS	2-Chlorophenol	95-57-8	4658.2	88.800	% Recov	02/15/05	66.000	106.000	
MS	N-Nitrosodi-n-dipropylamine	621-64-7	3499.9	100.000	% Recov	02/15/05	71.000	114.000	
MS	2-Fluorobiphenyl	321-60-8	3250.8	93.000	% Recov	02/15/05	56.000	122.000	
MS	Phenol	108-95-2	5101.0	97.200	% Recov	02/15/05	42.000	111.000	
MS	Nitrobenzene-d5	4165-60-0	3251.0	93.000	% Recov	02/15/05	64.000	111.000	
MS	4-Nitrophenol	100-02-7	4076.3	77.700	% Recov	02/15/05	32.000	118.000	
MS	Pentachlorophenol	87-86-5	4934.6	94.100	% Recov	02/15/05	62.000	114.000	
MS	Phenol-d5	4165-62-2	3350.8	95.800	% Recov	02/15/05	54.000	120.000	
MS	Pyrene	129-00-0	3111.0	89.000	% Recov	02/15/05	66.000	118.000	
MS	2,4,6-Tribromophenol	118-79-6	3377.0	96.600	% Recov	02/15/05	24.000	122.000	
MS	Terphenyl-d14 (7Cl)	98904-43-9	3158.6	90.300	% Recov	02/15/05	35.000	150.000	
MSD	1,2,4-Trichlorobenzene	120-82-1	3253.4	92.700	% Recov	02/15/05	46.000	107.000	
MSD	1,4-Dichlorobenzene	106-46-7	3046.7	86.800	% Recov	02/15/05	30.000	96.000	
MSD	2,4-Dinitrotoluene	121-14-2	2443.5	69.600	% Recov	02/15/05	59.000	106.000	
MSD	2-Fluorophenol	367-12-4	3153.3	89.800	% Recov	02/15/05	42.000	105.000	
MSD	Acenaphthene	83-32-9	3152.1	89.800	% Recov	02/15/05	61.000	116.000	
MSD	4-Chloro-3-methylphenol	59-50-7	5287.2	100.000	% Recov	02/15/05	61.000	106.000	
MSD	2-Chlorophenol	95-57-8	4592.0	87.200	% Recov	02/15/05	66.000	106.000	
MSD	N-Nitrosodi-n-dipropylamine	621-64-7	3503.8	99.800	% Recov	02/15/05	71.000	114.000	
MSD	2-Fluorobiphenyl	321-60-8	3158.2	90.000	% Recov	02/15/05	56.000	122.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: SW-846 8270B Semi-Vols

SAF Number: F04-015
Sample Date: 02/02/05
Receive Date:02/02/05

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
MSD	Phenol	108-95-2	5026.5	95.500	% Recov	02/15/05	42.000	111.000	
MSD	Nitrobenzene-d5	4165-60-0	3339.2	95.100	% Recov	02/15/05	64.000	111.000	
MSD	4-Nitrophenol	100-02-7	4042.1	76.800	% Recov	02/15/05	32.000	118.000	
MSD	Pentachlorophenol	87-86-5	4750.5	90.200	% Recov	02/15/05	62.000	114.000	
MSD	Phenol-d5	4165-62-2	3255.8	92.800	% Recov	02/15/05	54.000	120.000	
MSD	Pyrene	129-00-0	3105.7	88.500	% Recov	02/15/05	66.000	118.000	
MSD	2,4,6-Tribromophenol	118-79-6	3378.6	96.300	% Recov	02/15/05	24.000	122.000	
MSD	Terphenyl-d14 (7Cl)	98904-43-9	3175.0	90.500	% Recov	02/15/05	35.000	150.000	
SPK-RPD	1,2,4-Trichlorobenzene	120-82-1	92.700	2.623	RPD	02/15/05	0.000	20.000	
SPK-RPD	1,4-Dichlorobenzene	106-46-7	86.800	2.727	RPD	02/15/05	0.000	20.000	
SPK-RPD	2,4-Dinitrotoluene	121-14-2	69.600	9.968	RPD	02/15/05	0.000	20.000	
SPK-RPD	2-Fluorophenol	367-12-4	89.800	0.223	RPD	02/15/05	0.000	20.000	
SPK-RPD	Acenaphthene	83-32-9	89.800	0.335	RPD	02/15/05	0.000	20.000	
SPK-RPD	4-Chloro-3-methylphenol	59-50-7	100.000	3.770	RPD	02/15/05	0.000	20.000	
SPK-RPD	2-Chlorophenol	95-57-8	87.200	1.818	RPD	02/15/05	0.000	20.000	
SPK-RPD	N-Nitrosodi-n-dipropylamine	621-64-7	99.800	0.200	RPD	02/15/05	0.000	20.000	
SPK-RPD	2-Fluorobiphenyl	321-60-8	90.000	3.279	RPD	02/15/05	0.000	20.000	
SPK-RPD	Phenol	108-95-2	95.500	1.764	RPD	02/15/05	0.000	20.000	
SPK-RPD	Nitrobenzene-d5	4165-60-0	95.100	2.233	RPD	02/15/05	0.000	20.000	
SPK-RPD	4-Nitrophenol	100-02-7	76.800	1.165	RPD	02/15/05	0.000	20.000	
SPK-RPD	Pentachlorophenol	87-86-5	90.200	4.232	RPD	02/15/05	0.000	20.000	
SPK-RPD	Phenol-d5	4165-62-2	92.800	3.181	RPD	02/15/05	0.000	20.000	
SPK-RPD	Pyrene	129-00-0	88.500	0.563	RPD	02/15/05	0.000	20.000	
SPK-RPD	2,4,6-Tribromophenol	118-79-6	96.300	0.311	RPD	02/15/05	0.000	20.000	
SPK-RPD	Terphenyl-d14 (7Cl)	98904-43-9	90.500	0.221	RPD	02/15/05	0.000	20.000	

Lab ID: W050000296
BATCH QC ASSOCIATED WITH SAMPLE

SURR	2-Fluorophenol	367-12-4	3009.7	86.800	% Recov	02/15/05	42.000	105.000
SURR	2-Fluorobiphenyl	321-60-8	3298.1	95.100	% Recov	02/15/05	56.000	122.000

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: SW-846 8270B Semi-Vols

SAF Number: F04-015
Sample Date: 02/03/05
Receive Date:02/03/05

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
SURR	Nitrobenzene-d5	4165-60-0	3462.4	99.800	% Recov	02/15/05	64.000	111.000	
SURR	Phenol-d5	4165-62-2	3261.1	94.000	% Recov	02/15/05	54.000	120.000	
SURR	2,4,6-Tribromophenol	118-79-6	3098.9	89.300	% Recov	02/15/05	24.000	122.000	
SURR	Terphenyl-d14 (7Cl)	98904-43-9	3032.9	87.400	% Recov	02/15/05	35.000	150.000	

Lab ID: W050000297
BATCH QC ASSOCIATED WITH SAMPLE

SURR	2-Fluorophenol	367-12-4	2945.6	85.100	% Recov	02/15/05	42.000	105.000	
SURR	2-Fluorobiphenyl	321-60-8	3280.7	94.700	% Recov	02/15/05	56.000	122.000	
SURR	Nitrobenzene-d5	4165-60-0	3482.2	101.000	% Recov	02/15/05	64.000	111.000	
SURR	Phenol-d5	4165-62-2	3309.9	95.600	% Recov	02/15/05	54.000	120.000	
SURR	2,4,6-Tribromophenol	118-79-6	3094.3	89.400	% Recov	02/15/05	24.000	122.000	
SURR	Terphenyl-d14 (7Cl)	98904-43-9	3062.6	88.400	% Recov	02/15/05	35.000	150.000	

Lab ID: W050000298
BATCH QC ASSOCIATED WITH SAMPLE

SURR	2-Fluorophenol	367-12-4	2957.1	85.100	% Recov	02/15/05	42.000	105.000	
SURR	2-Fluorobiphenyl	321-60-8	3305.9	95.200	% Recov	02/15/05	56.000	122.000	
SURR	Nitrobenzene-d5	4165-60-0	3415.7	98.300	% Recov	02/15/05	64.000	111.000	
SURR	Phenol-d5	4165-62-2	3296.8	94.900	% Recov	02/15/05	54.000	120.000	
SURR	2,4,6-Tribromophenol	118-79-6	3181.3	91.600	% Recov	02/15/05	24.000	122.000	
SURR	Terphenyl-d14 (7Cl)	98904-43-9	3036.2	87.400	% Recov	02/15/05	35.000	150.000	

Lab ID: W050000299
BATCH QC ASSOCIATED WITH SAMPLE

SURR	2-Fluorophenol	367-12-4	3040.0	86.400	% Recov	02/15/05	42.000	105.000	
SURR	2-Fluorobiphenyl	321-60-8	3305.0	94.000	% Recov	02/15/05	56.000	122.000	
SURR	Nitrobenzene-d5	4165-60-0	3411.3	97.000	% Recov	02/15/05	64.000	111.000	
SURR	Phenol-d5	4165-62-2	3313.2	94.200	% Recov	02/15/05	54.000	120.000	
SURR	2,4,6-Tribromophenol	118-79-6	3243.2	92.200	% Recov	02/15/05	24.000	122.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: SW-846 8270B Semi-Vols

SAF Number: F04-015
Sample Date: 02/03/05
Receive Date:02/03/05

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
SURR	Terphenyl-d14 (7Cl)	98904-43-9	3045.6	86.600	% Recov	02/15/05	35.000	150.000	

Lab ID: W050000300
BATCH QC ASSOCIATED WITH SAMPLE

SURR	2-Fluorophenol	367-12-4	3148.4	89.500	% Recov	02/15/05	42.000	105.000	
SURR	2-Fluorobiphenyl	321-60-8	3370.3	95.800	% Recov	02/15/05	56.000	122.000	
SURR	Nitrobenzene-d5	4165-60-0	3462.0	98.400	% Recov	02/15/05	64.000	111.000	
SURR	Phenol-d5	4165-62-2	3342.7	95.000	% Recov	02/15/05	54.000	120.000	
SURR	2,4,6-Tribromophenol	118-79-6	3143.0	89.300	% Recov	02/15/05	24.000	122.000	
SURR	Terphenyl-d14 (7Cl)	98904-43-9	3034.0	86.200	% Recov	02/15/05	35.000	150.000	

BATCH QC

BLANK	1,2,4-Trichlorobenzene	120-82-1	< 290	n/a	ug/Kg	02/15/05			U
BLANK	1,4-Dichlorobenzene	106-46-7	< 310	n/a	ug/Kg	02/15/05			U
BLANK	2,4-Dinitrotoluene	121-14-2	< 67	n/a	ug/Kg	02/15/05			U
BLANK	2-Fluorophenol	367-12-4	2987.5	89.600	% Recov	02/15/05	42.000	105.000	
BLANK	Acenaphthene	83-32-9	< 67	n/a	ug/Kg	02/15/05			U
BLANK	4-Chloro-3-methylphenol	59-50-7	< 67	n/a	ug/Kg	02/15/05			U
BLANK	2-Chlorophenol	95-57-8	< 150	n/a	ug/Kg	02/15/05			U
BLANK	N-Nitrosodi-n-dipropylamine	621-64-7	< 67	n/a	ug/Kg	02/15/05			U
BLANK	2-Fluorobiphenyl	321-60-8	3185.6	95.600	% Recov	02/15/05	56.000	122.000	
BLANK	Phenol	108-95-2	< 100	n/a	ug/Kg	02/15/05			U
BLANK	Nitrobenzene-d5	4165-60-0	3241.3	97.200	% Recov	02/15/05	64.000	111.000	
BLANK	4-Nitrophenol	100-02-7	< 650	n/a	ug/Kg	02/15/05			U
BLANK	Pentachlorophenol	87-86-5	< 300	n/a	ug/Kg	02/15/05			U
BLANK	Phenol-d5	4165-62-2	3240.9	97.200	% Recov	02/15/05	54.000	120.000	
BLANK	Pyrene	129-00-0	< 67	n/a	ug/Kg	02/15/05			U
BLANK	Tributyl phosphate	126-73-8	< 67	n/a	ug/Kg	02/15/05			U
BLANK	2,4,6-Tribromophenol	118-79-6	2875.4	86.300	% Recov	02/15/05	24.000	122.000	
BLANK	Terphenyl-d14 (7Cl)	98904-43-9	2879.1	86.400	% Recov	02/15/05	35.000	150.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: SW-846 8270B Semi-Vols

SAF Number: F04-015
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
LCS	1,2,4-Trichlorobenzene	120-82-1	3054.7	91.600	% Recov	02/15/05	46.000	107.000	
LCS	1,4-Dichlorobenzene	106-46-7	2875.0	86.300	% Recov	02/15/05	42.000	111.000	
LCS	2,4-Dinitrotoluene	121-14-2	2874.3	86.200	% Recov	02/15/05	59.000	106.000	
LCS	2-Fluorophenol	367-12-4	2896.2	86.900	% Recov	02/15/05	50.000	110.000	
LCS	Acenaphthene	83-32-9	2979.5	89.400	% Recov	02/15/05	61.000	116.000	
LCS	4-Chloro-3-methylphenol	59-50-7	4618.6	92.400	% Recov	02/15/05	61.000	106.000	
LCS	2-Chlorophenol	95-57-8	4380.0	87.600	% Recov	02/15/05	66.000	106.000	
LCS	N-Nitrosodi-n-dipropylamine	621-64-7	3082.8	92.500	% Recov	02/15/05	71.000	114.000	
LCS	2-Fluorobiphenyl	321-60-8	2994.8	89.800	% Recov	02/15/05	58.000	109.000	
LCS	Phenol	108-95-2	4733.9	94.700	% Recov	02/15/05	67.000	105.000	
LCS	Nitrobenzene-d5	4165-60-0	3177.9	95.300	% Recov	02/15/05	60.000	118.000	
LCS	4-Nitrophenol	100-02-7	4166.8	83.300	% Recov	02/15/05	32.000	118.000	
LCS	Pentachlorophenol	87-86-5	4198.5	84.000	% Recov	02/15/05	62.000	114.000	
LCS	Phenol-d5	4165-62-2	3070.7	92.100	% Recov	02/15/05	59.000	116.000	
LCS	Pyrene	129-00-0	2687.3	80.600	% Recov	02/15/05	66.000	118.000	
LCS	2,4,6-Tribromophenol	118-79-6	3023.3	90.700	% Recov	02/15/05	60.000	120.000	
LCS	Terphenyl-d14 (7Cl)	98904-43-9	2801.8	84.100	% Recov	02/15/05	60.000	120.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: WTPH-D TPH Diesel Range (Wa)

SAF Number: F04-015
Sample Date: 02/02/05
Receive Date:02/02/05

QC Type	Analyte		CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W050000288										
BATCH QC ASSOCIATED WITH SAMPLE										
MS	Kerosene		TPHKEROSENE	263360	106.000	% Recov	02/08/05	70.000	130.000	
MS	ortho-Terphenyl	Surr	84-15-1	27882	112.000	% Recov	02/08/05	70.000	130.000	
MSD	Kerosene		TPHKEROSENE	126680	102.000	% Recov	02/08/05	70.000	130.000	
MSD	ortho-Terphenyl	Surr	84-15-1	24542	98.400	% Recov	02/08/05	70.000	130.000	
SPK-RPD	ortho-Terphenyl	Surr	84-15-1	98.400	12.928	RPD	02/08/05	0.000	20.000	
Lab ID: W050000296										
BATCH QC ASSOCIATED WITH SAMPLE										
SURR	ortho-Terphenyl	Surr	84-15-1	26810	103.000	% Recov	02/08/05	70.000	130.000	
Lab ID: W050000297										
BATCH QC ASSOCIATED WITH SAMPLE										
SURR	ortho-Terphenyl	Surr	84-15-1	26808	103.000	% Recov	02/08/05	70.000	130.000	
Lab ID: W050000298										
BATCH QC ASSOCIATED WITH SAMPLE										
SURR	ortho-Terphenyl	Surr	84-15-1	26698	101.000	% Recov	02/08/05	70.000	130.000	
Lab ID: W050000299										
BATCH QC ASSOCIATED WITH SAMPLE										
SURR	ortho-Terphenyl	Surr	84-15-1	25845	98.000	% Recov	02/08/05	70.000	130.000	
Lab ID: W050000300										
BATCH QC ASSOCIATED WITH SAMPLE										
SURR	ortho-Terphenyl	Surr	84-15-1	25106	95.200	% Recov	02/08/05	70.000	130.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: WTPH-D TPH Diesel Range (Wa)

SAF Number: F04-015
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BATCH QC									
BLANK	Kerosene	TPHKEROSENE	< 3800	n/a	ug/Kg	02/08/05			U
BLANK	ortho-Terphenyl Surr	84-15-1	24379	97.500	% Recov	02/08/05	70.000	130.000	
BLANK	Total Pet. Hydrocarbons Diesel	TPHDIESEL	< 3800	n/a	ug/Kg	02/08/05			U
LCS	ortho-Terphenyl Surr	84-15-1	24143	96.600	% Recov	02/08/05	70.000	130.000	
LCS	Total Pet. Hydrocarbons Diesel	TPHDIESEL	114020	91.200	% Recov	02/08/05	60.000	120.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: NWTPH-GX TPH Gasoline Range

SAF Number: F04-015
Sample Date: 02/02/05
Receive Date:02/02/05

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W050000288									
BATCH QC ASSOCIATED WITH SAMPLE									
DUP	Total Pet. Hydrocarbons Gas	TPHGASOLINE	<250	n/a	RPD	02/16/05	0.000	20.000	U
MS	Total Pet. Hydrocarbons Gas	TPHGASOLINE	1500	111.111	% Recov	02/16/05	50.000	150.000	
MSD	Total Pet. Hydrocarbons Gas	TPHGASOLINE	1560	115.556	% Recov	02/16/05	50.000	150.000	
SPK-RPD	Total Pet. Hydrocarbons Gas	TPHGASOLINE	115.556	3.922	RPD	02/16/05	0.000	20.000	
BATCH QC									
BLANK	Total Pet. Hydrocarbons Gas	TPHGASOLINE	<250	n/a	mg/L	02/16/05	0.000	300.000	U
LCS	Total Pet. Hydrocarbons Gas	TPHGASOLINE	1110	86.991	% Recov	02/16/05	85.000	115.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: VOA Ground Water Protection

SAF Number: F04-015
Sample Date: 02/03/05
Receive Date:02/03/05

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W050000296									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	4-Bromofluorobenzene	460-00-4	53.650	107.000	% Recov	02/15/05	71.000	125.000	
SURR	1,2-Dichloroethane-d4	17060-07-0	55.340	111.000	% Recov	02/15/05	80.000	134.000	
SURR	Toluene-d8	2037-26-5	51.440	103.000	% Recov	02/15/05	80.000	126.000	
Lab ID: W050000297									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	4-Bromofluorobenzene	460-00-4	55.450	111.000	% Recov	02/15/05	71.000	125.000	
SURR	1,2-Dichloroethane-d4	17060-07-0	55.600	111.000	% Recov	02/15/05	80.000	134.000	
SURR	Toluene-d8	2037-26-5	52.630	105.000	% Recov	02/15/05	80.000	126.000	
Lab ID: W050000298									
BATCH QC ASSOCIATED WITH SAMPLE									
MS	1,1-Dichloroethene	75-35-4	23.520	94.100	% Recov	02/15/05	63.000	117.000	
MS	Benzene	71-43-2	27.020	108.000	% Recov	02/15/05	75.000	129.000	
MS	4-Bromofluorobenzene	460-00-4	58.110	112.000	% Recov	02/15/05	84.000	116.000	
MS	Chlorobenzene	108-90-7	27.470	110.000	% Recov	02/15/05	79.000	119.000	
MS	1,2-Dichloroethane-d4	17060-07-0	57.110	114.000	% Recov	02/15/05	82.000	136.000	
MS	Toluene-d8	2037-26-5	53.530	107.000	% Recov	02/15/05	89.000	119.000	
MS	Toluene	108-88-3	26.890	108.000	% Recov	02/15/05	76.000	120.000	
MS	Trichloroethene	79-01-6	26.160	105.000	% Recov	02/15/05	73.000	123.000	
MSD	1,1-Dichloroethene	75-35-4	24.770	99.100	% Recov	02/15/05	63.000	117.000	
MSD	Benzene	71-43-2	27.710	111.000	% Recov	02/15/05	75.000	129.000	
MSD	4-Bromofluorobenzene	460-00-4	53.720	107.000	% Recov	02/15/05	84.000	116.000	
MSD	Chlorobenzene	108-90-7	27.450	110.000	% Recov	02/15/05	79.000	119.000	
MSD	1,2-Dichloroethane-d4	17060-07-0	55.610	111.000	% Recov	02/15/05	82.000	136.000	
MSD	Toluene-d8	2037-26-5	51.590	103.000	% Recov	02/15/05	89.000	119.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: VOA Ground Water Protection

SAF Number: F04-015
Sample Date: 02/03/05
Receive Date:02/03/05

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
MSD	Toluene	108-88-3	25.640	103.000	% Recov	02/15/05	76.000	120.000	
MSD	Trichloroethene	79-01-6	26.530	106.000	% Recov	02/15/05	73.000	123.000	
SPK-RPD	1,1-Dichloroethene	75-35-4	99.100	5.176	RPD	02/15/05	0.000	25.000	
SPK-RPD	Benzene	71-43-2	111.000	2.740	RPD	02/15/05	0.000	25.000	
SPK-RPD	4-Bromofluorobenzene	460-00-4	107.000	4.566	RPD	02/15/05	0.000	25.000	
SPK-RPD	Chlorobenzene	108-90-7	110.000	0.000	RPD	02/15/05	0.000	25.000	
SPK-RPD	1,2-Dichloroethane-d4	17060-07-0	111.000	2.667	RPD	02/15/05	0.000	25.000	
SPK-RPD	Toluene-d8	2037-26-5	103.000	3.810	RPD	02/15/05	0.000	25.000	
SPK-RPD	Toluene	108-88-3	103.000	4.739	RPD	02/15/05	0.000	25.000	
SPK-RPD	Trichloroethene	79-01-6	106.000	0.948	RPD	02/15/05	0.000	25.000	
SURR	4-Bromofluorobenzene	460-00-4	55.150	110.000	% Recov	02/15/05	71.000	125.000	
SURR	1,2-Dichloroethane-d4	17060-07-0	57.180	114.000	% Recov	02/15/05	80.000	134.000	
SURR	Toluene-d8	2037-26-5	51.680	103.000	% Recov	02/15/05	80.000	126.000	

Lab ID: W050000299
BATCH QC ASSOCIATED WITH SAMPLE

SURR	4-Bromofluorobenzene	460-00-4	55.030	110.000	% Recov	02/15/05	71.000	125.000	
SURR	1,2-Dichloroethane-d4	17060-07-0	56.300	113.000	% Recov	02/15/05	80.000	134.000	
SURR	Toluene-d8	2037-26-5	52.750	106.000	% Recov	02/15/05	80.000	126.000	

Lab ID: W050000300
BATCH QC ASSOCIATED WITH SAMPLE

SURR	4-Bromofluorobenzene	460-00-4	55.060	110.000	% Recov	02/15/05	71.000	125.000	
SURR	1,2-Dichloroethane-d4	17060-07-0	56.810	114.000	% Recov	02/15/05	80.000	134.000	
SURR	Toluene-d8	2037-26-5	52.670	105.000	% Recov	02/15/05	80.000	126.000	

BATCH QC

BLANK	1,1-Dichloroethane	75-34-3	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	1,1,1-Trichloroethane	71-55-6	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	1,1,2-Trichloroethane	79-00-5	< 2.0	n/a	ug/Kg	02/15/05			U

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: VOA Ground Water Protection

SAF Number: F04-015
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BLANK	1,1,2,2-Tetrachloroethane	79-34-5	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	1,1-Dichloroethene	75-35-4	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	1,2-Dichloroethane	107-06-2	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	1,2-Dichloroethene(Total)	540-59-0	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	1-Butanol	71-36-3	< 40	n/a	ug/Kg	02/15/05			U
BLANK	2-Hexanone	591-78-6	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	4-Methyl-2-Pentanone	108-10-1	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	Acetone	67-64-1	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	Bromodichloromethane	75-27-4	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	Benzene	71-43-2	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	4-Bromofluorobenzene	460-00-4	55.000	110.000	% Recov	02/15/05	71.000	125.000	
BLANK	Bromoform	75-25-2	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	n-Butylbenzene	104-51-8	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	Carbon disulfide	75-15-0	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	Carbon tetrachloride	56-23-5	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	Dibromochloromethane	124-48-1	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	Chloroform	67-66-3	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	Chlorobenzene	108-90-7	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	cis-1,2-Dichloroethylene	156-59-2	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	cis-1,3-Dichloropropene	10061-01-5	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	Chloroethane	75-00-3	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	1,2-Dichloroethane-d4	17060-07-0	52.140	104.000	% Recov	02/15/05	80.000	134.000	
BLANK	trans-1,2-Dichloroethylene	156-60-5	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	1,2-Dichloropropane	78-87-5	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	Ethylbenzene	100-41-4	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	Bromomethane	74-83-9	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	Chloromethane	74-87-3	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	2-Butanone	78-93-3	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	Methylenechloride	75-09-2	< 2.0	n/a	ug/Kg	02/15/05			U
BLANK	Tetrachloroethene	127-18-4	< 2.0	n/a	ug/Kg	02/15/05			U

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F04-015: F04-015

Group #: WSCF20050265

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ		Result	Unit	DF	MDL	Analyze	Sample	Receive
Radiochemistry																
W050000296	B19PM5	GRP	TRENT	14596-10-2	Americium-241	SOIL	LA-508-471			0.620	pCi/g	1.00	0.045	02/28/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	E,T,C	Am-241 by AEA Total Cntg Error	SOIL	LA-508-471		+-	0.17	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	10198-40-0	Cobalt-60	SOIL	LA-508-481			0.0783	pCi/g	1.00	0.013	02/03/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	E,T,C	Co-60 Rel. Count Error (GEA)	SOIL	LA-508-481		+-	0.020	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	10045-97-3	Cesium-137	SOIL	LA-508-481			6.77	pCi/g	1.00	0.022	02/03/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	E,T,C	Cs-137 Rel. Count Error (GEA)	SOIL	LA-508-481		+-	0.87	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	14683-23-9	Europium-152	SOIL	LA-508-481			4.73	pCi/g	1.00	0.067	02/03/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	E,T,C	Eu-152 Rel. Count Error (GEA)	SOIL	LA-508-481		+-	0.41	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	15585-10-1	Europium-154	SOIL	LA-508-481			0.469	pCi/g	1.00	0.049	02/03/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	E,T,C	Eu-154 Rel. Count Error (GEA)	SOIL	LA-508-481		+-	0.064	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	14391-16-3	Europium-155	SOIL	LA-508-481	U		0.0175	pCi/g	1.00	0.10	02/03/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	E,T,C	Eu-155 Rel. Count Error (GEA)	SOIL	LA-508-481		+-	0.062	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	13981-16-3	Plutonium-238	SOIL	LA-508-471			0.0800	pCi/g	1.00	0.070	02/28/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	E,T,C	Pu-238 by AEA Total Cntg Error	SOIL	LA-508-471		+-	0.051	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	PU-239/240	Pu-239/240 by AEA	SOIL	LA-508-471			9.60	pCi/g	1.00	0.025	02/28/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	E,T,C	Pu-239/240 AEA Total Cntg Err	SOIL	LA-508-471		+-	2.5	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	SR-RAD	Strontium-89/90	SOIL	LA-508-415			18.0	pCi/g	1.00	0.30	02/23/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	E,T,C	Sr-89/90 Rel. Count Error	SOIL	LA-508-415		+-	2.7	pCi/g	1.00	0.0	02/23/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	U-233/234	Uranium-233/234	SOIL	LA-508-471			0.780	pCi/g	1.00	0.019	02/28/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	E,T,C	U-233/234 AEA Total Cntg Error	SOIL	LA-508-471		+-	0.22	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	15117-96-1	Uranium-235	SOIL	LA-508-471			0.0510	pCi/g	1.00	0.021	02/28/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	E,T,C	U-235 by AEA Total Cntg Error	SOIL	LA-508-471		+-	0.029	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	U-238	Uranium-238	SOIL	LA-508-471			0.790	pCi/g	1.00	7.1e-03	02/28/05	02/03/05	02/03/05
W050000296	B19PM5	GRP	TRENT	E,T,C	U-238 by AEA Total Cntg Error	SOIL	LA-508-471		+-	0.22	pCi/g	1.00	0.10	02/28/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	14596-10-2	Americium-241	SOIL	LA-508-471			0.580	pCi/g	1.00	0.050	02/28/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	E,T,C	Am-241 by AEA Total Cntg Error	SOIL	LA-508-471		+-	0.16	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05

MDL = Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) U - Analyzed for but not detected above limiting criteria.
RQ = Result Qualifier

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F04-015: F04-015

Group #: WSCF20050265

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ		Result	Unit	DF	MDL	Analyze	Sample	Receive
W050000297	B19PM6	GRP	TRENT	10198-40-0	Cobalt-60	SOIL	LA-508-481			0.0755	pCi/g	1.00	0.014	02/03/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	E,T,C	Co-60 Rel. Count Error (GEA)	SOIL	LA-508-481		+-	0.020	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	10045-97-3	Cesium-137	SOIL	LA-508-481			4.85	pCi/g	1.00	0.022	02/03/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	E,T,C	Cs-137 Rel. Count Error (GEA)	SOIL	LA-508-481		+-	0.62	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	14683-23-9	Europium-152	SOIL	LA-508-481			4.09	pCi/g	1.00	0.063	02/03/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	E,T,C	Eu-152 Rel. Count Error (GEA)	SOIL	LA-508-481		+-	0.35	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	15585-10-1	Europium-154	SOIL	LA-508-481			0.375	pCi/g	1.00	0.051	02/03/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	E,T,C	Eu-154 Rel. Count Error (GEA)	SOIL	LA-508-481		+-	0.068	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	14391-16-3	Europium-155	SOIL	LA-508-481	U		0.0404	pCi/g	1.00	0.090	02/03/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	E,T,C	Eu-155 Rel. Count Error (GEA)	SOIL	LA-508-481		+-	0.053	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	13981-16-3	Plutonium-238	SOIL	LA-508-471			0.0900	pCi/g	1.00	0.049	02/28/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	E,T,C	Pu-238 by AEA Total Cntg Error	SOIL	LA-508-471		+-	0.043	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	PU-239/240	Pu-239/240 by AEA	SOIL	LA-508-471			8.00	pCi/g	1.00	0.013	02/28/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	E,T,C	Pu-239/240 AEA Total Cntg Err	SOIL	LA-508-471		+-	2.1	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	SR-RAD	Strontium-89/90	SOIL	LA-508-415			17.0	pCi/g	1.00	0.30	02/23/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	E,T,C	Sr-89/90 Rel. Count Error	SOIL	LA-508-415		+-	2.6	pCi/g	1.00	0.0	02/23/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	U-233/234	Uranium-233/234	SOIL	LA-508-471			0.400	pCi/g	1.00	4.4e-03	02/28/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	E,T,C	U-233/234 AEA Total Cntg Error	SOIL	LA-508-471		+-	0.10	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	15117-96-1	Uranium-235	SOIL	LA-508-471			0.0240	pCi/g	1.00	5.4e-03	02/28/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	E,T,C	U-235 by AEA Total Cntg Error	SOIL	LA-508-471		+-	0.015	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	U-238	Uranium-238	SOIL	LA-508-471			0.460	pCi/g	1.00	4.3e-03	02/28/05	02/03/05	02/03/05
W050000297	B19PM6	GRP	TRENT	E,T,C	U-238 by AEA Total Cntg Error	SOIL	LA-508-471		+-	0.11	pCi/g	1.00	0.10	02/28/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	14596-10-2	Americium-241	SOIL	LA-508-471			0.390	pCi/g	1.00	0.051	02/28/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	E,T,C	Am-241 by AEA Total Cntg Error	SOIL	LA-508-471		+-	0.12	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	10198-40-0	Cobalt-60	SOIL	LA-508-481			0.0309	pCi/g	1.00	0.012	02/03/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	E,T,C	Co-60 Rel. Count Error (GEA)	SOIL	LA-508-481		+-	0.016	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	10045-97-3	Cesium-137	SOIL	LA-508-481			3.31	pCi/g	1.00	0.018	02/03/05	02/03/05	02/03/05

MDL = Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) U - Analyzed for but not detected above limiting criteria.
RQ = Result Qualifier

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F04-015: F04-015

Group #: WSCF20050265

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050000298	B19PM7	GRP	TRENT	E,T,C	Cs-137 Rel. Count Error (GEA)	SOIL	LA-508-481		+- 0.56	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	14683-23-9	Europium-152	SOIL	LA-508-481		3.26	pCi/g	1.00	0.065	02/03/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	E,T,C	Eu-152 Rel. Count Error (GEA)	SOIL	LA-508-481		+- 0.43	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	15585-10-1	Europium-154	SOIL	LA-508-481		0.335	pCi/g	1.00	0.036	02/03/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	E,T,C	Eu-154 Rel. Count Error (GEA)	SOIL	LA-508-481		+- 0.066	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	14391-16-3	Europium-155	SOIL	LA-508-481	U	0.0698	pCi/g	1.00	0.11	02/03/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	E,T,C	Eu-155 Rel. Count Error (GEA)	SOIL	LA-508-481		+- 0.067	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	13981-16-3	Plutonium-238	SOIL	LA-508-471	U	0.0430	pCi/g	1.00	0.063	02/28/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	E,T,C	Pu-238 by AEA Total Cntg Error	SOIL	LA-508-471		+- 0.041	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	PU-239/240	Pu-239/240 by AEA	SOIL	LA-508-471		5.40	pCi/g	1.00	6.4e-03	02/28/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	E,T,C	Pu-239/240 AEA Total Cntg Err	SOIL	LA-508-471		+- 1.4	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	SR-RAD	Strontium-89/90	SOIL	LA-508-415		9.70	pCi/g	1.00	0.30	02/23/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	E,T,C	Sr-89/90 Rel. Count Error	SOIL	LA-508-415		+- 1.5	pCi/g	1.00	0.0	02/23/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	U-233/234	Uranium-233/234	SOIL	LA-508-471		0.390	pCi/g	1.00	0.014	02/28/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	E,T,C	U-233/234 AEA Total Cntg Error	SOIL	LA-508-471		+- 0.10	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	15117-96-1	Uranium-235	SOIL	LA-508-471		0.0410	pCi/g	1.00	6.2e-03	02/28/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	E,T,C	U-235 by AEA Total Cntg Error	SOIL	LA-508-471		+- 0.021	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	U-238	Uranium-238	SOIL	LA-508-471		0.390	pCi/g	1.00	5.0e-03	02/28/05	02/03/05	02/03/05
W050000298	B19PM7	GRP	TRENT	E,T,C	U-238 by AEA Total Cntg Error	SOIL	LA-508-471		+- 0.10	pCi/g	1.00	0.10	02/28/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	14596-10-2	Americium-241	SOIL	LA-508-471	U	3.50e-03	pCi/g	1.00	0.056	02/28/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	E,T,C	Am-241 by AEA Total Cntg Error	SOIL	LA-508-471		+- 0.032	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	10198-40-0	Cobalt-60	SOIL	LA-508-481		0.0814	pCi/g	1.00	9.9e-03	02/03/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	E,T,C	Co-60 Rel. Count Error (GEA)	SOIL	LA-508-481		+- 0.016	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	10045-97-3	Cesium-137	SOIL	LA-508-481	U	3.89e-03	pCi/g	1.00	9.4e-03	02/03/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	E,T,C	Cs-137 Rel. Count Error (GEA)	SOIL	LA-508-481		+- 6.1e-03	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	14683-23-9	Europium-152	SOIL	LA-508-481	U	0.0213	pCi/g	1.00	0.030	02/03/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	E,T,C	Eu-152 Rel. Count Error (GEA)	SOIL	LA-508-481		+- 0.020	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05

MDL=Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) U - Analyzed for but not detected above limiting criteria.
RQ=Result Qualifier

DF=Dilution Factor

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F04-015: F04-015

Group #: WSCF20050265

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050000299	B19PM8	GRP	TRENT	15585-10-1	Europium-154	SOIL	LA-508-481	U	3.66e-03	pCi/g	1.00	0.029	02/03/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	E,T,C	Eu-154 Rel. Count Error (GEA)	SOIL	LA-508-481		+- 0.019	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	14391-16-3	Europium-155	SOIL	LA-508-481	U	2.19e-03	pCi/g	1.00	0.041	02/03/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	E,T,C	Eu-155 Rel. Count Error (GEA)	SOIL	LA-508-481		+- 0.022	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	13981-16-3	Plutonium-238	SOIL	LA-508-471	U	1.90e-03	pCi/g	1.00	0.045	02/28/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	E,T,C	Pu-238 by AEA Total Cntg Error	SOIL	LA-508-471		+- 0.019	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	PU-239/240	Pu-239/240 by AEA	SOIL	LA-508-471		0.0320	pCi/g	1.00	0.017	02/28/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	E,T,C	Pu-239/240 AEA Total Cntg Err	SOIL	LA-508-471		+- 0.019	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	SR-RAD	Strontium-89/90	SOIL	LA-508-415		1.60	pCi/g	1.00	0.40	02/23/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	E,T,C	Sr-89/90 Rel. Count Error	SOIL	LA-508-415		+- 0.56	pCi/g	1.00	0.0	02/23/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	U-233/234	Uranium-233/234	SOIL	LA-508-471		0.230	pCi/g	1.00	0.013	02/28/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	E,T,C	U-233/234 AEA Total Cntg Error	SOIL	LA-508-471		+- 0.064	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	15117-96-1	Uranium-235	SOIL	LA-508-471		0.0160	pCi/g	1.00	6.0e-03	02/28/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	E,T,C	U-235 by AEA Total Cntg Error	SOIL	LA-508-471		+- 0.013	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	U-238	Uranium-238	SOIL	LA-508-471		0.210	pCi/g	1.00	4.8e-03	02/28/05	02/03/05	02/03/05
W050000299	B19PM8	GRP	TRENT	E,T,C	U-238 by AEA Total Cntg Error	SOIL	LA-508-471		+- 0.059	pCi/g	1.00	0.10	02/28/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	14596-10-2	Americium-241	SOIL	LA-508-471	U	8.80e-03	pCi/g	1.00	0.035	02/28/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	E,T,C	Am-241 by AEA Total Cntg Error	SOIL	LA-508-471		+- 0.020	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	10198-40-0	Cobalt-60	SOIL	LA-508-481	U	-4.89e-03	pCi/g	1.00	0.012	02/03/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	E,T,C	Co-60 Rel. Count Error (GEA)	SOIL	LA-508-481		+- 7.2e-03	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	10045-97-3	Cesium-137	SOIL	LA-508-481	U	-5.92e-04	pCi/g	1.00	0.012	02/03/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	E,T,C	Cs-137 Rel. Count Error (GEA)	SOIL	LA-508-481		+- 5.9e-03	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	14683-23-9	Europium-152	SOIL	LA-508-481	U	-0.0228	pCi/g	1.00	0.034	02/03/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	E,T,C	Eu-152 Rel. Count Error (GEA)	SOIL	LA-508-481		+- 0.031	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	15585-10-1	Europium-154	SOIL	LA-508-481	U	0.0210	pCi/g	1.00	0.040	02/03/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	E,T,C	Eu-154 Rel. Count Error (GEA)	SOIL	LA-508-481		+- 0.027	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	14391-16-3	Europium-155	SOIL	LA-508-481		0.0512	pCi/g	1.00	0.052	02/03/05	02/03/05	02/03/05

MDL=Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) U - Analyzed for but not detected above limiting criteria.
RQ=Result Qualifier

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F04-015: F04-015

Group #: WSCF20050265

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050000300	B19PM9	GRP	TRENT	E,T,C	Eu-155 Rel. Count Error (GEA)	SOIL	LA-508-481		+- 0.041	pCi/g	1.00	0.0	02/03/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	13981-16-3	Plutonium-238	SOIL	LA-508-471	U	0.0240	pCi/g	1.00	0.043	02/28/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	E,T,C	Pu-238 by AEA Total Cntg Error	SOIL	LA-508-471		+- 0.026	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	PU-239/240	Pu-239/240 by AEA	SOIL	LA-508-471	U	4.80e-03	pCi/g	1.00	0.017	02/28/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	E,T,C	Pu-239/240 AEA Total Cntg Err	SOIL	LA-508-471		+- 9.6e-03	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	SR-RAD	Strontium-89/90	SOIL	LA-508-415	U	-0.0500	pCi/g	1.00	0.20	02/23/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	E,T,C	Sr-89/90 Rel. Count Error	SOIL	LA-508-415		+- 0.26	pCi/g	1.00	0.0	02/23/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	U-233/234	Uranium-233/234	SOIL	LA-508-471		0.140	pCi/g	1.00	0.011	02/28/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	E,T,C	U-233/234 AEA Total Cntg Error	SOIL	LA-508-471		+- 0.042	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	15117-96-1	Uranium-235	SOIL	LA-508-471		0.0130	pCi/g	1.00	5.0e-03	02/28/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	E,T,C	U-235 by AEA Total Cntg Error	SOIL	LA-508-471		+- 0.010	pCi/g	1.00	0.0	02/28/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	U-238	Uranium-238	SOIL	LA-508-471		0.200	pCi/g	1.00	4.0e-03	02/28/05	02/03/05	02/03/05
W050000300	B19PM9	GRP	TRENT	E,T,C	U-238 by AEA Total Cntg Error	SOIL	LA-508-471		+- 0.056	pCi/g	1.00	0.10	02/28/05	02/03/05	02/03/05

MDL=Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) U - Analyzed for but not detected above limiting criteria.
RQ=Result Qualifier

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

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: Americium by AEA

SAF Number: F04-015
Sample Date: 02/02/05
Receive Date:02/02/05

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W050000288									
BATCH QC ASSOCIATED WITH SAMPLE									
DUP	Americium-241	14596-10-2	2.4e+00	4.255	RPD	02/28/05	0.000	20.000	
BATCH QC									
BLANK	Americium-241	14596-10-2	1.8e-02	0.018	pCi/g	02/28/05	-10.000	1000.000	
LCS	Americium-241	14596-10-2	4.2e+01	87.318	% Recov	02/28/05	75.000	125.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: Plutonium Isotopics by AEA

SAF Number: F04-015
Sample Date: 02/02/05
Receive Date:02/02/05

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W050000288									
BATCH QC ASSOCIATED WITH SAMPLE									
DUP	Pu-239/240 by AEA	PU-239/240	6.0e+01	4.878	RPD	02/28/05	0.000	20.000	
BATCH QC									
BLANK	Pu-239/240 by AEA	PU-239/240	1.4e-02	0.014	pCi/g	02/28/05	-10.000	1000.000	
LCS	Pu-239/240 by AEA	PU-239/240	4.7e+01	95.528	% Recov	02/28/05	75.000	125.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: Strontium 89/90

SAF Number: F04-015
Sample Date: 02/02/05
Receive Date:02/02/05

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W050000288									
BATCH QC ASSOCIATED WITH SAMPLE									
DUP	Strontium-89/90	SR-RAD	5.2e+01	5.941	RPD	02/23/05	0.000	20.000	
BATCH QC									
BLANK	Strontium-89/90	10098-97-2	1.3e-01	0.130	pCi/g	02/23/05	-10.000	300.000	
LCS	Strontium-89/90	10098-97-2	71.5	100.563	% Recov	02/23/05	80.000	120.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050265
Matrix: SOLID
Test: Uranium Isotopics by AEA

SAF Number: F04-015
Sample Date: 02/02/05
Receive Date:02/02/05

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W050000288									
BATCH QC ASSOCIATED WITH SAMPLE									
DUP	Uranium-238	U-238	8.1e-01	1.242	RPD	02/28/05	0.000	20.000	
BATCH QC									
BLANK	Uranium-238	24678-82-8	2.6e-02	0.026	pCi/g	02/28/05	-10.000	1000.000	
LCS	Uranium-238	24678-82-8	9.3e+01	122.659	% Recov	02/28/05	75.000	125.000	

WSCF
ANALYTICAL COMMENT REPORT

Attention: Steve Trent
Project Number F04-015

Group #: WSCF20050265

Sample #	Client ID	Lab Area	Test	Comment
		VALGROUP		ICP-MS: Preparation blank values have no effect on sample results -wb ORGANICS: Sample concentrations have been correctected for moisture and reported on a dry weight basis. gar SVOA: Samples W050000296, W050000297, and W050000298 all have a chromatographic lump of unknown organic material which elutes from about 11 min. until about 29 min. in the chromatograms. den Samples B1B3R1, B19PM5, B19PM6, and P19PM7 all contained extended motor oil. Motor oil is added to the analyte list and the extended oil results reported for these samples.cgc Cyanide: Matrix spikes low and do not meet established laboratory acceptance criteria; however, sample <MDL and other QC acceptable; U-flag

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

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

WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F04-015 :F04-015

Group #: WSCF20050265

Sample #	Client ID			Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				11	%
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	ZN-65 Count Error				13	%
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				13	%
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				16	%
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				16	%
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				18	%
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				19	%
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				19	%
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	U-235 Count Error				36	%
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	AM-241 Count Error				38	%
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				39	%
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	TH-234 Count Error				41	%
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				8.4	%
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	U-235				0.097	pCi/g
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.21	pCi/g
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.28	pCi/g
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.44	pCi/g
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.44	pCi/g
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.46	pCi/g
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.50	pCi/g
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.50	pCi/g
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.59	pCi/g
W050000296	B19PM5	GRP	TRENT	Gamma Energy Analysis-grd H2O	K-40				15	pCi/g
W050000296	B19PM5	GRP	TRENT	SW-846 8270B Semi-Vols	SMP 11.044 Diethylphthalate	84-66-2	11.04431		2.0e+02	ug/kg
W050000296	B19PM5	GRP	TRENT	SW-846 8270B Semi-Vols	SMP 14.855 Di-n-butylphthalate	84-74-2	14.8559		2.8e+02	ug/kg

RQ=Result Qualifier J - Analyte is an estimate, has potentially larger errors

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

WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F04-015 :F04-015

Group #: WSCF20050265

Sample #	Client ID			Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W050000296	B19PM5	GRP	TRENT	SW-846 8270B Semi-Vols	SMP 14.947 Unknown	Unknown	14.94786	J	1.2e+03	ug/kg
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	ZN-65 Count Error				11	%
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				12	%
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				15	%
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				15	%
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				15	%
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				15	%
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				17	%
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	U-235 Count Error				33	%
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				34	%
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	AM-241 Count Error				36	%
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	TH-234 Count Error				42	%
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				50	%
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				8.3	%
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				9.9	%
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	U-235				0.085	pCi/g
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.18	pCi/g
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.33	pCi/g
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.43	pCi/g
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.43	pCi/g
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.48	pCi/g
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.58	pCi/g
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.58	pCi/g
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.58	pCi/g
W050000297	B19PM6	GRP	TRENT	Gamma Energy Analysis-grd H2O	K-40				15	pCi/g

RQ=Result Qualifier J - Analyte is an estimate, has potentially larger errors

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

WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F04-015 :F04-015

Group #: WSCF20050265

Sample #	Client ID			Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W050000297	B19PM6	GRP	TRENT	SW-846 8270B Semi-Vols	SMP 11.043 Diethylphthalate	84-66-2	11.04381		3.2e+02	ug/kg
W050000297	B19PM6	GRP	TRENT	SW-846 8270B Semi-Vols	SMP 14.855 Di-n-butylphthalate	84-74-2	14.8554		3.4e+02	ug/kg
W050000297	B19PM6	GRP	TRENT	SW-846 8270B Semi-Vols	SMP 14.957 Unknown	Unknown	14.9576	J	1.2e+03	ug/kg
W050000297	B19PM6	GRP	TRENT	SW-846 8270B Semi-Vols	SMP 16.183 Cyclic octaatomic sulf	10544-50-0	16.18385	J	9.5e+02	ug/kg
W050000297	B19PM6	GRP	TRENT	SW-846 8270B Semi-Vols	SMP 24.501 Unknown	Unknown	24.50188	J	1.1e+03	ug/kg
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				14	%
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				16	%
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	ZN-65 Count Error				16	%
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				17	%
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				20	%
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				20	%
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				20	%
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				21	%
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				21	%
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	BA-133 Count Error				38	%
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				44	%
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	U-235 Count Error				48	%
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	BA-133				0.053	pCi/g
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	U-235				0.066	pCi/g
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.21	pCi/g
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.34	pCi/g
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.40	pCi/g
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.40	pCi/g
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.44	pCi/g
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.50	pCi/g

RQ=Result Qualifier J - Analyte is an estimate, has potentially larger errors

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

WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F04-015 :F04-015

Group #: WSCF20050265

Sample #	Client ID			Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.57	pCi/g
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.57	pCi/g
W050000298	B19PM7	GRP	TRENT	Gamma Energy Analysis-grd H2O	K-40				13	pCi/g
W050000298	B19PM7	GRP	TRENT	SW-846 8270B Semi-Vols	SMP 11.049 Diethylphthalate	84-66-2	11.04961		3.7e+02	ug/kg
W050000298	B19PM7	GRP	TRENT	SW-846 8270B Semi-Vols	SMP 14.861 Di-n-butylphthalate	84-74-2	14.8612		1.8e+02	ug/kg
W050000298	B19PM7	GRP	TRENT	SW-846 8270B Semi-Vols	SMP 14.953 Unknown	Unknown	14.95316	J	1.4e+03	ug/kg
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				14	%
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				14	%
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				14	%
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				16	%
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				16	%
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				16	%
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				18	%
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				18	%
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				26	%
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				28	%
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	U-235 Count Error				33	%
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				42	%
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	U-235				0.052	pCi/g
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.17	pCi/g
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.36	pCi/g
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.49	pCi/g
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.49	pCi/g
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.49	pCi/g
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.51	pCi/g

RQ=Result Qualifier J - Analyte is an estimate, has potentially larger errors

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

WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F04-015 :F04-015

Group #: WSCF20050265

Sample #	Client ID			Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.51	pCi/g
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.55	pCi/g
W050000299	B19PM8	GRP	TRENT	Gamma Energy Analysis-grd H2O	K-40				13	pCi/g
W050000299	B19PM8	GRP	TRENT	SW-846 8270B Semi-Vols	SMP 11.049 Diethylphthalate	84-66-2	11.0493		3.1e+02	ug/kg
W050000299	B19PM8	GRP	TRENT	SW-846 8270B Semi-Vols	SMP 14.850 Di-n-butylphthalate	84-74-2	14.85066		1.6e+02	ug/kg
W050000299	B19PM8	GRP	TRENT	SW-846 8270B Semi-Vols	SMP 24.599 Unknown	Unknown	24.59933	J	1.6e+03	ug/kg
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error				13	%
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	PB-212 Count Error				14	%
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	PB-214 Count Error				15	%
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	BI-214 Count Error				18	%
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	RA-226 Count Error				18	%
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	TL-208 Count Error				18	%
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	AC-228 Count Error				18	%
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	RA-228 Count Error				18	%
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	TH-234 Count Error				29	%
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	SN-126 Count Error				29	%
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	U-235 Count Error				32	%
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	BI-212 Count Error				33	%
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	CS-134 Count Error				38	%
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	U-235				0.086	pCi/g
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	TL-208				0.18	pCi/g
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	BI-212				0.36	pCi/g
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	BI-214				0.47	pCi/g
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	RA-226				0.47	pCi/g
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	PB-214				0.56	pCi/g

RQ=Result Qualifier J - Analyte is an estimate, has potentially larger errors

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

WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F04-015 :F04-015

Group #: WSCF20050265

Sample #	Client ID			Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	AC-228				0.58	pCi/g
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	RA-228				0.58	pCi/g
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	PB-212				0.61	pCi/g
W050000300	B19PM9	GRP	TRENT	Gamma Energy Analysis-grd H2O	K-40				17	pCi/g
W050000300	B19PM9	GRP	TRENT	SW-846 8270B Semi-Vols	SMP 11.045 Diethylphthalate	84-66-2	11.04555		2.0e+02	ug/kg
W050000300	B19PM9	GRP	TRENT	SW-846 8270B Semi-Vols	SMP 14.846 Di-n-butylphthalate	84-74-2	14.84691		2.1e+02	ug/kg
W050000300	B19PM9	GRP	TRENT	SW-846 8270B Semi-Vols	SMP 25.341 Unknown Hydrocarbon	Unknown	25.34155	J	6.5e+02	ug/kg

RQ=Result Qualifier J - Analyte is an estimate, has potentially larger errors

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

WSCF
METHOD REFERENCES REPORT

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-212-411	Determination of Soil pH Measurement	
	EPA SW-846 9045C	SOIL AND WASTE pH
LA-505-412	LA-505-412: DETERMINATION OF TRACE ELEMENTS IN WATERS AND WASTES BY INDUCTIVELY	
	EPA-600/R-94-111 200.8	DETERMINATION OF TRACE ELEMENTS IN WATERS AND WASTES BY INDUCTIVELY COUPLED PLAS
LA-508-415	LA-508-415: OPERATION OF THE PROTEAN 2-INCH ALPHA/BETA COUNTING SYSTEM FOR GROSS	
	None	No reference to any industry method.
LA-508-471	LA-508-471: ALPHA ENERGY ANALYZER DATA ACQUISITION AND SYSTEM CHECKOUT USING ALP	
	None	No reference to any industry method.
LA-508-481	LA-508-481: GAMMA ENERGY ANALYSIS USING PROCOUNT SOFTWARE	
	None	No reference to any industry method.
LA-519-412	LA-519-412: TOTAL RESIDUE/% SOLIDS DRIED AT 103 - 105 C	
	EPA-600/4-79-020 160.3	RESIDUE, TOTAL
	Standard Methods 2540B	Total Solids Dried at 103-105 C
LA-523-427	LA-523-427: POLYCHLORINATED BIPHENYLS (PCBs) BY GAS CHROMATOGRAPHY	
	EPA SW-846 3510C	SEPARATORY FUNNEL LIQUID-LIQUID EXTRACTION
	EPA SW-846 3545	PRESSURIZED FLUID EXTRACTION (PFE)
	EPA SW-846 3665A	SULFURIC ACID/PERMANGANATE CLEANUP
	EPA SW-846 8000B	DETERMINATIVE CHROMATOGRAPHIC SEPARATIONS
	EPA SW-846 8082	POLYCHLORINATED BIPHENYLS (PCBs) BY GAS CHROMATOGRAPHY

Note: A complete list of WSCF analytical procedures and referenced regulatory or industry methods is available online at \\ap006\aspdocs\WSCF\Sample Mgmt\ProcedureMethodCrossReference.pdf. This document includes on-line links to full-text versions of the procedures and methods, where available.

WSCF
METHOD REFERENCES REPORT

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-523-443	LA-523-443: GAS CHROMATOGRAPH ANALYSIS OF GASOLINE RANGE TOTAL PETROLEUM HYDROCA	
	WDOE TPH NWTPH-G	Volatile Petroleum Products Method for Soil and Water
LA-523-455	LA-523-455: VOLATILE SAMPLE ANALYSIS BY SW-846	
	EPA SW-846 8000B	DETERMINATIVE CHROMATOGRAPHIC SEPARATIONS
	EPA SW-846 8260B	VOLATILE ORGANIC COMPOUNDS BY GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)
LA-523-456	LA-523-456: SEMIVOLATILE SAMPLE ANALYSIS BY SW-846, METHOD 8270C	
	EPA SW-846 8000B	DETERMINATIVE CHROMATOGRAPHIC SEPARATIONS
	EPA SW-846 8270C	SEMIVOLATILE ORGANIC COMPOUNDS BY GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)
LA-533-410	LA-533-410: ANION ANALYSIS BY ION CHROMATOGRAPHY	
	EPA-600/R-94-111 300	DETERMINATION OF INORGANIC ANIONS BY ION CHROMATOGRAPHY
LA-695-402	LA-695-402: DETERMINATION OF CYANIDE BY MIDIDISTILLATION AND SPECTROPHOTOMETRIC	
	EPA-600/4-79-020 335.2	Cyanide, Total
NWTPH	NWTPH-Diesel and/or Gasoline	
	WDOE NWTPH-Dx/Gx	Total Petroleum Hydrocarbons - Diesel/Gasoline

Note: A complete list of WSCF analytical procedures and referenced regulatory or industry methods is available online at \\ap006\aspdocs\WSCF\Sample Mgmt\ProcedureMethodCrossReference.pdf. This document includes on-line links to full-text versions of the procedures and methods, where available.

w13qlog v1 04-mar-2005 13:49:40

W13q Worklist/Batch/QC Report for Group# WSCF20050265

WL#	S#	Batch	QC#	Tray Type	Sample#	Test
				SAMPLE	W050000296	Percent Solids
				SAMPLE	W050000297	Percent Solids
				SAMPLE	W050000298	Percent Solids
				SAMPLE	W050000299	Percent Solids
				SAMPLE	W050000300	Percent Solids
				SAMPLE	W050000296	pH Soil and Waste Measurement
				SAMPLE	W050000297	pH Soil and Waste Measurement
				SAMPLE	W050000298	pH Soil and Waste Measurement
				SAMPLE	W050000299	pH Soil and Waste Measurement
				SAMPLE	W050000300	pH Soil and Waste Measurement
24934	1	25289	28649	SAMPLE	W050000296	Gamma Energy Analysis-grd H2O
24934	2	25289	28649	SAMPLE	W050000297	Gamma Energy Analysis-grd H2O
24934	3	25289	28649	SAMPLE	W050000298	Gamma Energy Analysis-grd H2O
24934	4	25289	28649	SAMPLE	W050000299	Gamma Energy Analysis-grd H2O
24934	5	25289	28649	SAMPLE	W050000300	Gamma Energy Analysis-grd H2O
25015	1	25371	28725	BLANK		ICP-2008 MS All possible metal
25015	2	25371	28725	LCS		ICP-2008 MS All possible metal
25015	4	25371	28725	MS	W050000296	ICP-2008 MS All possible metal
25015	5	25371	28725	MSD	W050000296	ICP-2008 MS All possible metal
25015	3	25371	28725	SAMPLE	W050000296	ICP-2008 MS All possible metal
25015	0	25371	28725	SPK-RPD	W050000296	ICP-2008 MS All possible metal
25015	6	25371	28725	SAMPLE	W050000297	ICP-2008 MS All possible metal
25015	7	25371	28725	SAMPLE	W050000298	ICP-2008 MS All possible metal
25015	8	25371	28725	SAMPLE	W050000299	ICP-2008 MS All possible metal
25015	9	25371	28725	SAMPLE	W050000300	ICP-2008 MS All possible metal
			28823	BLANK		SW-846 8270B Semi-Vols
			28823	LCS		SW-846 8270B Semi-Vols
			28823	MS	W050000288	SW-846 8270B Semi-Vols
			28823	MSD	W050000288	SW-846 8270B Semi-Vols
			28823	SPK-RPD	W050000288	SW-846 8270B Semi-Vols
			28823	SAMPLE	W050000296	SW-846 8270B Semi-Vols
			28823	SURR	W050000296	SW-846 8270B Semi-Vols
			28823	SAMPLE	W050000297	SW-846 8270B Semi-Vols
			28823	SURR	W050000297	SW-846 8270B Semi-Vols
			28823	SAMPLE	W050000298	SW-846 8270B Semi-Vols
			28823	SURR	W050000298	SW-846 8270B Semi-Vols
			28823	SAMPLE	W050000299	SW-846 8270B Semi-Vols
			28823	SURR	W050000299	SW-846 8270B Semi-Vols
			28823	SAMPLE	W050000300	SW-846 8270B Semi-Vols
			28823	SURR	W050000300	SW-846 8270B Semi-Vols
25134	2	25493	28859	BLANK		Anions by Ion Chromatography
25134	15	25493	28859	BLANK		Anions by Ion Chromatography
25134	3	25493	28859	LCS		Anions by Ion Chromatography
25134	8	25493	28859	SAMPLE	W050000296	Anions by Ion Chromatography
25134	9	25493	28859	SAMPLE	W050000297	Anions by Ion Chromatography
25134	10	25493	28859	SAMPLE	W050000298	Anions by Ion Chromatography
25134	11	25493	28859	SAMPLE	W050000299	Anions by Ion Chromatography
25134	12	25493	28859	SAMPLE	W050000300	Anions by Ion Chromatography
25134	5	25493	28859	DUP	W050000410	Anions by Ion Chromatography
25134	6	25493	28859	MS	W050000410	Anions by Ion Chromatography

25134	7	25493	28859	MSD	W050000410	Anions by Ion Chromatography
			28864	BLANK		Cyanide by Midi/Spectrophotom
			28864	BLNK-PREP		Cyanide by Midi/Spectrophotom
			28864	LCS		Cyanide by Midi/Spectrophotom
			28864	MS	W050000296	Cyanide by Midi/Spectrophotom
			28864	MSD	W050000296	Cyanide by Midi/Spectrophotom
			28864	SAMPLE	W050000296	Cyanide by Midi/Spectrophotom
			28864	SPK-RPD	W050000296	Cyanide by Midi/Spectrophotom
			28864	SAMPLE	W050000297	Cyanide by Midi/Spectrophotom
			28864	SAMPLE	W050000298	Cyanide by Midi/Spectrophotom
			28864	SAMPLE	W050000299	Cyanide by Midi/Spectrophotom
			28864	SAMPLE	W050000300	Cyanide by Midi/Spectrophotom
			28869	BLANK		WTPH-D TPH Diesel Range (Wa)
			28869	LCS		WTPH-D TPH Diesel Range (Wa)
			28869	MS	W050000288	WTPH-D TPH Diesel Range (Wa)
			28869	MSD	W050000288	WTPH-D TPH Diesel Range (Wa)
			28869	SPK-RPD	W050000288	WTPH-D TPH Diesel Range (Wa)
			28869	SAMPLE	W050000296	WTPH-D TPH Diesel Range (Wa)
			28869	SURR	W050000296	WTPH-D TPH Diesel Range (Wa)
			28869	SAMPLE	W050000297	WTPH-D TPH Diesel Range (Wa)
			28869	SURR	W050000297	WTPH-D TPH Diesel Range (Wa)
			28869	SAMPLE	W050000298	WTPH-D TPH Diesel Range (Wa)
			28869	SURR	W050000298	WTPH-D TPH Diesel Range (Wa)
			28869	SAMPLE	W050000299	WTPH-D TPH Diesel Range (Wa)
			28869	SURR	W050000299	WTPH-D TPH Diesel Range (Wa)
			28869	SAMPLE	W050000300	WTPH-D TPH Diesel Range (Wa)
			28869	SURR	W050000300	WTPH-D TPH Diesel Range (Wa)
			28878	BLANK		PCBs complete list
			28878	LCS		PCBs complete list
			28878	SAMPLE	W050000296	PCBs complete list
			28878	SURR	W050000296	PCBs complete list
			28878	SAMPLE	W050000297	PCBs complete list
			28878	SURR	W050000297	PCBs complete list
			28878	SAMPLE	W050000298	PCBs complete list
			28878	SURR	W050000298	PCBs complete list
			28878	SAMPLE	W050000299	PCBs complete list
			28878	SURR	W050000299	PCBs complete list
			28878	MS	W050000300	PCBs complete list
			28878	MSD	W050000300	PCBs complete list
			28878	SAMPLE	W050000300	PCBs complete list
			28878	SPK-RPD	W050000300	PCBs complete list
			28878	SURR	W050000300	PCBs complete list
25049	1	25403	28884	BLANK		Strontium 89/90
25049	2	25403	28884	LCS		Strontium 89/90
25049	3	25403	28884	DUP	W050000288	Strontium 89/90
25049	5	25403	28884	SAMPLE	W050000296	Strontium 89/90
25049	6	25403	28884	SAMPLE	W050000297	Strontium 89/90
25049	7	25403	28884	SAMPLE	W050000298	Strontium 89/90
25049	8	25403	28884	SAMPLE	W050000299	Strontium 89/90
25049	9	25403	28884	SAMPLE	W050000300	Strontium 89/90
25179	1	25539	28954	BLANK		Americium by AEA
25179	2	25539	28954	LCS		Americium by AEA
25179	3	25539	28954	DUP	W050000288	Americium by AEA
25179	5	25539	28954	SAMPLE	W050000296	Americium by AEA
25179	6	25539	28954	SAMPLE	W050000297	Americium by AEA

25179	7	25539	28954	SAMPLE	W050000298	Americium by AEA
25179	8	25539	28954	SAMPLE	W050000299	Americium by AEA
25179	9	25539	28954	SAMPLE	W050000300	Americium by AEA
25180	1	25540	28955	BLANK		Plutonium Isotopics by AEA
25180	2	25540	28955	LCS		Plutonium Isotopics by AEA
25180	3	25540	28955	DUP	W050000288	Plutonium Isotopics by AEA
25180	5	25540	28955	SAMPLE	W050000296	Plutonium Isotopics by AEA
25180	6	25540	28955	SAMPLE	W050000297	Plutonium Isotopics by AEA
25180	7	25540	28955	SAMPLE	W050000298	Plutonium Isotopics by AEA
25180	8	25540	28955	SAMPLE	W050000299	Plutonium Isotopics by AEA
25180	9	25540	28955	SAMPLE	W050000300	Plutonium Isotopics by AEA
25178	1	25538	28956	BLANK		Uranium Isotopics by AEA
25178	2	25538	28956	LCS		Uranium Isotopics by AEA
25178	3	25538	28956	DUP	W050000288	Uranium Isotopics by AEA
25178	5	25538	28956	SAMPLE	W050000296	Uranium Isotopics by AEA
25178	6	25538	28956	SAMPLE	W050000297	Uranium Isotopics by AEA
25178	7	25538	28956	SAMPLE	W050000298	Uranium Isotopics by AEA
25178	8	25538	28956	SAMPLE	W050000299	Uranium Isotopics by AEA
25178	9	25538	28956	SAMPLE	W050000300	Uranium Isotopics by AEA
			29006	BLANK		VOA Ground Water Protection
			29006	LCS		VOA Ground Water Protection
			29006	SAMPLE	W050000296	VOA Ground Water Protection
			29006	SURR	W050000296	VOA Ground Water Protection
			29006	SAMPLE	W050000297	VOA Ground Water Protection
			29006	SURR	W050000297	VOA Ground Water Protection
			29006	MS	W050000298	VOA Ground Water Protection
			29006	MSD	W050000298	VOA Ground Water Protection
			29006	SAMPLE	W050000298	VOA Ground Water Protection
			29006	SPK-RPD	W050000298	VOA Ground Water Protection
			29006	SURR	W050000298	VOA Ground Water Protection
			29006	SAMPLE	W050000299	VOA Ground Water Protection
			29006	SURR	W050000299	VOA Ground Water Protection
			29006	SAMPLE	W050000300	VOA Ground Water Protection
			29006	SURR	W050000300	VOA Ground Water Protection
25267	1	25633	29015	BLANK		NWTPH-GX TPH Gasoline Range
25267	2	25633	29015	LCS		NWTPH-GX TPH Gasoline Range
25267	4	25633	29015	DUP	W050000288	NWTPH-GX TPH Gasoline Range
25267	5	25633	29015	MS	W050000288	NWTPH-GX TPH Gasoline Range
25267	6	25633	29015	MSD	W050000288	NWTPH-GX TPH Gasoline Range
25267	6	25633	29015	SPK-RPD	W050000288	NWTPH-GX TPH Gasoline Range
25267	7	25633	29015	SAMPLE	W050000296	NWTPH-GX TPH Gasoline Range
25267	8	25633	29015	SAMPLE	W050000297	NWTPH-GX TPH Gasoline Range
25267	9	25633	29015	SAMPLE	W050000298	NWTPH-GX TPH Gasoline Range
25267	10	25633	29015	SAMPLE	W050000299	NWTPH-GX TPH Gasoline Range
25267	11	25633	29015	SAMPLE	W050000300	NWTPH-GX TPH Gasoline Range

M8141-SLF-05-115

ATTACHMENT 3

SAMPLE RECEIPT INFORMATION

Consisting of 7 pages
Including cover page

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

File
NB
3/4/05

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Groundwater Remediation Program
Richland, WA 99354
Attn: Steve Trent

Customer Code: GPP
PO#: 119144/ES10
Group#: 20050265
Project#: F04-015
Proj Mgr: Steve Trent A0-21
Phone: 373-5869

The following samples were received from you on 02/03/05. 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
W050000296	B19PM5	GRP	TRENT Solid, or handle as if solid				02/03/05
		@2008	@AEA-30	@AEA-31	@AEA-32	@GEA-GPP	
		@IC-30	@PCBGPP	@SR89_90	@SVOCGPP	@TPHD-WA	@TPHG
		@VOA-GPP	CN-02	PERSOLID	PH-30		
W050000297	B19PM6	GRP	TRENT Solid, or handle as if solid				02/03/05
		@2008	@AEA-30	@AEA-31	@AEA-32	@GEA-GPP	
		@IC-30	@PCBGPP	@SR89_90	@SVOCGPP	@TPHD-WA	@TPHG
		@VOA-GPP	CN-02	PERSOLID	PH-30		
W050000298	B19PM7	GRP	TRENT Solid, or handle as if solid				02/03/05
		@2008	@AEA-30	@AEA-31	@AEA-32	@GEA-GPP	
		@IC-30	@PCBGPP	@SR89_90	@SVOCGPP	@TPHD-WA	@TPHG
		@VOA-GPP	CN-02	PERSOLID	PH-30		
W050000299	B19PM8	GRP	TRENT Solid, or handle as if solid				02/03/05
		@2008	@AEA-30	@AEA-31	@AEA-32	@GEA-GPP	
		@IC-30	@PCBGPP	@SR89_90	@SVOCGPP	@TPHD-WA	@TPHG
		@VOA-GPP	CN-02	PERSOLID	PH-30		
W050000300	B19PM9	GRP	TRENT Solid, or handle as if solid				02/03/05
		@2008	@AEA-30	@AEA-31	@AEA-32	@GEA-GPP	
		@IC-30	@PCBGPP	@SR89_90	@SVOCGPP	@TPHD-WA	@TPHG
		@VOA-GPP	CN-02	PERSOLID	PH-30		

Test Acronym Description

Test Acronym	Description
@2008	ICP-2008 MS All possible metal
@AEA-30	Plutonium Isotopics by AEA
@AEA-31	Americium by AEA
@AEA-32	Uranium Isotopics by AEA
@GEA-GPP	Gamma Energy Analysis-grd H2O
@IC-30	Anions by Ion Chromatography
@PCBGPP	PCBs complete list
@SR89_90	Strontium 89/90
@SVOCGPP	SW-846 8270B Semi-Vols

Groundwater Remediation Program

Richland, WA 99354
Attn: Steve Trent

Customer Code: GPP
PO#: 119144/ES10
Group#: 20050265
Project#: F04-015
Proj Mgr: Steve Trent A0-21
Phone: 373-5869

Test Acronym Description

Test Acronym	Description
@TPHD-WA	WTPH-D TPH Diesel Range (Wa)
@TPHG-WA	NWTPH-GX TPH Gasoline Range
@VOA-GPP	VOA Ground Water Protection
CN-02	Cyanide by Midi/Spectrophotom
PERSOLID	Percent Solids
PH-30	pH Soil and Waste Measurement

3141a5

FLUOR Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F04-015-080	PAGE 1 OF 1

COLLECTOR: Pope/Pfister/Wiberg/Tyra	COMPANY CONTACT: CS Cearlock	TELEPHONE NO.: 372-9638	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 8N	AIR QUALITY: ☐	DATA TURNAROUND: 45 Days / 45 Days	
SAMPLING LOCATION: 216-T-33; 16.5ft-19.0ft	PROJECT DESIGNATION: 200-MW-1 Characterization Sampling and Analysis - Soil	SAF NO.: F04-015	
ICE CHEST NO.	FIELD LOGBOOK NO.: HNF-N-386 1	COA: 119144ES10	METHOD OF SHIPMENT: Governement 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: N/A

SPECIAL HANDLING AND/OR STORAGE: Radioactive Tie To: B19PN7

20050265

PRESERVATION	Cool 4C	Cool 4C	Cool 4C	Cool 4C	Cool 4C	None
TYPE OF CONTAINER	aG	aG	aG	aGs*	aG	Square Bottle - Poly
NO. OF CONTAINER(S)	1	1	1	3	1	1
VOLUME	250mL	120mL	250mL	40mL	120mL	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	PCBs - 8082;	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	SEE ITEM (4) IN SPECIAL INSTRUCTIONS	SEE ITEM (5) IN SPECIAL INSTRUCTIONS GEA

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME						
B19PM5 W0500296	SOIL	2-3-05	0750	X	X	X	X	X	X
B19PM6 297	SOIL	2-3-05	0750	X	X	X	X	X	X

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: JS Pfister	DATE/TIME: 2-3-05 1315	RECEIVED BY/STORED IN: Victor Bus	DATE/TIME: 2/3/05 1315
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

** The laboratory is to report both kerosene and diesel range compounds from the WTPH-D analysis.
(1)IC Anions - 300.0 {Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Phosphate, Sulfate} Total Cyanide - 9010; pH (Soil) - 9045;
(2)ICP/MS - 200.8 (TAL) {Cadmium, Chromium, Copper, Silver} ICP/MS - 200.8 (Add-on) {Lead, Uranium} 200.8_HG - ICPMS {Mercury}
(3)VOA - 8260A (TCL); VOA - 8260A (Add-On) {1-Butanol, cis-1,2-Dichloroethylene, n-Butylbenzene, trans-1,2-Dichloroethylene}
(4)Semi-VOA -- 8270A (Add-On) {Tributyl phosphate} TPH-Gasoline Range - WTPH-G; TPH-Diesel Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range}
(5)Gamma Spectroscopy {Cesium-137, Cobalt-60, Europium-152, Europium-154, Europium-155} Isotopic Plutonium; Isotopic Uranium; Americium-241; Strontium-89,90 -- Total Sr; EXPEDITE GEA - 24 hr. TURNAROUND

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

FLUOR Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F04-015-081	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8N	DATA TURNAROUND
Pope/Pfister/Wiberg/Tyra	CS Cearlock	372-9638	TRENT, SJ	AIR QUALITY ☐	45 Days / 45 Days
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**		
216-T-33; 19ft-21.5ft	200-MW-1 Characterization Sampling and Analysis - Soil		F04-015		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**		
	HNF-N-386 1	119144E510	Governement Vehcle		
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		
Waste Sampling & Characterization	N/A		N/A		

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

POSSIBLE SAMPLE HAZARDS/ REMARKS: N/A

SPECIAL HANDLING AND/OR STORAGE: Radioactive Tie To: 819PN8

PRESERVATION	Cool 4C	Cool 4C	Cool 4C	Cool 4C	Cool 4C	None
TYPE OF CONTAINER	aG	aG	aG	aGs*	aG	Square Bottle - Poly
NO. OF CONTAINER(S)	1	1	1	3	1	1
VOLUME	250mL	120mL	250mL	40mL	120mL	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	PCBs - 8082;	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	SEE ITEM (4) IN SPECIAL INSTRUCTIONS	SEE ITEM (5) IN SPECIAL INSTRUCTIONS GEA

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME						
B19PM7 W0800002294	SOIL	2-3-05	0850	X	X	X	X	X	X

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
JSAtc/ 2-3-05	1355	Victor Bins	2/3/05 1355
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

** The laboratory is to report both kerosene and diesel range compounds from the WTPH-D analysis.
(1)IC Anions - 300.0 {Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Phosphate, Sulfate} Total Cyanide - 9010; pH (Soil) - 9045;
(2)ICP/MS - 200.8 (TAL) {Cadmium, Chromium, Copper, Silver} ICP/MS - 200.8 (Add-on) {Lead, Uranium} 200.8_HG - ICPMS {Mercury}
(3)VOA - 8260A (TCL); VOA - 8260A (Add-On) {1-Butanol, cis-1,2-Dichloroethylene, n-Butylbenzene, trans-1,2-Dichloroethylene}
(4)Semi-VOA – 8270A (Add-On) {Tributyl phosphate} TPH-Gasoline Range - WTPH-G; TPH-Diesel Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range}
(5)Gamma Spectroscopy {Cesium-137, Cobalt-60, Europium-152, Europium-154, Europium-155} Isotopic Plutonium; Isotopic Uranium; Americium-241; Strontium-89,90 -- Total Sr; EXPEDITE GEA - 24 hr. TURNAROUND

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

FLUOR Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F04-015-082	PAGE 1 OF 1

COLLECTOR Pope/Pfister/Wiberg/Tyra	**COMPANY CONTACT** CS Cearlock	**TELEPHONE NO.** 372-9638	**PROJECT COORDINATOR** TRENT, SJ
SAMPLING LOCATION 216-T-33; 22.5ft-25.0ft	**PROJECT DESIGNATION** 200-MW-1 Characterization Sampling and Analysis - Soil		**SAF NO.** F04-015
ICE CHEST NO.	**FIELD LOGBOOK NO.** HNF-N-386 1	**COA** 119144ES10	**METHOD OF SHIPMENT** Governement Vehcle
SHIPPED TO Waste Sampling & Characterization	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

PRICE CODE 8N **AIR QUALITY** ☐ **DATA TURNAROUND** 45 Days / 45 Days

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

POSSIBLE SAMPLE HAZARDS/ REMARKS N/A

SPECIAL HANDLING AND/OR STORAGE Radioactive Tie To: B19PN9

PRESERVATION	Cool 4C	Cool 4C	Cool 4C	Cool 4C	Cool 4C	None						
TYPE OF CONTAINER	aG	aG	aG	aGs*	aG	Square Bottle - Poly						
NO. OF CONTAINER(S)	1	1	1	3	1	1						
VOLUME	250mL	120mL	250mL	40mL	120mL	500mL						
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	PCBs - 8082;	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	SEE ITEM (4) IN SPECIAL INSTRUCTIONS	SEE ITEM (5) IN SPECIAL INSTRUCTIONS GEA						

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
B19PM8 W0500209	SOIL	2-3-05	1100	X	X	X	X	X	X				

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
JSA Pfister 2-3-05	1315	Victor Brus	2/3/05 1315
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

** The laboratory is to report both kerosene and diesel range compounds from the WTPH-D analysis.
(1)IC Anions - 300.0 {Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Phosphate, Sulfate} Total Cyanide - 9010; pH (Soil) - 9045;
(2)ICP/MS - 200.8 (TAL) {Cadmium, Chromium, Copper, Silver} ICP/MS - 200.8 (Add-on) {Lead, Uranium} 200.8_HG - ICPMS {Mercury}
(3)VOA - 8260A (TCL); VOA - 8260A (Add-On) {1-Butanol, cis-1,2-Dichloroethylene, n-Butylbenzene, trans-1,2-Dichloroethylene}
(4)Semi-VOA -- 8270A (Add-On) {Tributyl phosphate} TPH-Gasoline Range - WTPH-G; TPH-Diesel Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range}
(5)Gamma Spectroscopy {Cesium-137, Cobalt-60, Europium-152, Europium-154, Europium-155} Isotopic Plutonium; Isotopic Uranium; Americium-241; Strontium-89,90 -- Total Sr; EXPEDITE GEA - 24 hr. turnaround

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

FLUOR Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F04-015-083	PAGE 1 OF 1
COLLECTOR Pope/Pfister/Wiberg/Tyra	COMPANY CONTACT CS Cearlock	TELEPHONE NO. 372-9638	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8N AIR QUALITY ☐
SAMPLING LOCATION 216-T-33; 27.5ft-30ft	PROJECT DESIGNATION 200-MW-1 Characterization Sampling and Analysis - Soil		SAF NO. F04-015	DATA TURNAROUND 45 Days / 45 Days
ICE CHEST NO.	FIELD LOGBOOK NO. HNF-N-386 1	COA 119144ES10	METHOD OF SHIPMENT Governement Vehcle	
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=Vegitation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS: N/A

SPECIAL HANDLING AND/OR STORAGE: Radioactive Tle To: B19PP0

PRESERVATION	Cool 4C	Cool 4C	Cool 4C	Cool 4C	Cool 4C	None
TYPE OF CONTAINER	aG	aG	aG	aGs*	aG	Square Bottle - Poly
NO. OF CONTAINER(S)	1	1	1	3	1	1
VOLUME	250mL	120mL	250mL	40mL	120mL	500mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	PCBs - 8082;	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	SEE ITEM (4) IN SPECIAL INSTRUCTIONS	SEE ITEM (5) IN SPECIAL INSTRUCTIONS GEA

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME						
B19PM9 W US 0000 500	SOIL	2/3/05	1310	X	X	X	X	X	X

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM JS Mfr 2/3/05	DATE/TIME 2-3-05 1315S	RECEIVED BY/STORED IN Victor B 2/3/05	DATE/TIME 1315S
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

** The laboratory is to report both kerosene and diesel range compounds from the WTPH-D analysis.
(1)IC Anions - 300.0 {Fluoride, Nitrogen in Nitrate, Nitrogen in Nitrite, Phosphate, Sulfate} Total Cyanide - 9010; pH (Soil) - 9045;
(2)ICP/MS - 200.8 (TAL) {Cadmium, Chromium, Copper, Silver} ICP/MS - 200.8 (Add-on) {Lead, Uranium} 200.8_HG - ICPMS {Mercury}
(3)VOA - 8260A (TCL); VOA - 8260A (Add-On) {1-Butanol, cis-1,2-Dichloroethylene, n-Butylbenzene, trans-1,2-Dichloroethylene}
(4)Semi-VOA -- 8270A (Add-On) {Tributyl phosphate} TPH-Gasoline Range - WTPH-G; TPH-Diesel Range - WTPH-D {Total petroleum hydrocarbons - diesel range, Total petroleum hydrocarbons - kerosene range}
(5)Gamma Spectroscopy {Cesium-137, Cobalt-60, Europium-152, Europium-154, Europium-155} Isotopic Plutonium; Isotopic Uranium; Americium-241; Strontium-89,90 -- Total Sr; expedite GEA - 24 hr. Turnaround

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