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FLUOR

Memorandum

M8141-SLF-05-202

To: S. J. Trent A0-21 Date: May 4, 2005

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

cc:

w/Attachments		w/o Attachments	
T. F. Dale	S3-30	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: FINAL RESULTS FOR BC CONTROLLED AREA SURFICIAL SOIL CHARACTERIZATION – SAMPLE DELIVERY GROUP WSCF20050636 – SAF NUMBER F05-014

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

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

This letter contains a narrative (Attachment 1) for sample delivery group WSCF20050636, the analytical results (Attachment 2), and the sample receipt information (Attachment 3).

SLF/grf

Attachments 3

RECEIVED
OCT 27 2005
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M8141-SLF-05-202

ATTACHMENT 1

NARRATIVE

Consisting of 4 pages
Including cover page

Sample Delivery Group	**WSCF20050636**
Sample Matrix	**Soil**
Sample Visual	**N/A**
SAF Number	**F05-014**
Data Deliverable	**Summary Report**

Introduction

Sixteen (16) BC Controlled Area - Soil Characterization samples (B1CHH6, B1CHH7, B1CHH8, B1CHC8, B1CHC9, B1CHD0, B1CHD1, B1CHD2, B1CHD3, B1CHD4, B1CHD5, B1CHH3, B1CHD6, B1CHH4, B1CHD7 and B1CHH5) were received at the WSCF Laboratory on March 22, 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 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.
- ICP-AES Metals by EPA Method 6010B. 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.

Organic

- PCBs by EPA Method 8082B. Analytical work was performed with no deviations to the approved method.

Inorganic Comments

Anions - The hold times for Nitrite and Nitrate analysis were not met. A Blank, Duplicate, Laboratory Control Sample, Matrix Spike and Matrix Spiked Duplicate were analyzed with each

delivery group per GRP Letter of Instruction. See pages 24 through 25 for QC details. Analytical Note:

- Preparation Date: 28-mar-2005

All QC controls are within the established limits.

ICP-AES Metals (Boron, Lithium and Manganese) – 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 GRP Letter of Instruction. See page 26 for QC details. Analytical Notes:

- Preparation Date: 30-mar-2005
- The analytes detected in the associated preparation Blank sample were evaluated and there was no significant affect on the sample results.
- Manganese – The Matrix Spike Duplicate QC recovery and Spike Relative Percent Difference exceeded established laboratory limits. Since all of the other QC controls were within the established limits, the sample results were not 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 GRP Letter of Instruction. See pages 27 through 30 for QC details. Analytical Notes:

- Preparation Date: 30-mar-2005.
- The analytes detected in the associated preparation Blank sample were evaluated and there was no significant affect on the sample results.
- Silver and Antimony – The Laboratory Control Sample recoveries were within manufacturer's limits.
- Selenium - The Laboratory Control Sample recovery was biased low, however the Matrix Spike and the Matrix Spike Duplicate QC samples were acceptable and the data was not flagged.
- Samples B1CHD5 (W050001039), B1CHH3 (W050001040), B1CHD6 (W050001041), B1CHD7 (W050001043) and B1CHH5 (W050001044) were re-analyzed at lower dilutions per customer request. Re-analysis resulted in meeting all of the method detection limits except for Arsenic, Chromium and Mercury.

All other QC controls are within the established limits.

Percent Solids – analyzed for organic moisture correction.

Organic Comments

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

PCBs – 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 GRP Letter of Instruction. See pages 37 through 40 for QC details. Analytical Note:

- Preparation Date: 23-mar-2005.
- Matrix Spike and Matrix Spike Duplicate QC samples were analyzed on sample# B19411 (SDG# 20050622, SAF# F03-025).
- Although the tetrachloro-m-xylene (TCX) surrogate recovery (sample B1CHD2) was low (48%), it was determined that there was no affect on the Aroclor sample results. Results were below detection limit and U flagged.

All other QC controls are within the established limits.

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

M8141-SLF-05-202

ATTACHMENT 2

ANALYTICAL RESULTS

Consisting of 42 pages
Including cover page

WSCF
ANALYTICAL RESULTS REPORT

for

Groundwater Remediation Program

Richland, WA 99354

Attention: Steve Trent

Analytical: WW Baird 5/3/05

Client Services: P.O. Mix 5/3/2005

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#: WSCF20050636
Report Date: 2-may-2005
Report WGPP/ver. 1.1

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID	CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
Inorganic													
W050001016	B1CHH6 GRP TRENT	TS	Total solids	SOIL	LA-519-412		96.0	%	1.00	0.0	04/15/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	16984-48-8	Fluoride	SOIL	LA-533-410	U	< 1.13	mg/kg	49.00	1.1	03/28/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	16887-00-6	Chloride	SOIL	LA-533-410	U	< 2.55	mg/kg	49.00	2.5	03/28/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	14808-79-8	Sulfate	SOIL	LA-533-410	U	< 4.90	mg/kg	49.00	4.9	03/28/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7439-96-5	Manganese	SOIL	LA-505-411		324	mg/kg	97.24	0.097	03/30/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7439-93-2	Lithium	SOIL	LA-505-411		6.23	mg/kg	97.24	0.097	03/30/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7440-42-8	Boron	SOIL	LA-505-411	U	< 2.53	mg/kg	97.24	2.5	03/30/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7440-02-0	Nickel	SOIL	LA-505-412		9.02	mg/kg	9.55	0.96	03/30/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7440-22-4	Silver	SOIL	LA-505-412	U	< 0.955	mg/kg	9.55	0.96	03/30/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7440-36-0	Antimony	SOIL	LA-505-412	U	< 9.55	mg/kg	9.55	9.6	03/30/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7440-39-3	Barium	SOIL	LA-505-412		79.5	mg/kg	9.55	38	03/30/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7440-41-7	Beryllium	SOIL	LA-505-412	U	< 0.955	mg/kg	9.55	0.96	03/30/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7440-43-9	Cadmium	SOIL	LA-505-412	U	< 0.955	mg/kg	9.55	0.96	03/30/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7440-47-3	Chromium	SOIL	LA-505-412	U	< 38.2	mg/kg	9.55	38	03/30/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7440-48-4	Cobalt	SOIL	LA-505-412		7.85	mg/kg	9.55	0.096	03/30/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7440-50-8	Copper	SOIL	LA-505-412	U	< 19.1	mg/kg	9.55	19	03/30/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7440-62-2	Vanadium	SOIL	LA-505-412		46.3	mg/kg	9.55	1.9	03/30/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7440-66-6	Zinc	SOIL	LA-505-412		46.1	mg/kg	9.55	38	03/30/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7439-92-1	Lead	SOIL	LA-505-412		4.11	mg/kg	9.55	1.9	03/30/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7439-97-6	Mercury	SOIL	LA-505-412	U	< 0.955	mg/kg	9.55	0.96	03/30/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7439-98-7	Molybdenum	SOIL	LA-505-412	U	< 2.86	mg/kg	9.55	2.9	03/30/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7440-61-1	Uranium	SOIL	LA-505-412	U	< 0.955	mg/kg	9.55	0.96	03/30/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7440-38-2	Arsenic	SOIL	LA-505-412	U	< 3.82	mg/kg	9.55	3.8	03/30/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7782-49-2	Selenium	SOIL	LA-505-412	U	< 3.82	mg/kg	9.55	3.8	03/30/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7440-28-0	Thallium	SOIL	LA-505-412		0.339	mg/kg	9.55	0.096	03/30/05	03/18/05	03/22/05
W050001016	B1CHH6 GRP TRENT	7440-31-5	Tin	SOIL	LA-505-412	U	< 9.55	mg/kg	9.55	9.6	03/30/05	03/18/05	03/22/05

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: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ		Result	Unit	DF	MDL	Analyze	Sample	Receive
W050001030	B1CHH7	GRP	TRENT	TS	Total solids	SOIL	LA-519-412			96.9	%	1.00	0.0	04/15/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	16984-48-8	Fluoride	SOIL	LA-533-410	U	<	1.15	mg/kg	50.00	1.2	03/28/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	16887-00-6	Chloride	SOIL	LA-533-410	U	<	2.60	mg/kg	50.00	2.6	03/28/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	14808-79-8	Sulfate	SOIL	LA-533-410	U	<	5.00	mg/kg	50.00	5.0	03/28/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7439-96-5	Manganese	SOIL	LA-505-411			374	mg/kg	97.45	0.097	03/30/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7439-93-2	Lithium	SOIL	LA-505-411			5.37	mg/kg	97.45	0.097	03/30/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7440-42-8	Boron	SOIL	LA-505-411	U	<	2.53	mg/kg	97.45	2.5	03/30/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7440-02-0	Nickel	SOIL	LA-505-412			8.79	mg/kg	9.76	0.98	03/30/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7440-22-4	Silver	SOIL	LA-505-412	U	<	0.976	mg/kg	9.76	0.98	03/30/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7440-36-0	Antimony	SOIL	LA-505-412	U	<	9.76	mg/kg	9.76	9.8	03/30/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7440-39-3	Barium	SOIL	LA-505-412			74.6	mg/kg	9.76	39	03/30/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7440-41-7	Beryllium	SOIL	LA-505-412	U	<	0.976	mg/kg	9.76	0.98	03/30/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7440-43-9	Cadmium	SOIL	LA-505-412	U	<	0.976	mg/kg	9.76	0.98	03/30/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7440-47-3	Chromium	SOIL	LA-505-412	U	<	39.0	mg/kg	9.76	39	03/30/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7440-48-4	Cobalt	SOIL	LA-505-412			7.78	mg/kg	9.76	0.098	03/30/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7440-50-8	Copper	SOIL	LA-505-412	U	<	19.5	mg/kg	9.76	20	03/30/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7440-62-2	Vanadium	SOIL	LA-505-412			45.3	mg/kg	9.76	2.0	03/30/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7440-66-6	Zinc	SOIL	LA-505-412			50.4	mg/kg	9.76	39	03/30/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7439-92-1	Lead	SOIL	LA-505-412			3.57	mg/kg	9.76	2.0	03/30/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7439-97-6	Mercury	SOIL	LA-505-412	U	<	0.976	mg/kg	9.76	0.98	03/30/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7439-98-7	Molybdenum	SOIL	LA-505-412			5.31	mg/kg	9.76	2.9	03/30/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7440-61-1	Uranium	SOIL	LA-505-412	U	<	0.976	mg/kg	9.76	0.98	03/30/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7440-38-2	Arsenic	SOIL	LA-505-412	U	<	3.90	mg/kg	9.76	3.9	03/30/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7782-49-2	Selenium	SOIL	LA-505-412	U	<	3.90	mg/kg	9.76	3.9	03/30/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7440-28-0	Thallium	SOIL	LA-505-412			3.06	mg/kg	9.76	0.098	03/30/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	7440-31-5	Tin	SOIL	LA-505-412	U	<	9.76	mg/kg	9.76	9.8	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	TS	Total solids	SOIL	LA-519-412			97.0	%	1.00	0.0	04/15/05	03/11/05	03/22/05

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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: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050001031	B1CHH8	GRP	TRENT	16984-48-8	Fluoride	SOIL	LA-533-410	U	< 1.15	mg/kg	50.00	1.2	03/28/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	16887-00-6	Chloride	SOIL	LA-533-410	U	< 2.60	mg/kg	50.00	2.6	03/28/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	14808-79-8	Sulfate	SOIL	LA-533-410	U	< 5.00	mg/kg	50.00	5.0	03/28/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7439-96-5	Manganese	SOIL	LA-505-411		366	mg/kg	99.64	0.10	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7439-93-2	Lithium	SOIL	LA-505-411		5.87	mg/kg	99.64	0.10	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7440-42-8	Boron	SOIL	LA-505-411	U	< 2.59	mg/kg	99.64	2.6	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7440-02-0	Nickel	SOIL	LA-505-412		9.90	mg/kg	9.97	1.0	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7440-22-4	Silver	SOIL	LA-505-412	U	< 0.997	mg/kg	9.97	1.0	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7440-36-0	Antimony	SOIL	LA-505-412	U	< 9.97	mg/kg	9.97	10	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7440-39-3	Barium	SOIL	LA-505-412		80.4	mg/kg	9.97	40	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7440-41-7	Beryllium	SOIL	LA-505-412	U	< 0.997	mg/kg	9.97	1.0	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7440-43-9	Cadmium	SOIL	LA-505-412	U	< 0.997	mg/kg	9.97	1.0	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7440-47-3	Chromium	SOIL	LA-505-412	U	< 39.9	mg/kg	9.97	40	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7440-48-4	Cobalt	SOIL	LA-505-412		7.77	mg/kg	9.97	0.10	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7440-50-8	Copper	SOIL	LA-505-412	U	< 19.9	mg/kg	9.97	20	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7440-62-2	Vanadium	SOIL	LA-505-412		41.0	mg/kg	9.97	2.0	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7440-66-6	Zinc	SOIL	LA-505-412		46.7	mg/kg	9.97	40	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7439-92-1	Lead	SOIL	LA-505-412		4.48	mg/kg	9.97	2.0	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7439-97-6	Mercury	SOIL	LA-505-412	U	< 0.997	mg/kg	9.97	1.0	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7439-98-7	Molybdenum	SOIL	LA-505-412	U	< 2.99	mg/kg	9.97	3.0	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7440-61-1	Uranium	SOIL	LA-505-412	U	< 0.997	mg/kg	9.97	1.0	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7440-38-2	Arsenic	SOIL	LA-505-412	U	< 3.99	mg/kg	9.97	4.0	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7782-49-2	Selenium	SOIL	LA-505-412	U	< 3.99	mg/kg	9.97	4.0	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7440-28-0	Thallium	SOIL	LA-505-412		1.07	mg/kg	9.97	0.10	03/30/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	7440-31-5	Tin	SOIL	LA-505-412	U	< 9.97	mg/kg	9.97	10	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	TS	Total solids	SOIL	LA-519-412		94.9	%	1.00	0.0	04/15/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	16984-48-8	Fluoride	SOIL	LA-533-410	U	< 1.15	mg/kg	50.00	1.2	03/28/05	03/11/05	03/22/05

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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: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050001032	B1CHC8	GRP	TRENT	16887-00-6	Chloride	SOIL	LA-533-410	U	< 2.60	mg/kg	50.00	2.6	03/28/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	14808-79-8	Sulfate	SOIL	LA-533-410	U	< 5.00	mg/kg	50.00	5.0	03/28/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7439-96-5	Manganese	SOIL	LA-505-411		380	mg/kg	97.50	0.098	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7439-93-2	Lithium	SOIL	LA-505-411		6.17	mg/kg	97.50	0.098	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7440-42-8	Boron	SOIL	LA-505-411	U	< 2.54	mg/kg	97.50	2.5	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7440-02-0	Nickel	SOIL	LA-505-412		9.30	mg/kg	9.80	0.98	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7440-22-4	Silver	SOIL	LA-505-412	U	< 0.980	mg/kg	9.80	0.98	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7440-36-0	Antimony	SOIL	LA-505-412	U	< 9.80	mg/kg	9.80	9.8	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7440-39-3	Barium	SOIL	LA-505-412		77.8	mg/kg	9.80	39	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7440-41-7	Beryllium	SOIL	LA-505-412	U	< 0.980	mg/kg	9.80	0.98	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7440-43-9	Cadmium	SOIL	LA-505-412	U	< 0.980	mg/kg	9.80	0.98	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7440-47-3	Chromium	SOIL	LA-505-412	U	< 39.2	mg/kg	9.80	39	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7440-48-4	Cobalt	SOIL	LA-505-412		7.77	mg/kg	9.80	0.098	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7440-50-8	Copper	SOIL	LA-505-412	U	< 19.6	mg/kg	9.80	20	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7440-62-2	Vanadium	SOIL	LA-505-412		42.2	mg/kg	9.80	2.0	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7440-66-6	Zinc	SOIL	LA-505-412		48.6	mg/kg	9.80	39	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7439-92-1	Lead	SOIL	LA-505-412		4.03	mg/kg	9.80	2.0	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7439-97-6	Mercury	SOIL	LA-505-412	U	< 0.980	mg/kg	9.80	0.98	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7439-98-7	Molybdenum	SOIL	LA-505-412	U	< 2.94	mg/kg	9.80	2.9	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7440-61-1	Uranium	SOIL	LA-505-412	U	< 0.980	mg/kg	9.80	0.98	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7440-38-2	Arsenic	SOIL	LA-505-412	U	< 3.92	mg/kg	9.80	3.9	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7782-49-2	Selenium	SOIL	LA-505-412	U	< 3.92	mg/kg	9.80	3.9	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7440-28-0	Thallium	SOIL	LA-505-412		0.651	mg/kg	9.80	0.098	03/30/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	7440-31-5	Tin	SOIL	LA-505-412	U	< 9.80	mg/kg	9.80	9.8	03/30/05	03/11/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	TS	Total solids	SOIL	LA-519-412		94.4	%	1.00	0.0	04/15/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	16984-48-8	Fluoride	SOIL	LA-533-410	U	< 1.15	mg/kg	50.00	1.2	03/28/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	16887-00-6	Chloride	SOIL	LA-533-410	U	< 2.60	mg/kg	50.00	2.6	03/28/05	03/18/05	03/22/05

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050001033	B1CHC9	GRP	TRENT	14808-79-8	Sulfate	SOIL	LA-533-410	U	< 5.00	mg/kg	50.00	5.0	03/28/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7439-96-5	Manganese	SOIL	LA-505-411		434	mg/kg	99.34	0.099	03/30/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7439-93-2	Lithium	SOIL	LA-505-411		6.96	mg/kg	99.34	0.099	03/30/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7440-42-8	Boron	SOIL	LA-505-411	U	< 2.58	mg/kg	99.34	2.6	03/30/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7440-02-0	Nickel	SOIL	LA-505-412		11.2	mg/kg	9.69	0.97	03/30/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7440-22-4	Silver	SOIL	LA-505-412	U	< 0.969	mg/kg	9.69	0.97	03/30/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7440-36-0	Antimony	SOIL	LA-505-412	U	< 9.69	mg/kg	9.69	9.7	03/30/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7440-39-3	Barium	SOIL	LA-505-412		96.1	mg/kg	9.69	39	03/30/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7440-41-7	Beryllium	SOIL	LA-505-412	U	< 0.969	mg/kg	9.69	0.97	03/30/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7440-43-9	Cadmium	SOIL	LA-505-412	U	< 0.969	mg/kg	9.69	0.97	03/30/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7440-47-3	Chromium	SOIL	LA-505-412	U	< 38.8	mg/kg	9.69	39	03/30/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7440-48-4	Cobalt	SOIL	LA-505-412		10.3	mg/kg	9.69	0.097	03/30/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7440-50-8	Copper	SOIL	LA-505-412	U	< 19.4	mg/kg	9.69	19	03/30/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7440-62-2	Vanadium	SOIL	LA-505-412		50.3	mg/kg	9.69	1.9	03/30/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7440-66-6	Zinc	SOIL	LA-505-412		54.8	mg/kg	9.69	39	03/30/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7439-92-1	Lead	SOIL	LA-505-412		6.28	mg/kg	9.69	1.9	03/30/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7439-97-6	Mercury	SOIL	LA-505-412	U	< 0.969	mg/kg	9.69	0.97	03/30/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7439-98-7	Molybdenum	SOIL	LA-505-412	U	< 2.91	mg/kg	9.69	2.9	03/30/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7440-61-1	Uranium	SOIL	LA-505-412	U	< 0.969	mg/kg	9.69	0.97	03/30/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7440-38-2	Arsenic	SOIL	LA-505-412	U	< 3.88	mg/kg	9.69	3.9	03/30/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7782-49-2	Selenium	SOIL	LA-505-412	U	< 3.88	mg/kg	9.69	3.9	03/30/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7440-28-0	Thallium	SOIL	LA-505-412		0.445	mg/kg	9.69	0.097	03/30/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	7440-31-5	Tin	SOIL	LA-505-412	U	< 9.69	mg/kg	9.69	9.7	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	TS	Total solids	SOIL	LA-519-412		94.5	%	1.00	0.0	04/15/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	16984-48-8	Fluoride	SOIL	LA-533-410	U	< 1.15	mg/kg	50.00	1.2	03/28/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	16887-00-6	Chloride	SOIL	LA-533-410	B	3.12	mg/kg	50.00	2.6	03/28/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	14808-79-8	Sulfate	SOIL	LA-533-410	B	10.5	mg/kg	50.00	5.0	03/28/05	03/18/05	03/22/05

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ		Result	Unit	DF	MDL	Analyze	Sample	Receive
W050001034	B1CHD0	GRP	TRENT	7439-96-5	Manganese	SOIL	LA-505-411			407	mg/kg	96.34	0.096	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	7439-93-2	Lithium	SOIL	LA-505-411			7.37	mg/kg	96.34	0.096	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	7440-42-8	Boron	SOIL	LA-505-411	U	<	2.50	mg/kg	96.34	2.5	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	7440-02-0	Nickel	SOIL	LA-505-412			10.4	mg/kg	9.87	0.99	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	7440-22-4	Silver	SOIL	LA-505-412	U	<	0.987	mg/kg	9.87	0.99	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	7440-36-0	Antimony	SOIL	LA-505-412	U	<	9.87	mg/kg	9.87	9.9	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	7440-39-3	Barium	SOIL	LA-505-412			104	mg/kg	9.87	40	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	7440-41-7	Beryllium	SOIL	LA-505-412	U	<	0.987	mg/kg	9.87	0.99	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	7440-43-9	Cadmium	SOIL	LA-505-412	U	<	0.987	mg/kg	9.87	0.99	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	7440-47-3	Chromium	SOIL	LA-505-412	U	<	39.5	mg/kg	9.87	40	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	7440-48-4	Cobalt	SOIL	LA-505-412			10.1	mg/kg	9.87	0.099	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	7440-50-8	Copper	SOIL	LA-505-412	U	<	19.7	mg/kg	9.87	20	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	7440-62-2	Vanadium	SOIL	LA-505-412			51.4	mg/kg	9.87	2.0	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	7440-66-6	Zinc	SOIL	LA-505-412			70.3	mg/kg	9.87	40	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	7439-92-1	Lead	SOIL	LA-505-412			5.84	mg/kg	9.87	2.0	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	7439-97-6	Mercury	SOIL	LA-505-412	U	<	0.987	mg/kg	9.87	0.99	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	7439-98-7	Molybdenum	SOIL	LA-505-412	U	<	2.96	mg/kg	9.87	3.0	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	7440-61-1	Uranium	SOIL	LA-505-412			1.19	mg/kg	9.87	0.99	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	7440-38-2	Arsenic	SOIL	LA 505-412			9.29	mg/kg	9.87	4.0	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	7782-49-2	Selenium	SOIL	LA-505-412			14.6	mg/kg	9.87	4.0	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	7440-28-0	Thallium	SOIL	LA-505-412			0.357	mg/kg	9.87	0.099	03/30/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	7440-31-5	Tin	SOIL	LA-505-412	U	<	9.87	mg/kg	9.87	9.9	03/30/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	TS	Total solids	SOIL	LA-519-412			95.4	%	1.00	0.0	04/15/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	16984-48-8	Fluoride	SOIL	LA-533-410	U	<	1.15	mg/kg	50.00	1.2	03/28/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	16887-00-6	Chloride	SOIL	LA-533-410	U	<	2.60	mg/kg	50.00	2.6	03/28/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	14808-79-8	Sulfate	SOIL	LA-533-410	U	<	5.00	mg/kg	50.00	5.0	03/28/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	7439-96-5	Manganese	SOIL	LA-505-411			312	mg/kg	98.48	0.098	03/30/05	03/18/05	03/22/05

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ		Result	Unit	DF	MDL	Analyze	Sample	Receive
W050001035	B1CHD1	GRP	TRENT	7439-93-2	Lithium	SOIL	LA-505-411			7.51	mg/kg	98.48	0.098	03/30/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	7440-42-8	Boron	SOIL	LA-505-411	U	<	2.56	mg/kg	98.48	2.6	03/30/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	7440-02-0	Nickel	SOIL	LA-505-412			9.36	mg/kg	9.94	0.99	03/30/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	7440-22-4	Silver	SOIL	LA-505-412	U	<	0.994	mg/kg	9.94	0.99	03/30/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	7440-36-0	Antimony	SOIL	LA-505-412	U	<	9.94	mg/kg	9.94	9.9	03/30/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	7440-39-3	Barium	SOIL	LA-505-412			72.0	mg/kg	9.94	40	03/30/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	7440-41-7	Beryllium	SOIL	LA-505-412	U	<	0.994	mg/kg	9.94	0.99	03/30/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	7440-43-9	Cadmium	SOIL	LA-505-412	U	<	0.994	mg/kg	9.94	0.99	03/30/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	7440-47-3	Chromium	SOIL	LA-505-412	U	<	39.8	mg/kg	9.94	40	03/30/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	7440-48-4	Cobalt	SOIL	LA-505-412			6.44	mg/kg	9.94	0.099	03/30/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	7440-50-8	Copper	SOIL	LA-505-412	U	<	19.9	mg/kg	9.94	20	03/30/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	7440-62-2	Vanadium	SOIL	LA-505-412			35.4	mg/kg	9.94	2.0	03/30/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	7440-66-6	Zinc	SOIL	LA-505-412			42.9	mg/kg	9.94	40	03/30/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	7439-92-1	Lead	SOIL	LA-505-412			3.77	mg/kg	9.94	2.0	03/30/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	7439-97-6	Mercury	SOIL	LA-505-412	U	<	0.994	mg/kg	9.94	0.99	03/30/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	7439-98-7	Molybdenum	SOIL	LA-505-412	U	<	2.98	mg/kg	9.94	3.0	03/30/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	7440-61-1	Uranium	SOIL	LA-505-412	U	<	0.994	mg/kg	9.94	0.99	03/30/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	7440-38-2	Arsenic	SOIL	LA-505-412	U	<	3.98	mg/kg	9.94	4.0	03/30/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	7782-49-2	Selenium	SOIL	LA-505-412	U	<	3.98	mg/kg	9.94	4.0	03/30/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	7440-28-0	Thallium	SOIL	LA-505-412			0.292	mg/kg	9.94	0.099	03/30/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	7440-31-5	Tin	SOIL	LA-505-412	U	<	9.94	mg/kg	9.94	9.9	03/30/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	TS	Total solids	SOIL	LA-519-412			95.8	%	1.00	0.0	04/15/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	16984-48-8	Fluoride	SOIL	LA-533-410	U	<	1.15	mg/kg	50.00	1.2	03/28/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	16887-00-6	Chloride	SOIL	LA-533-410	U	<	2.60	mg/kg	50.00	2.6	03/28/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	14808-79-8	Sulfate	SOIL	LA-533-410	B		18.5	mg/kg	50.00	5.0	03/28/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	7439-96-5	Manganese	SOIL	LA-505-411			377	mg/kg	99.11	0.099	03/30/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	7439-93-2	Lithium	SOIL	LA-505-411			6.10	mg/kg	99.11	0.099	03/30/05	03/18/05	03/22/05

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: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ		Result	Unit	DF	MDL	Analyze	Sample	Receive
W050001036	B1CHD2	GRP	TRENT	7440-42-8	Boron	SOIL	LA-505-411	U	<	2.58	mg/kg	99.11	2.6	03/30/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	7440-02-0	Nickel	SOIL	LA-505-412			9.58	mg/kg	9.52	0.95	03/30/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	7440-22-4	Silver	SOIL	LA-505-412	U	<	0.952	mg/kg	9.52	0.95	03/30/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	7440-36-0	Antimony	SOIL	LA-505-412	U	<	9.52	mg/kg	9.52	9.5	03/30/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	7440-39-3	Barium	SOIL	LA-505-412			74.4	mg/kg	9.52	38	03/30/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	7440-41-7	Beryllium	SOIL	LA-505-412	U	<	0.952	mg/kg	9.52	0.95	03/30/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	7440-43-9	Cadmium	SOIL	LA-505-412	U	<	0.952	mg/kg	9.52	0.95	03/30/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	7440-47-3	Chromium	SOIL	LA-505-412	U	<	38.1	mg/kg	9.52	38	03/30/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	7440-48-4	Cobalt	SOIL	LA-505-412			7.49	mg/kg	9.52	0.095	03/30/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	7440-50-8	Copper	SOIL	LA-505-412	U	<	19.0	mg/kg	9.52	19	03/30/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	7440-62-2	Vanadium	SOIL	LA-505-412			43.8	mg/kg	9.52	1.9	03/30/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	7440-66-6	Zinc	SOIL	LA-505-412			54.1	mg/kg	9.52	38	03/30/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	7439-92-1	Lead	SOIL	LA-505-412			4.09	mg/kg	9.52	1.9	03/30/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	7439-97-6	Mercury	SOIL	LA-505-412	U	<	0.952	mg/kg	9.52	0.95	03/30/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	7439-98-7	Molybdenum	SOIL	LA-505-412	U	<	2.86	mg/kg	9.52	2.9	03/30/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	7440-61-1	Uranium	SOIL	LA-505-412	U	<	0.952	mg/kg	9.52	0.95	03/30/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	7440-38-2	Arsenic	SOIL	LA-505-412	U	<	3.81	mg/kg	9.52	3.8	03/30/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	7782-49-2	Selenium	SOIL	LA-505-412	U	<	3.81	mg/kg	9.52	3.8	03/30/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	7440-28-0	Thallium	SOIL	LA-505-412			0.250	mg/kg	9.52	0.095	03/30/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	7440-31-5	Tin	SOIL	LA-505-412	U	<	9.52	mg/kg	9.52	9.5	03/30/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	TS	Total solids	SOIL	LA-519-412			94.7	%	1.00	0.0	04/15/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	16984-48-8	Fluoride	SOIL	LA-533-410	U	<	1.15	mg/kg	50.00	1.2	03/28/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	16887-00-6	Chloride	SOIL	LA-533-410	U	<	2.60	mg/kg	50.00	2.6	03/28/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	14808-79-8	Sulfate	SOIL	LA-533-410	U	<	5.00	mg/kg	50.00	5.0	03/28/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	7439-96-5	Manganese	SOIL	LA-505-411			391	mg/kg	96.66	0.097	03/30/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	7439-93-2	Lithium	SOIL	LA-505-411			7.33	mg/kg	96.66	0.097	03/30/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	7440-42-8	Boron	SOIL	LA-505-411	U	<	2.51	mg/kg	96.66	2.5	03/30/05	03/18/05	03/22/05

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ		Result	Unit	DF	MDL	Analyze	Sample	Receive
W050001037	B1CHD3	GRP	TRENT	7440-02-0	Nickel	SOIL	LA-505-412			11.0	mg/kg	9.87	0.99	03/30/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	7440-22-4	Silver	SOIL	LA-505-412	U	<	0.987	mg/kg	9.87	0.99	03/30/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	7440-36-0	Antimony	SOIL	LA-505-412	U	<	9.87	mg/kg	9.87	9.9	03/30/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	7440-39-3	Barium	SOIL	LA-505-412			95.7	mg/kg	9.87	40	03/30/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	7440-41-7	Beryllium	SOIL	LA-505-412	U	<	0.987	mg/kg	9.87	0.99	03/30/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	7440-43-9	Cadmium	SOIL	LA-505-412	U	<	0.987	mg/kg	9.87	0.99	03/30/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	7440-47-3	Chromium	SOIL	LA-505-412	U	<	39.5	mg/kg	9.87	40	03/30/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	7440-48-4	Cobalt	SOIL	LA-505-412			9.47	mg/kg	9.87	0.099	03/30/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	7440-50-8	Copper	SOIL	LA-505-412	U	<	19.7	mg/kg	9.87	20	03/30/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	7440-62-2	Vanadium	SOIL	LA-505-412			47.1	mg/kg	9.87	2.0	03/30/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	7440-66-6	Zinc	SOIL	LA-505-412			52.3	mg/kg	9.87	40	03/30/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	7439-92-1	Lead	SOIL	LA-505-412			4.95	mg/kg	9.87	2.0	03/30/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	7439-97-6	Mercury	SOIL	LA-505-412	U	<	0.987	mg/kg	9.87	0.99	03/30/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	7439-98-7	Molybdenum	SOIL	LA-505-412	U	<	2.96	mg/kg	9.87	3.0	03/30/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	7440-61-1	Uranium	SOIL	LA-505-412	U	<	0.987	mg/kg	9.87	0.99	03/30/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	7440-38-2	Arsenic	SOIL	LA-505-412	U	<	3.95	mg/kg	9.87	4.0	03/30/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	7782-49-2	Selenium	SOIL	LA-505-412	U	<	3.95	mg/kg	9.87	4.0	03/30/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	7440-28-0	Thallium	SOIL	LA-505-412			0.271	mg/kg	9.87	0.099	03/30/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	7440-31-5	Tin	SOIL	LA-505-412	U	<	9.87	mg/kg	9.87	9.9	03/30/05	03/18/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	TS	Total solids	SOIL	LA-519-412			93.5	%	1.00	0.0	04/15/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	16984-48-8	Fluoride	SOIL	LA-533-410	U	<	1.15	mg/kg	50.00	1.2	03/29/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	16887-00-6	Chloride	SOIL	LA-533-410	U	<	2.60	mg/kg	50.00	2.6	03/29/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	14808-79-8	Sulfate	SOIL	LA-533-410	U	<	5.00	mg/kg	50.00	5.0	03/29/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	7439-96-5	Manganese	SOIL	LA-505-411			390	mg/kg	95.62	0.096	03/30/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	7439-93-2	Lithium	SOIL	LA-505-411			6.78	mg/kg	95.62	0.096	03/30/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	7440-42-8	Boron	SOIL	LA-505-411	U	<	2.49	mg/kg	95.62	2.5	03/30/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	7440-02-0	Nickel	SOIL	LA-505-412			10.4	mg/kg	9.91	0.99	03/30/05	03/11/05	03/22/05

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ		Result	Unit	DF	MDL	Analyze	Sample	Receive
W050001038	B1CHD4	GRP	TRENT	7440-22-4	Silver	SOIL	LA-505-412	U	<	0.991	mg/kg	9.91	0.99	03/30/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	7440-36-0	Antimony	SOIL	LA-505-412	U	<	9.91	mg/kg	9.91	9.9	03/30/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	7440-39-3	Barium	SOIL	LA-505-412			92.0	mg/kg	9.91	40	03/30/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	7440-41-7	Beryllium	SOIL	LA-505-412	U	<	0.991	mg/kg	9.91	0.99	03/30/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	7440-43-9	Cadmium	SOIL	LA-505-412	U	<	0.991	mg/kg	9.91	0.99	03/30/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	7440-47-3	Chromium	SOIL	LA-505-412	U	<	39.6	mg/kg	9.91	40	03/30/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	7440-48-4	Cobalt	SOIL	LA-505-412			8.65	mg/kg	9.91	0.099	03/30/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	7440-50-8	Copper	SOIL	LA-505-412	U	<	19.8	mg/kg	9.91	20	03/30/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	7440-62-2	Vanadium	SOIL	LA-505-412			41.7	mg/kg	9.91	2.0	03/30/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	7440-66-6	Zinc	SOIL	LA-505-412			51.3	mg/kg	9.91	40	03/30/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	7439-92-1	Lead	SOIL	LA-505-412			5.05	mg/kg	9.91	2.0	03/30/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	7439-97-6	Mercury	SOIL	LA-505-412	U	<	0.991	mg/kg	9.91	0.99	03/30/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	7439-98-7	Molybdenum	SOIL	LA-505-412	U	<	2.97	mg/kg	9.91	3.0	03/30/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	7440-61-1	Uranium	SOIL	LA-505-412	U	<	0.991	mg/kg	9.91	0.99	03/30/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	7440-38-2	Arsenic	SOIL	LA-505-412	U	<	3.96	mg/kg	9.91	4.0	03/30/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	7782-49-2	Selenium	SOIL	LA-505-412	U	<	3.96	mg/kg	9.91	4.0	03/30/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	7440-28-0	Thallium	SOIL	LA-505-412			0.268	mg/kg	9.91	0.099	03/30/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	7440-31-5	Tin	SOIL	LA-505-412	U	<	9.91	mg/kg	9.91	9.9	03/30/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	TS	Total solids	SOIL	LA-519-412			95.8	%	1.00	0.0	04/15/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	16984-48-8	Fluoride	SOIL	LA-533-410	U	<	1.15	mg/kg	50.00	1.2	03/29/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	16887-00-6	Chloride	SOIL	LA-533-410	U	<	2.60	mg/kg	50.00	2.6	03/29/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	14808-79-8	Sulfate	SOIL	LA-533-410	U	<	5.00	mg/kg	50.00	5.0	03/29/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	7439-96-5	Manganese	SOIL	LA-505-411			430	mg/kg	98.91	0.099	03/30/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	7439-93-2	Lithium	SOIL	LA-505-411			6.34	mg/kg	98.91	0.099	03/30/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	7440-42-8	Boron	SOIL	LA-505-411	U	<	2.57	mg/kg	98.91	2.6	03/30/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	7440-02-0	Nickel	SOIL	LA-505-412			8.71	mg/kg	5.00	0.50	04/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	7440-22-4	Silver	SOIL	LA-505-412	U	<	0.500	mg/kg	5.00	0.50	04/28/05	03/11/05	03/22/05

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050001039	B1CHD5	GRP	TRENT	7440-36-0	Antimony	SOIL	LA-505-412	U	< 5.00	mg/kg	5.00	5.0	04/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	7440-39-3	Barium	SOIL	LA-505-412		81.2	mg/kg	5.00	20	04/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	7440-41-7	Beryllium	SOIL	LA-505-412	U	< 0.500	mg/kg	5.00	0.50	04/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	7440-43-9	Cadmium	SOIL	LA-505-412	U	< 0.500	mg/kg	5.00	0.50	04/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	7440-47-3	Chromium	SOIL	LA-505-412	U	< 20.0	mg/kg	5.00	20	04/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	7440-48-4	Cobalt	SOIL	LA-505-412		7.70	mg/kg	5.00	0.050	04/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	7440-50-8	Copper	SOIL	LA-505-412		12.4	mg/kg	5.00	10	04/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	7440-62-2	Vanadium	SOIL	LA-505-412		53.3	mg/kg	5.00	1.0	04/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	7440-66-6	Zinc	SOIL	LA-505-412		52.1	mg/kg	5.00	20	04/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	7439-92-1	Lead	SOIL	LA-505-412		5.03	mg/kg	5.00	1.0	04/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	7439-97-6	Mercury	SOIL	LA-505-412	U	< 0.500	mg/kg	5.00	0.50	04/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	7439-98-7	Molybdenum	SOIL	LA-505-412	U	< 1.50	mg/kg	5.00	1.5	04/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	7440-61-1	Uranium	SOIL	LA-505-412	U	< 0.500	mg/kg	5.00	0.50	04/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	7440-38-2	Arsenic	SOIL	LA-505-412		2.43	mg/kg	5.00	2.0	04/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	7782-49-2	Selenium	SOIL	LA-505-412		3.83	mg/kg	5.00	2.0	04/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	7440-28-0	Thallium	SOIL	LA-505-412		0.290	mg/kg	5.00	0.050	04/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	7440-31-5	Tin	SOIL	LA-505-412	U	< 5.00	mg/kg	5.00	5.0	04/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	TS	Total solids	SOIL	LA-519-412		98.2	%	1.00	0.0	04/15/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	16984-48-8	Fluoride	SOIL	LA-533-410	U	< 1.15	mg/kg	50.00	1.2	03/29/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	16887-00-6	Chloride	SOIL	LA-533-410	U	< 2.60	mg/kg	50.00	2.6	03/29/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	14808-79-8	Sulfate	SOIL	LA-533-410		38.0	mg/kg	50.00	5.0	03/29/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	7439-96-5	Manganese	SOIL	LA-505-411		338	mg/kg	99.40	0.099	03/30/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	7439-93-2	Lithium	SOIL	LA-505-411		5.12	mg/kg	99.40	0.099	03/30/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	7440-42-8	Boron	SOIL	LA-505-411	U	< 2.58	mg/kg	99.40	2.6	03/30/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	7440-02-0	Nickel	SOIL	LA-505-412		8.94	mg/kg	4.89	0.49	04/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	7440-22-4	Silver	SOIL	LA-505-412	U	< 0.489	mg/kg	4.89	0.49	04/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	7440-36-0	Antimony	SOIL	LA-505-412	U	< 4.89	mg/kg	4.89	4.9	04/28/05	03/11/05	03/22/05

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

Attention: Steve Trent
Project: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ		Result	Unit	DF	MDL	Analyze	Sample	Receive
W050001040	B1CHH3	GRP	TRENT	7440-39-3	Barium	SOIL	LA-505-412			79.5	mg/kg	4.89	20	04/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	7440-41-7	Beryllium	SOIL	LA-505-412	U	<	0.489	mg/kg	4.89	0.49	04/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	7440-43-9	Cadmium	SOIL	LA-505-412	U	<	0.489	mg/kg	4.89	0.49	04/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	7440-47-3	Chromium	SOIL	LA-505-412	U	<	19.6	mg/kg	4.89	20	04/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	7440-48-4	Cobalt	SOIL	LA-505-412			8.04	mg/kg	4.89	0.049	04/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	7440-50-8	Copper	SOIL	LA-505-412			10.4	mg/kg	4.89	9.8	04/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	7440-62-2	Vanadium	SOIL	LA-505-412			59.9	mg/kg	4.89	0.98	04/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	7440-66-6	Zinc	SOIL	LA-505-412			44.8	mg/kg	4.89	20	04/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	7439-92-1	Lead	SOIL	LA-505-412			3.02	mg/kg	4.89	0.98	04/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	7439-97-6	Mercury	SOIL	LA-505-412	U	<	0.489	mg/kg	4.89	0.49	04/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	7439-98-7	Molybdenum	SOIL	LA-505-412	U	<	1.47	mg/kg	4.89	1.5	04/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	7440-61-1	Uranium	SOIL	LA-505-412	U	<	0.489	mg/kg	4.89	0.49	04/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	7440-38-2	Arsenic	SOIL	LA-505-412	U	<	1.96	mg/kg	4.89	2.0	04/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	7782-49-2	Selenium	SOIL	LA-505-412			3.99	mg/kg	4.89	2.0	04/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	7440-28-0	Thallium	SOIL	LA-505-412			0.126	mg/kg	4.89	0.049	04/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	7440-31-5	Tin	SOIL	LA-505-412	U	<	4.89	mg/kg	4.89	4.9	04/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	TS	Total solids	SOIL	LA-519-412			96.5	%	1.00	0.0	04/15/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	16984-48-8	Fluoride	SOIL	LA-533-410	U	<	1.15	mg/kg	50.00	1.2	03/29/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	16887-00-6	Chloride	SOIL	LA-533-410	U	<	2.60	mg/kg	50.00	2.6	03/29/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	14808-79-8	Sulfate	SOIL	LA-533-410	U	<	5.00	mg/kg	50.00	5.0	03/29/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	7439-96-5	Manganese	SOIL	LA-505-411			429	mg/kg	95.75	0.096	03/30/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	7439-93-2	Lithium	SOIL	LA-505-411			5.47	mg/kg	95.75	0.096	03/30/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	7440-42-8	Boron	SOIL	LA-505-411	U	<	2.49	mg/kg	95.75	2.5	03/30/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	7440-02-0	Nickel	SOIL	LA-505-412			34.6	mg/kg	5.00	0.50	04/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	7440-22-4	Silver	SOIL	LA-505-412	U	<	0.500	mg/kg	5.00	0.50	04/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	7440-36-0	Antimony	SOIL	LA-505-412	U	<	5.00	mg/kg	5.00	5.0	04/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	7440-39-3	Barium	SOIL	LA-505-412			78.8	mg/kg	5.00	20	04/28/05	03/11/05	03/22/05

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050001041	B1CHD6	GRP	TRENT	7440-41-7	Beryllium	SOIL	LA-505-412	U	< 0.500	mg/kg	5.00	0.50	04/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	7440-43-9	Cadmium	SOIL	LA-505-412	U	< 0.500	mg/kg	5.00	0.50	04/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	7440-47-3	Chromium	SOIL	LA-505-412	U	< 20.0	mg/kg	5.00	20	04/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	7440-48-4	Cobalt	SOIL	LA-505-412		8.32	mg/kg	5.00	0.050	04/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	7440-50-8	Copper	SOIL	LA-505-412		11.4	mg/kg	5.00	10	04/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	7440-62-2	Vanadium	SOIL	LA-505-412		57.1	mg/kg	5.00	1.0	04/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	7440-66-6	Zinc	SOIL	LA-505-412		48.9	mg/kg	5.00	20	04/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	7439-92-1	Lead	SOIL	LA-505-412		3.53	mg/kg	5.00	1.0	04/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	7439-97-6	Mercury	SOIL	LA-505-412	U	< 0.500	mg/kg	5.00	0.50	04/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	7439-98-7	Molybdenum	SOIL	LA-505-412	U	< 1.50	mg/kg	5.00	1.5	04/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	7440-61-1	Uranium	SOIL	LA-505-412	U	< 0.500	mg/kg	5.00	0.50	04/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	7440-38-2	Arsenic	SOIL	LA-505-412		2.64	mg/kg	5.00	2.0	04/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	7782-49-2	Selenium	SOIL	LA-505-412		4.21	mg/kg	5.00	2.0	04/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	7440-28-0	Thallium	SOIL	LA-505-412		0.148	mg/kg	5.00	0.050	04/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	7440-31-5	Tin	SOIL	LA-505-412	U	< 5.00	mg/kg	5.00	5.0	04/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	TS	Total solids	SOIL	LA-519-412		98.3	%	1.00	0.0	04/15/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	16984-48-8	Fluoride	SOIL	LA-533-410	U	< 1.15	mg/kg	50.00	1.2	03/29/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	16887-00-6	Chloride	SOIL	LA-533-410	U	< 2.60	mg/kg	50.00	2.6	03/29/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	14808-79-8	Sulfate	SOIL	LA-533-410	U	< 5.00	mg/kg	50.00	5.0	03/29/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	7439-96-5	Manganese	SOIL	LA-505-411		334	mg/kg	99.78	0.10	03/30/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	7439-93-2	Lithium	SOIL	LA-505-411		5.00	mg/kg	99.78	0.10	03/30/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	7440-42-8	Boron	SOIL	LA-505-411	U	< 2.59	mg/kg	99.78	2.6	03/30/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	7440-02-0	Nickel	SOIL	LA-505-412		8.28	mg/kg	4.93	0.49	04/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	7440-22-4	Silver	SOIL	LA-505-412	U	< 0.493	mg/kg	4.93	0.49	04/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	7440-36-0	Antimony	SOIL	LA-505-412	U	< 4.93	mg/kg	4.93	4.9	04/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	7440-39-3	Barium	SOIL	LA-505-412		72.0	mg/kg	4.93	20	04/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	7440-41-7	Beryllium	SOIL	LA-505-412	U	< 0.493	mg/kg	4.93	0.49	04/28/05	03/11/05	03/22/05

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050001042	B1CHH4	GRP	TRENT	7440-43-9	Cadmium	SOIL	LA-505-412	U	< 0.493	mg/kg	4.93	0.49	04/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	7440-47-3	Chromium	SOIL	LA-505-412	U	< 19.7	mg/kg	4.93	20	04/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	7440-48-4	Cobalt	SOIL	LA-505-412		8.74	mg/kg	4.93	0.049	04/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	7440-50-8	Copper	SOIL	LA-505-412		11.4	mg/kg	4.93	9.9	04/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	7440-62-2	Vanadium	SOIL	LA-505-412		62.0	mg/kg	4.93	0.99	04/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	7440-66-6	Zinc	SOIL	LA-505-412		50.3	mg/kg	4.93	20	04/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	7439-92-1	Lead	SOIL	LA-505-412		3.27	mg/kg	4.93	0.99	04/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	7439-97-6	Mercury	SOIL	LA-505-412	U	< 0.493	mg/kg	4.93	0.49	04/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	7439-98-7	Molybdenum	SOIL	LA-505-412	U	< 1.48	mg/kg	4.93	1.5	04/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	7440-61-1	Uranium	SOIL	LA-505-412	U	< 0.493	mg/kg	4.93	0.49	04/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	7440-38-2	Arsenic	SOIL	LA-505-412	U	< 1.97	mg/kg	4.93	2.0	04/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	7782-49-2	Selenium	SOIL	LA-505-412		3.24	mg/kg	4.93	2.0	04/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	7440-28-0	Thallium	SOIL	LA-505-412		0.0527	mg/kg	4.93	0.049	04/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	7440-31-5	Tin	SOIL	LA-505-412	U	< 4.93	mg/kg	4.93	4.9	04/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	TS	Total solids	SOIL	LA-519-412		95.0	%	1.00	0.0	04/15/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	16984-48-8	Fluoride	SOIL	LA-533-410	U	< 1.15	mg/kg	50.00	1.2	03/29/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	16887-00-6	Chloride	SOIL	LA-533-410	U	< 2.60	mg/kg	50.00	2.6	03/29/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	14808-79-8	Sulfate	SOIL	LA-533-410	U	< 5.00	mg/kg	50.00	5.0	03/29/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	7439-96-5	Manganese	SOIL	LA-505-411		389	mg/kg	96.64	0.097	03/30/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	7439-93-2	Lithium	SOIL	LA-505-411		8.10	mg/kg	96.64	0.097	03/30/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	7440-42-8	Boron	SOIL	LA-505-411	U	< 2.51	mg/kg	96.64	2.5	03/30/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	7440-02-0	Nickel	SOIL	LA-505-412		9.24	mg/kg	4.74	0.47	04/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	7440-22-4	Silver	SOIL	LA-505-412	U	< 0.474	mg/kg	4.74	0.47	04/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	7440-36-0	Antimony	SOIL	LA-505-412	U	< 4.74	mg/kg	4.74	4.7	04/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	7440-39-3	Barium	SOIL	LA-505-412		84.7	mg/kg	4.74	19	04/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	7440-41-7	Beryllium	SOIL	LA-505-412	U	< 0.474	mg/kg	4.74	0.47	04/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	7440-43-9	Cadmium	SOIL	LA-505-412	U	< 0.474	mg/kg	4.74	0.47	04/28/05	03/11/05	03/22/05

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050001043	B1CHD7	GRP	TRENT	7440-47-3	Chromium	SOIL	LA-505-412	U	< 19.0	mg/kg	4.74	19	04/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	7440-48-4	Cobalt	SOIL	LA-505-412		8.09	mg/kg	4.74	0.047	04/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	7440-50-8	Copper	SOIL	LA-505-412		11.7	mg/kg	4.74	9.5	04/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	7440-62-2	Vanadium	SOIL	LA-505-412		55.4	mg/kg	4.74	0.95	04/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	7440-66-6	Zinc	SOIL	LA-505-412		52.1	mg/kg	4.74	19	04/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	7439-92-1	Lead	SOIL	LA-505-412		3.67	mg/kg	4.74	0.95	04/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	7439-97-6	Mercury	SOIL	LA-505-412	U	< 0.474	mg/kg	4.74	0.47	04/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	7439-98-7	Molybdenum	SOIL	LA-505-412	U	< 1.42	mg/kg	4.74	1.4	04/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	7440-61-1	Uranium	SOIL	LA-505-412	U	< 0.474	mg/kg	4.74	0.47	04/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	7440-38-2	Arsenic	SOIL	LA-505-412		2.65	mg/kg	4.74	1.9	04/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	7782-49-2	Selenium	SOIL	LA-505-412		4.00	mg/kg	4.74	1.9	04/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	7440-28-0	Thallium	SOIL	LA-505-412		0.0921	mg/kg	4.74	0.047	04/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	7440-31-5	Tin	SOIL	LA-505-412	U	< 4.74	mg/kg	4.74	4.7	04/28/05	03/11/05	03/22/05
W050001044	B1CHH5	GRP	TRENT	TS	Total solids	SOIL	LA-519-412		97.9	%	1.00	0.0	04/15/05	03/11/05	03/22/05
W050001044	B1CHH5	GRP	TRENT	16984-48-8	Fluoride	SOIL	LA-533-410	U	< 1.15	mg/kg	50.00	1.2	03/29/05	03/11/05	03/22/05
W050001044	B1CHH5	GRP	TRENT	16887-00-6	Chloride	SOIL	LA-533-410	U	< 2.60	mg/kg	50.00	2.6	03/29/05	03/11/05	03/22/05
W050001044	B1CHH5	GRP	TRENT	14808-79-8	Sulfate	SOIL	LA-533-410	U	< 5.00	mg/kg	50.00	5.0	03/29/05	03/11/05	03/22/05
W050001044	B1CHH5	GRP	TRENT	7439-96-5	Manganese	SOIL	LA-505-411		349	mg/kg	97.37	0.097	03/30/05	03/11/05	03/22/05
W050001044	B1CHH5	GRP	TRENT	7439-93-2	Lithium	SOIL	LA-505-411		6.24	mg/kg	97.37	0.097	03/30/05	03/11/05	03/22/05
W050001044	B1CHH5	GRP	TRENT	7440-42-8	Boron	SOIL	LA-505-411	U	< 2.53	mg/kg	97.37	2.5	03/30/05	03/11/05	03/22/05
W050001044	B1CHH5	GRP	TRENT	7440-02-0	Nickel	SOIL	LA-505-412		9.52	mg/kg	4.74	0.47	04/28/05	03/11/05	03/22/05
W050001044	B1CHH5	GRP	TRENT	7440-22-4	Silver	SOIL	LA-505-412	U	< 0.474	mg/kg	4.74	0.47	04/28/05	03/11/05	03/22/05
W050001044	B1CHH5	GRP	TRENT	7440-36-0	Antimony	SOIL	LA-505-412	U	< 4.74	mg/kg	4.74	4.7	04/28/05	03/11/05	03/22/05
W050001044	B1CHH5	GRP	TRENT	7440-39-3	Barium	SOIL	LA-505-412		106	mg/kg	4.74	19	04/28/05	03/11/05	03/22/05
W050001044	B1CHH5	GRP	TRENT	7440-41-7	Beryllium	SOIL	LA-505-412	U	< 0.474	mg/kg	4.74	0.47	04/28/05	03/11/05	03/22/05
W050001044	B1CHH5	GRP	TRENT	7440-43-9	Cadmium	SOIL	LA-505-412	U	< 0.474	mg/kg	4.74	0.47	04/28/05	03/11/05	03/22/05
W050001044	B1CHH5	GRP	TRENT	7440-47-3	Chromium	SOIL	LA-505-412	U	< 19.0	mg/kg	4.74	19	04/28/05	03/11/05	03/22/05

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: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID	CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050001044	B1CHH5 GRP TRENT	7440-48-4	Cobalt	SOIL	LA-505-412		8.40	mg/kg	4.74	0.047	04/28/05	03/11/05	03/22/05
W050001044	B1CHH5 GRP TRENT	7440-50-8	Copper	SOIL	LA-505-412		15.1	mg/kg	4.74	9.5	04/28/05	03/11/05	03/22/05
W050001044	B1CHH5 GRP TRENT	7440-62-2	Vanadium	SOIL	LA-505-412		51.7	mg/kg	4.74	0.95	04/28/05	03/11/05	03/22/05
W050001044	B1CHH5 GRP TRENT	7440-66-6	Zinc	SOIL	LA-505-412		48.9	mg/kg	4.74	19	04/28/05	03/11/05	03/22/05
W050001044	B1CHH5 GRP TRENT	7439-92-1	Lead	SOIL	LA-505-412		3.85	mg/kg	4.74	0.95	04/28/05	03/11/05	03/22/05
W050001044	B1CHH5 GRP TRENT	7439-97-6	Mercury	SOIL	LA-505-412	U	< 0.474	mg/kg	4.74	0.47	04/28/05	03/11/05	03/22/05
W050001044	B1CHH5 GRP TRENT	7439-98-7	Molybdenum	SOIL	LA-505-412	U	< 1.42	mg/kg	4.74	1.4	04/28/05	03/11/05	03/22/05
W050001044	B1CHH5 GRP TRENT	7440-61-1	Uranium	SOIL	LA-505-412	U	< 0.474	mg/kg	4.74	0.47	04/28/05	03/11/05	03/22/05
W050001044	B1CHH5 GRP TRENT	7440-38-2	Arsenic	SOIL	LA-505-412		2.66	mg/kg	4.74	1.9	04/28/05	03/11/05	03/22/05
W050001044	B1CHH5 GRP TRENT	7782-49-2	Selenium	SOIL	LA-505-412		4.17	mg/kg	4.74	1.9	04/28/05	03/11/05	03/22/05
W050001044	B1CHH5 GRP TRENT	7440-28-0	Thallium	SOIL	LA-505-412		0.0542	mg/kg	4.74	0.047	04/28/05	03/11/05	03/22/05
W050001044	B1CHH5 GRP TRENT	7440-31-5	Tin	SOIL	LA-505-412	U	< 4.74	mg/kg	4.74	4.7	04/28/05	03/11/05	03/22/05

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: WSCF20050636
Matrix: SOLID
Test: Anions by Ion Chromatography

SAF Number: F05-014
Sample Date: 03/18/05
Receive Date:03/22/05

Lab ID: W050001016

BATCH QC ASSOCIATED WITH SAMPLE

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
DUP	Chloride	16887-00-6	<2.60e0	n/a	RPD	03/28/05	0.000	20.000	U
DUP	Fluoride	16984-48-8	<1.15e0	n/a	RPD	03/28/05	0.000	20.000	U
DUP	Sulfate	14808-79-8	<5.00e0	n/a	RPD	03/28/05	0.000	20.000	U
MS	Chloride	16887-00-6	9.70e-01	97.000	% Recov	03/28/05	75.000	125.000	
MS	Fluoride	16984-48-8	4.46e-01	90.283	% Recov	03/28/05	75.000	125.000	
MS	Sulfate	14808-79-8	1.99e+00	99.500	% Recov	03/28/05	75.000	125.000	
MSD	Chloride	16887-00-6	9.89e-01	98.900	% Recov	03/28/05	75.000	125.000	
MSD	Fluoride	16984-48-8	4.28e-01	86.640	% Recov	03/28/05	75.000	125.000	
MSD	Sulfate	14808-79-8	1.92e+00	96.000	% Recov	03/28/05	75.000	125.000	

BATCH QC

BLANK	Chloride	16887-00-6	<5.20e-2	n/a	mg/L	03/28/05	0.000	300.000	U
BLANK	Chloride	16887-00-6	<5.20e-2	n/a	mg/L	03/28/05	0.000	300.000	U
BLANK	Chloride	16887-00-6	<5.20e-2	n/a	mg/L	03/28/05	0.000	300.000	U
BLANK	Fluoride	16984-48-8	<2.30e-2	n/a	mg/L	03/28/05	0.000	300.000	U
BLANK	Fluoride	16984-48-8	<2.30e-2	n/a	mg/L	03/28/05	0.000	300.000	U
BLANK	Fluoride	16984-48-8	<2.30e-2	n/a	mg/L	03/28/05	0.000	300.000	U
BLANK	Sulfate	14808-79-8	<1.00e-1	n/a	mg/L	03/28/05	0.000	300.000	U
BLANK	Sulfate	14808-79-8	<1.00e-1	n/a	mg/L	03/28/05	0.000	300.000	U
BLANK	Sulfate	14808-79-8	<1.00e-1	n/a	mg/L	03/28/05	0.000	300.000	U
LCS	Chloride	16887-00-6	1.98e+02	99.000	% Recov	03/28/05	80.000	120.000	
LCS	Chloride	16887-00-6	1.92e+02	96.000	% Recov	03/28/05	80.000	120.000	
LCS	Fluoride	16984-48-8	1.07e+02	108.409	% Recov	03/28/05	80.000	120.000	
LCS	Fluoride	16984-48-8	9.15e+01	92.705	% Recov	03/28/05	80.000	120.000	
LCS	Sulfate	14808-79-8	4.02e+02	100.752	% Recov	03/28/05	80.000	120.000	
LCS	Sulfate	14808-79-8	3.87e+02	96.992	% Recov	03/28/05	80.000	120.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050636
Matrix: SOLID
Test: Anions by Ion Chromatography

SAF Number: F05-014
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W050001044									
BATCH QC ASSOCIATED WITH SAMPLE									
DUP	Chloride	16887-00-6	<2.60e0	n/a	RPD	03/29/05	0.000	20.000	U
DUP	Fluoride	16984-48-8	<1.15e0	n/a	RPD	03/29/05	0.000	20.000	U
DUP	Sulfate	14808-79-8	<5.00e0	n/a	RPD	03/29/05	0.000	20.000	U
MS	Chloride	16887-00-6	9.61e-01	96.100	% Recov	03/29/05	75.000	125.000	
MS	Fluoride	16984-48-8	4.13e-01	83.603	% Recov	03/29/05	75.000	125.000	
MS	Sulfate	14808-79-8	1.83e+00	91.500	% Recov	03/29/05	75.000	125.000	
MSD	Chloride	16887-00-6	9.74e-01	97.400	% Recov	03/29/05	75.000	125.000	
MSD	Fluoride	16984-48-8	4.17e-01	84.413	% Recov	03/29/05	75.000	125.000	
MSD	Sulfate	14808-79-8	1.90e+00	95.000	% Recov	03/29/05	75.000	125.000	
BATCH QC									
BLANK	Chloride	16887-00-6	<5.20e-2	n/a	mg/L	03/29/05	0.000	300.000	U
BLANK	Chloride	16887-00-6	<5.20e-2	n/a	mg/L	03/29/05	0.000	300.000	U
BLANK	Fluoride	16984-48-8	<2.30e-2	n/a	mg/L	03/29/05	0.000	300.000	U
BLANK	Fluoride	16984-48-8	<2.30e-2	n/a	mg/L	03/29/05	0.000	300.000	U
BLANK	Sulfate	14808-79-8	<1.00e-1	n/a	mg/L	03/29/05	0.000	300.000	U
BLANK	Sulfate	14808-79-8	<1.00e-1	n/a	mg/L	03/29/05	0.000	300.000	U
LCS	Chloride	16887-00-6	1.95e+02	97.500	% Recov	03/29/05	80.000	120.000	
LCS	Fluoride	16984-48-8	9.50e+01	96.251	% Recov	03/29/05	80.000	120.000	
LCS	Sulfate	14808-79-8	3.89e+02	97.494	% Recov	03/29/05	80.000	120.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050636
Matrix: SOLID
Test: ICP Metals Analysis, Grd H20 P

SAF Number: F05-014
Sample Date: 03/18/05
Receive Date:03/22/05

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W050001016									
BATCH QC ASSOCIATED WITH SAMPLE									
MS	Boron	7440-42-8	177	91.237	% Recov	03/30/05	75.000	125.000	
MS	Lithium	7439-93-2	213.77	110.191	% Recov	03/30/05	70.000	130.000	
MS	Manganese	7439-96-5	205	105.670	% Recov	03/30/05	75.000	125.000	
MSD	Boron	7440-42-8	184	92.929	% Recov	03/30/05	75.000	125.000	
MSD	Lithium	7439-93-2	217.77	109.985	% Recov	03/30/05	75.000	125.000	
MSD	Manganese	7439-96-5	272	137.374	% Recov	03/30/05	75.000	125.000	•
SPK-RPD	Boron	7440-42-8	92.929	1.837	RPD	03/30/05	0.000	20.000	
SPK-RPD	Lithium	7439-93-2	109.985	0.187	RPD	03/30/05	0.000	20.000	
SPK-RPD	Manganese	7439-96-5	137.374	26.089	RPD	03/30/05	0.000	20.000	•
Lab ID: W050001051									
BATCH QC ASSOCIATED WITH SAMPLE									
MS	Boron	7440-42-8	187	95.897	% Recov	03/30/05	75.000	125.000	
MSD	Boron	7440-42-8	189	94.975	% Recov	03/30/05	75.000	125.000	
SPK-RPD	Boron	7440-42-8	94.975	0.966	RPD	03/30/05	0.000	20.000	
BATCH QC									
BLANK	Boron	7440-42-8	1.3	1.300	ug/L	03/30/05			
BLANK	Lithium	7439-93-2	1e-3	0.001	ug/L	03/30/05			
BLANK	Manganese	7439-96-5	1.3	1.300	ug/L	03/30/05			
LCS	Boron	7440-42-8	279	94.576	% Recov	03/30/05	45.000	156.000	
LCS	Lithium	7439-93-2	222	108.824	% Recov	03/30/05	80.000	120.000	
LCS	Manganese	7439-96-5	626	103.300	% Recov	03/30/05	76.000	124.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050636
Matrix: SOLID
Test: ICP-2008 MS All possible metal

SAF Number: F05-014
Sample Date: 03/18/05
Receive Date:03/22/05

Lab ID: W050001016
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	385	96.250	% Recov	03/30/05	70.000	130.000	
MS	Arsenic	7440-38-2	426.4	106.600	% Recov	03/30/05	70.000	130.000	
MS	Barium	7440-39-3	421.18	105.295	% Recov	03/30/05	70.000	130.000	
MS	Beryllium	7440-41-7	394.2	98.550	% Recov	03/30/05	70.000	130.000	
MS	Cadmium	7440-43-9	418.7	104.675	% Recov	03/30/05	70.000	130.000	
MS	Cobalt	7440-48-4	420.053	105.013	% Recov	03/30/05	70.000	130.000	
MS	Chromium	7440-47-3	415.2	103.800	% Recov	03/30/05	70.000	130.000	
MS	Copper	7440-50-8	417.8	104.450	% Recov	03/30/05	70.000	130.000	
MS	Mercury	7439-97-6	21.45	107.250	% Recov	03/30/05	70.000	130.000	
MS	Molybdenum	7439-98-7	395.8	98.950	% Recov	03/30/05	70.000	130.000	
MS	Nickel	7440-02-0	428.179	107.045	% Recov	03/30/05	70.000	130.000	
MS	Lead	7439-92-1	412.994	103.249	% Recov	03/30/05	70.000	130.000	
MS	Antimony	7440-36-0	430.8	107.700	% Recov	03/30/05	70.000	130.000	
MS	Selenium	7782-49-2	447.6	111.900	% Recov	03/30/05	70.000	130.000	
MS	Tin	7440-31-5	406.1	101.525	% Recov	03/30/05	70.000	130.000	
MS	Thallium	7440-28-0	405.3611	101.340	% Recov	03/30/05	70.000	130.000	
MS	Uranium	7440-61-1	414.9	103.725	% Recov	03/30/05	70.000	130.000	
MS	Vanadium	7440-62-2	417.01	104.252	% Recov	03/30/05	70.000	130.000	
MS	Zinc	7440-66-6	442.56	110.640	% Recov	03/30/05	70.000	130.000	
MSD	Silver	7440-22-4	365.1	91.275	% Recov	03/30/05	70.000	130.000	
MSD	Arsenic	7440-38-2	392.9	98.225	% Recov	03/30/05	70.000	130.000	
MSD	Barium	7440-39-3	400.08	100.020	% Recov	03/30/05	70.000	130.000	
MSD	Beryllium	7440-41-7	374.8	93.700	% Recov	03/30/05	70.000	130.000	
MSD	Cadmium	7440-43-9	393.9	98.475	% Recov	03/30/05	70.000	130.000	
MSD	Cobalt	7440-48-4	387.353	96.838	% Recov	03/30/05	70.000	130.000	
MSD	Chromium	7440-47-3	396.6	99.150	% Recov	03/30/05	70.000	130.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050636
Matrix: SOLID
Test: ICP-2008 MS All possible metal

SAF Number: F05-014
Sample Date: 03/18/05
Receive Date:03/22/05

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
MSD	Copper	7440-50-8	396.4	99.100	% Recov	03/30/05	70.000	130.000	
MSD	Mercury	7439-97-6	20.29	101.450	% Recov	03/30/05	70.000	130.000	
MSD	Molybdenum	7439-98-7	372	93.000	% Recov	03/30/05	70.000	130.000	
MSD	Nickel	7440-02-0	390.179	97.545	% Recov	03/30/05	70.000	130.000	
MSD	Lead	7439-92-1	393.594	98.398	% Recov	03/30/05	70.000	130.000	
MSD	Antimony	7440-36-0	409.6	102.400	% Recov	03/30/05	70.000	130.000	
MSD	Selenium	7782-49-2	380.3	95.075	% Recov	03/30/05	70.000	130.000	
MSD	Tin	7440-31-5	386.2	96.550	% Recov	03/30/05	70.000	130.000	
MSD	Thallium	7440-28-0	382.1611	95.540	% Recov	03/30/05	70.000	130.000	
MSD	Uranium	7440-61-1	394.4	98.600	% Recov	03/30/05	70.000	130.000	
MSD	Vanadium	7440-62-2	395.21	98.802	% Recov	03/30/05	70.000	130.000	
MSD	Zinc	7440-66-6	402.66	100.665	% Recov	03/30/05	70.000	130.000	
SPK-RPD	Silver	7440-22-4	91.275	5.306	RPD	03/30/05	0.000	20.000	
SPK-RPD	Arsenic	7440-38-2	98.225	8.178	RPD	03/30/05	0.000	20.000	
SPK-RPD	Barium	7440-39-3	100.020	5.138	RPD	03/30/05	0.000	20.000	
SPK-RPD	Beryllium	7440-41-7	93.700	5.046	RPD	03/30/05	0.000	20.000	
SPK-RPD	Cadmium	7440-43-9	98.475	6.104	RPD	03/30/05	0.000	20.000	
SPK-RPD	Cobalt	7440-48-4	96.838	8.100	RPD	03/30/05	0.000	20.000	
SPK-RPD	Chromium	7440-47-3	99.150	4.582	RPD	03/30/05	0.000	20.000	
SPK-RPD	Copper	7440-50-8	99.100	5.257	RPD	03/30/05	0.000	20.000	
SPK-RPD	Mercury	7439-97-6	101.450	5.558	RPD	03/30/05	0.000	20.000	
SPK-RPD	Molybdenum	7439-98-7	93.000	6.200	RPD	03/30/05	0.000	20.000	
SPK-RPD	Nickel	7440-02-0	97.545	9.287	RPD	03/30/05	0.000	20.000	
SPK-RPD	Lead	7439-92-1	98.398	4.811	RPD	03/30/05	0.000	20.000	
SPK-RPD	Antimony	7440-36-0	102.400	5.045	RPD	03/30/05	0.000	20.000	
SPK-RPD	Selenium	7782-49-2	95.075	16.258	RPD	03/30/05	0.000	20.000	
SPK-RPD	Tin	7440-31-5	96.550	5.023	RPD	03/30/05	0.000	20.000	
SPK-RPD	Thallium	7440-28-0	95.540	5.892	RPD	03/30/05	0.000	20.000	
SPK-RPD	Uranium	7440-61-1	98.600	5.066	RPD	03/30/05	0.000	20.000	
SPK-RPD	Vanadium	7440-62-2	98.802	5.368	RPD	03/30/05	0.000	20.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050636
Matrix: SOLID
Test: ICP-2008 MS All possible metal

SAF Number: F05-014
Sample Date: 03/18/05
Receive Date:03/22/05

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
SPK-RPD	Zinc	7440-66-6	100.665	9.441	RPD	03/30/05	0.000	20.000	
BATCH QC									
BLANK	Silver	7440-22-4	0.1	0.100	ug/L	03/30/05			
BLANK	Arsenic	7440-38-2	0.4	0.400	ug/L	03/30/05			
BLANK	Barium	7440-39-3	4	4.000	ug/L	03/30/05			
BLANK	Beryllium	7440-41-7	0.1	0.100	ug/L	03/30/05			
BLANK	Cadmium	7440-43-9	0.1	0.100	ug/L	03/30/05			
BLANK	Cobalt	7440-48-4	1e-2	0.010	ug/L	03/30/05			
BLANK	Chromium	7440-47-3	4	4.000	ug/L	03/30/05			
BLANK	Copper	7440-50-8	2	2.000	ug/L	03/30/05			
BLANK	Mercury	7439-97-6	0.1	0.100	ug/L	03/30/05			
BLANK	Molybdenum	7439-98-7	0.3	0.300	ug/L	03/30/05			
BLANK	Nickel	7440-02-0	0.1	0.100	ug/L	03/30/05			
BLANK	Lead	7439-92-1	0.2	0.200	ug/L	03/30/05			
BLANK	Antimony	7440-36-0	1	1.000	ug/L	03/30/05			
BLANK	Selenium	7782-49-2	0.4	0.400	ug/L	03/30/05			
BLANK	Tin	7440-31-5	1	1.000	ug/L	03/30/05			
BLANK	Thallium	7440-28-0	1.436e-2	0.014	ug/L	03/30/05			
BLANK	Uranium	7440-61-1	0.1	0.100	ug/L	03/30/05			
BLANK	Vanadium	7440-62-2	0.2	0.200	ug/L	03/30/05			
BLANK	Zinc	7440-66-6	4	4.000	ug/L	03/30/05			
LCS	Silver	7440-22-4	137.6	105.846	% Recov	03/30/05	110.000	170.000	
LCS	Arsenic	7440-38-2	160.1	99.441	% Recov	03/30/05	82.000	142.000	
LCS	Barium	7440-39-3	239.6	95.079	% Recov	03/30/05	79.000	123.000	
LCS	Beryllium	7440-41-7	97.16	102.924	% Recov	03/30/05	82.000	128.000	
LCS	Cadmium	7440-43-9	137.7	107.578	% Recov	03/30/05	88.000	127.000	
LCS	Cobalt	7440-48-4	35.22	100.057	% Recov	03/30/05	78.000	111.000	
LCS	Chromium	7440-47-3	65.19	93.799	% Recov	03/30/05	50.000	126.000	
LCS	Copper	7440-50-8	147.3	99.527	% Recov	03/30/05	61.000	134.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050636
Matrix: SOLID
Test: ICP-2008 MS All possible metal

SAF Number: F05-014
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
LCS	Mercury	7439-97-6	17.62	104.260	% Recov	03/30/05	75.000	114.000	
LCS	Molybdenum	7439-98-7	83.25	98.989	% Recov	03/30/05	85.000	116.000	
LCS	Nickel	7440-02-0	154.3	104.966	% Recov	03/30/05	84.000	125.000	
LCS	Lead	7439-92-1	149.2	105.070	% Recov	03/30/05	87.000	120.000	
LCS	Antimony	7440-36-0	104.9	172.250	% Recov	03/30/05	61.000	135.000	*
LCS	Selenium	7782-49-2	36.32	56.573	% Recov	03/30/05	83.000	145.000	*
LCS	Tin	7440-31-5	62.53	102.508	% Recov	03/30/05	85.000	115.000	
LCS	Thallium	7440-28-0	88.34	105.167	% Recov	03/30/05	79.000	125.000	
LCS	Uranium	7440-61-1	384.2	96.050	% Recov	03/30/05	89.000	107.000	
LCS	Vanadium	7440-62-2	91.23	93.762	% Recov	03/30/05	77.000	111.000	
LCS	Zinc	7440-66-6	175.4	106.303	% Recov	03/30/05	76.000	148.000	

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
Organic															
W050001016	B1CHH6	GRP	TRENT	12674-11-2	Aroclor-1016	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001016	B1CHH6	GRP	TRENT	11104-28-2	Aroclor-1221	SOIL	LA-523-427	U	< 100	ug/kg	1.00	1.0e+02	03/24/05	03/18/05	03/22/05
W050001016	B1CHH6	GRP	TRENT	11141-16-5	Aroclor-1232	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001016	B1CHH6	GRP	TRENT	53469-21-9	Aroclor-1242	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001016	B1CHH6	GRP	TRENT	12672-29-6	Aroclor-1248	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001016	B1CHH6	GRP	TRENT	11097-69-1	Aroclor-1254	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001016	B1CHH6	GRP	TRENT	11096-82-5	Aroclor-1260	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001016	B1CHH6	GRP	TRENT	37324-23-5	Aroclor-1262	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001016	B1CHH6	GRP	TRENT	11100-14-4	Aroclor-1268	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	12674-11-2	Aroclor-1016	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/24/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	11104-28-2	Aroclor-1221	SOIL	LA-523-427	U	< 100	ug/kg	1.00	1.0e+02	03/24/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	11141-16-5	Aroclor-1232	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/24/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	53469-21-9	Aroclor-1242	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/24/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	12672-29-6	Aroclor-1248	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/24/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	11097-69-1	Aroclor-1254	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/24/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	11096-82-5	Aroclor-1260	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/24/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	37324-23-5	Aroclor-1262	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/24/05	03/11/05	03/22/05
W050001030	B1CHH7	GRP	TRENT	11100-14-4	Aroclor-1268	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/24/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	12674-11-2	Aroclor-1016	SOIL	LA-523-427	U	< 50.0	ug/kg	1.00	50	03/24/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	11104-28-2	Aroclor-1221	SOIL	LA-523-427	U	< 100	ug/kg	1.00	1.0e+02	03/24/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	11141-16-5	Aroclor-1232	SOIL	LA-523-427	U	< 50.0	ug/kg	1.00	50	03/24/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	53469-21-9	Aroclor-1242	SOIL	LA-523-427	U	< 50.0	ug/kg	1.00	50	03/24/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	12672-29-6	Aroclor-1248	SOIL	LA-523-427	U	< 50.0	ug/kg	1.00	50	03/24/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	11097-69-1	Aroclor-1254	SOIL	LA-523-427	U	< 50.0	ug/kg	1.00	50	03/24/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	11096-82-5	Aroclor-1260	SOIL	LA-523-427	U	< 50.0	ug/kg	1.00	50	03/24/05	03/11/05	03/22/05
W050001031	B1CHH8	GRP	TRENT	37324-23-5	Aroclor-1262	SOIL	LA-523-427	U	< 50.0	ug/kg	1.00	50	03/24/05	03/11/05	03/22/05

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: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result		Unit	DF	MDL	Analyze	Sample	Receive
W050001031	B1CHH8	GRP	TRENT	11100-14-4	Aroclor-1268	SOIL	LA-523-427	U	<	50.0	ug/kg	1.00	50	03/24/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	12674-11-2	Aroclor-1016	SOIL	LA-523-427	U	<	52.0	ug/kg	1.00	52	03/24/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	11104-28-2	Aroclor-1221	SOIL	LA-523-427	U	<	100	ug/kg	1.00	1.0e+02	03/24/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	11141-16-5	Aroclor-1232	SOIL	LA 523-427	U	<	52.0	ug/kg	1.00	52	03/24/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	53469-21-9	Aroclor-1242	SOIL	LA-523-427	U	<	52.0	ug/kg	1.00	52	03/24/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	12672-29-6	Aroclor-1248	SOIL	LA-523-427	U	<	52.0	ug/kg	1.00	52	03/24/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	11097-69-1	Aroclor-1254	SOIL	LA-523-427	U	<	52.0	ug/kg	1.00	52	03/24/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	11096-82-5	Aroclor-1260	SOIL	LA-523-427	U	<	52.0	ug/kg	1.00	52	03/24/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	37324-23-5	Aroclor-1262	SOIL	LA-523-427	U	<	52.0	ug/kg	1.00	52	03/24/05	03/11/05	03/22/05
W050001032	B1CHC8	GRP	TRENT	11100-14-4	Aroclor-1268	SOIL	LA-523-427	U	<	52.0	ug/kg	1.00	52	03/24/05	03/11/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	12674-11-2	Aroclor-1016	SOIL	LA-523-427	U	<	52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	11104-28-2	Aroclor-1221	SOIL	LA-523-427	U	<	100	ug/kg	1.00	1.0e+02	03/24/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	11141-16-5	Aroclor-1232	SOIL	LA-523-427	U	<	52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	53469-21-9	Aroclor-1242	SOIL	LA-523-427	U	<	52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	12672-29-6	Aroclor-1248	SOIL	LA-523-427	U	<	52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	11097-69-1	Aroclor-1254	SOIL	LA-523-427	U	<	52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	11096-82-5	Aroclor-1260	SOIL	LA-523-427	U	<	52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	37324-23-5	Aroclor-1262	SOIL	LA-523-427	U	<	52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001033	B1CHC9	GRP	TRENT	11100-14-4	Aroclor-1268	SOIL	LA-523-427	U	<	52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	12674-11-2	Aroclor-1016	SOIL	LA-523-427	U	<	51.0	ug/kg	1.00	51	03/24/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	11104-28-2	Aroclor-1221	SOIL	LA-523-427	U	<	100	ug/kg	1.00	1.0e+02	03/24/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	11141-16-5	Aroclor-1232	SOIL	LA-523-427	U	<	51.0	ug/kg	1.00	51	03/24/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	53469-21-9	Aroclor-1242	SOIL	LA-523-427	U	<	51.0	ug/kg	1.00	51	03/24/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	12672-29-6	Aroclor-1248	SOIL	LA-523-427	U	<	51.0	ug/kg	1.00	51	03/24/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	11097-69-1	Aroclor-1254	SOIL	LA-523-427	U	<	51.0	ug/kg	1.00	51	03/24/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	11096-82-5	Aroclor-1260	SOIL	LA-523-427	U	<	51.0	ug/kg	1.00	51	03/24/05	03/18/05	03/22/05
W050001034	B1CHD0	GRP	TRENT	37324-23-5	Aroclor-1262	SOIL	LA-523-427	U	<	51.0	ug/kg	1.00	51	03/24/05	03/18/05	03/22/05

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: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050001034	B1CHD0	GRP	TRENT	11100-14-4	Aroclor-1268	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/24/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	12674-11-2	Aroclor-1016	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/24/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	11104-28-2	Aroclor-1221	SOIL	LA-523-427	U	< 100	ug/kg	1.00	1.0e+02	03/24/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	11141-16-5	Aroclor-1232	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/24/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	53469-21-9	Aroclor-1242	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/24/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	12672-29-6	Aroclor-1248	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/24/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	11097-69-1	Aroclor-1254	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/24/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	11096-82-5	Aroclor-1260	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/24/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	37324-23-5	Aroclor-1262	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/24/05	03/18/05	03/22/05
W050001035	B1CHD1	GRP	TRENT	11100-14-4	Aroclor-1268	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/24/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	12674-11-2	Aroclor-1016	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	11104-28-2	Aroclor-1221	SOIL	LA-523-427	U	< 100	ug/kg	1.00	1.0e+02	03/24/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	11141-16-5	Aroclor-1232	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	53469-21-9	Aroclor-1242	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	12672-29-6	Aroclor-1248	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	11097-69-1	Aroclor-1254	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	11096-82-5	Aroclor-1260	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	37324-23-5	Aroclor-1262	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001036	B1CHD2	GRP	TRENT	11100-14-4	Aroclor-1268	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	12674-11-2	Aroclor-1016	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	11104-28-2	Aroclor-1221	SOIL	LA-523-427	U	< 100	ug/kg	1.00	1.0e+02	03/24/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	11141-16-5	Aroclor-1232	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	53469-21-9	Aroclor-1242	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	12672-29-6	Aroclor-1248	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	11097-69-1	Aroclor-1254	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	11096-82-5	Aroclor-1260	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001037	B1CHD3	GRP	TRENT	37324-23-5	Aroclor-1262	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05

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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: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050001037	B1CHD3	GRP	TRENT	11100-14-4	Aroclor-1268	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/24/05	03/18/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	12674-11-2	Aroclor-1016	SOIL	LA-523-427	U	< 53.0	ug/kg	1.00	53	03/28/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	11104-28-2	Aroclor-1221	SOIL	LA-523-427	U	< 110	ug/kg	1.00	1.1e+02	03/28/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	11141-16-5	Aroclor-1232	SOIL	LA-523-427	U	< 53.0	ug/kg	1.00	53	03/28/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	53469-21-9	Aroclor-1242	SOIL	LA-523-427	U	< 53.0	ug/kg	1.00	53	03/28/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	12672-29-6	Aroclor-1248	SOIL	LA-523-427	U	< 53.0	ug/kg	1.00	53	03/28/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	11097-69-1	Aroclor-1254	SOIL	LA-523-427	U	< 53.0	ug/kg	1.00	53	03/28/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	11096-82-5	Aroclor-1260	SOIL	LA-523-427	U	< 53.0	ug/kg	1.00	53	03/28/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	37324-23-5	Aroclor-1262	SOIL	LA-523-427	U	< 53.0	ug/kg	1.00	53	03/28/05	03/11/05	03/22/05
W050001038	B1CHD4	GRP	TRENT	11100-14-4	Aroclor-1268	SOIL	LA-523-427	U	< 53.0	ug/kg	1.00	53	03/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	12674-11-2	Aroclor-1016	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	11104-28-2	Aroclor-1221	SOIL	LA-523-427	U	< 100	ug/kg	1.00	1.0e+02	03/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	11141-16-5	Aroclor-1232	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	53469-21-9	Aroclor-1242	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	12672-29-6	Aroclor-1248	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	11097-69-1	Aroclor-1254	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	11096-82-5	Aroclor-1260	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	37324-23-5	Aroclor-1262	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001039	B1CHD5	GRP	TRENT	11100-14-4	Aroclor-1268	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	12674-11-2	Aroclor-1016	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	11104-28-2	Aroclor-1221	SOIL	LA-523-427	U	< 100	ug/kg	1.00	1.0e+02	03/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	11141-16-5	Aroclor-1232	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	53469-21-9	Aroclor-1242	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	12672-29-6	Aroclor-1248	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	11097-69-1	Aroclor-1254	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	11096-82-5	Aroclor-1260	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001040	B1CHH3	GRP	TRENT	37324-23-5	Aroclor-1262	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05

MDL = Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) U - Analyzed for but not detected above limiting criteria.
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* - Indicates results that have NOT been validated; + - Indicates more than six qualifier symbols

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050001040	B1CHH3	GRP	TRENT	11100-14-4	Aroclor-1268	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	12674-11-2	Aroclor-1016	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	11104-28-2	Aroclor-1221	SOIL	LA-523-427	U	< 100	ug/kg	1.00	1.0e+02	03/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	11141-16-5	Aroclor-1232	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	53469-21-9	Aroclor-1242	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	12672-29-6	Aroclor-1248	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	11097-69-1	Aroclor-1254	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	11096-82-5	Aroclor-1260	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	37324-23-5	Aroclor-1262	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001041	B1CHD6	GRP	TRENT	11100-14-4	Aroclor-1268	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	12674-11-2	Aroclor-1016	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	11104-28-2	Aroclor-1221	SOIL	LA-523-427	U	< 100	ug/kg	1.00	1.0e+02	03/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	11141-16-5	Aroclor-1232	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	53469-21-9	Aroclor-1242	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	12672-29-6	Aroclor-1248	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	11097-69-1	Aroclor-1254	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	11096-82-5	Aroclor-1260	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	37324-23-5	Aroclor-1262	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001042	B1CHH4	GRP	TRENT	11100-14-4	Aroclor-1268	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	12674-11-2	Aroclor-1016	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	11104-28-2	Aroclor-1221	SOIL	LA-523-427	U	< 100	ug/kg	1.00	1.0e+02	03/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	11141-16-5	Aroclor-1232	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	53469-21-9	Aroclor-1242	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	12672-29-6	Aroclor-1248	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	11097-69-1	Aroclor-1254	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	11096-82-5	Aroclor-1260	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/28/05	03/11/05	03/22/05
W050001043	B1CHD7	GRP	TRENT	37324-23-5	Aroclor-1262	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/28/05	03/11/05	03/22/05

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F05-014: F05-014

Group #: WSCF20050636

Sample #	Client ID	CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W050001043	B1CHD7 GRP TRENT	11100-14-4	Aroclor-1268	SOIL	LA-523-427	U	< 52.0	ug/kg	1.00	52	03/28/05	03/11/05	03/22/05
W050001044	B1CHH5 GRP TRENT	12674-11-2	Aroclor-1016	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001044	B1CHH5 GRP TRENT	11104-28-2	Aroclor-1221	SOIL	LA-523-427	U	< 100	ug/kg	1.00	1.0e+02	03/28/05	03/11/05	03/22/05
W050001044	B1CHH5 GRP TRENT	11141-16-5	Aroclor-1232	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001044	B1CHH5 GRP TRENT	53469-21-9	Aroclor-1242	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001044	B1CHH5 GRP TRENT	12672-29-6	Aroclor-1248	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001044	B1CHH5 GRP TRENT	11097-69-1	Aroclor-1254	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001044	B1CHH5 GRP TRENT	11096-82-5	Aroclor-1260	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001044	B1CHH5 GRP TRENT	37324-23-5	Aroclor-1262	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05
W050001044	B1CHH5 GRP TRENT	11100-14-4	Aroclor-1268	SOIL	LA-523-427	U	< 51.0	ug/kg	1.00	51	03/28/05	03/11/05	03/22/05

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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: WSCF20050636
Matrix: SOLID
Test: PCBs complete list

SAF Number: F05-014
Sample Date: 03/18/05
Receive Date:03/18/05

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W050001015									
BATCH QC ASSOCIATED WITH SAMPLE									
MS	Aroclor-1260	11096-82-5	1004.3	98.700	% Recov	03/28/05	75.000	125.000	
MS	Decachlorobiphenyl	2051-24-3	951.74	93.500	% Recov	03/28/05	50.000	150.000	
MS	Tetrachloro-m-xylene	877-09-8	938.16	92.200	% Recov	03/28/05	50.000	150.000	
MSD	Aroclor-1260	11096-82-5	1094.1	108.000	% Recov	03/28/05	75.000	125.000	
MSD	Decachlorobiphenyl	2051-24-3	1030.0	102.000	% Recov	03/28/05	50.000	150.000	
MSD	Tetrachloro-m-xylene	877-09-8	996.01	98.500	% Recov	03/28/05	50.000	150.000	
SPK-RPD	Aroclor-1260	11096-82-5	108.000	8.999	RPD	03/28/05	0.000	25.000	
SPK-RPD	Decachlorobiphenyl	2051-24-3	102.000	8.696	RPD	03/28/05	0.000	20.000	
SPK-RPD	Tetrachloro-m-xylene	877-09-8	98.500	6.607	RPD	03/28/05	0.000	20.000	
Lab ID: W050001016									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	Decachlorobiphenyl	2051-24-3	1071.2	104.000	% Recov	03/24/05	50.000	150.000	
SURR	Tetrachloro-m-xylene	877-09-8	1070.9	103.000	% Recov	03/24/05	50.000	150.000	
Lab ID: W050001030									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	Decachlorobiphenyl	2051-24-3	1055.7	104.000	% Recov	03/24/05	50.000	150.000	
SURR	Tetrachloro-m-xylene	877-09-8	1019.7	100.000	% Recov	03/24/05	50.000	150.000	
Lab ID: W050001031									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	Decachlorobiphenyl	2051-24-3	1023.7	101.000	% Recov	03/24/05	50.000	150.000	
SURR	Tetrachloro-m-xylene	877-09-8	1007.4	99.800	% Recov	03/24/05	50.000	150.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050636
Matrix: SOLID
Test: PCBs complete list

SAF Number: F05-014
Sample Date: 03/11/05
Receive Date:03/22/05

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W050001032									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	Decachlorobiphenyl	2051-24-3	1092.5	104.000	% Recov	03/24/05	50.000	150.000	
SURR	Tetrachloro-m-xylene	877-09-8	1065.0	102.000	% Recov	03/24/05	50.000	150.000	
Lab ID: W050001033									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	Decachlorobiphenyl	2051-24-3	1077.5	103.000	% Recov	03/24/05	50.000	150.000	
SURR	Tetrachloro-m-xylene	877-09-8	1014.2	96.700	% Recov	03/24/05	50.000	150.000	
Lab ID: W050001034									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	Decachlorobiphenyl	2051-24-3	1058.0	103.000	% Recov	03/24/05	50.000	150.000	
SURR	Tetrachloro-m-xylene	877-09-8	1053.5	103.000	% Recov	03/24/05	50.000	150.000	
Lab ID: W050001035									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	Decachlorobiphenyl	2051-24-3	1041.8	102.000	% Recov	03/24/05	50.000	150.000	
SURR	Tetrachloro-m-xylene	877-09-8	823.27	80.300	% Recov	03/24/05	50.000	150.000	
Lab ID: W050001036									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	Decachlorobiphenyl	2051-24-3	1076.2	103.000	% Recov	03/24/05	50.000	150.000	
SURR	Tetrachloro-m-xylene	877-09-8	500.34	48.100	% Recov	03/24/05	50.000	150.000	
Lab ID: W050001037									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	Decachlorobiphenyl	2051-24-3	1105.6	106.000	% Recov	03/24/05	50.000	150.000	
SURR	Tetrachloro-m-xylene	877-09-8	1067.5	102.000	% Recov	03/24/05	50.000	150.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050636
Matrix: SOLID
Test: PCBs complete list

SAF Number: F05-014
Sample Date: 03/18/05
Receive Date:03/22/05

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W050001038									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	Decachlorobiphenyl	2051-24-3	1045.8	99.000	% Recov	03/28/05	50.000	150.000	
SURR	Tetrachloro-m-xylene	877-09-8	1087.1	103.000	% Recov	03/28/05	50.000	150.000	
Lab ID: W050001039									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	Decachlorobiphenyl	2051-24-3	1018.4	98.600	% Recov	03/28/05	50.000	150.000	
SURR	Tetrachloro-m-xylene	877-09-8	1043.2	102.000	% Recov	03/28/05	50.000	150.000	
Lab ID: W050001040									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	Decachlorobiphenyl	2051-24-3	1003.8	98.900	% Recov	03/28/05	50.000	150.000	
SURR	Tetrachloro-m-xylene	877-09-8	1033.3	102.000	% Recov	03/28/05	50.000	150.000	
Lab ID: W050001041									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	Decachlorobiphenyl	2051-24-3	1015.8	99.300	% Recov	03/28/05	50.000	150.000	
SURR	Tetrachloro-m-xylene	877-09-8	1033.0	101.000	% Recov	03/28/05	50.000	150.000	
Lab ID: W050001042									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	Decachlorobiphenyl	2051-24-3	875.43	86.500	% Recov	03/28/05	50.000	150.000	
SURR	Tetrachloro-m-xylene	877-09-8	927.48	91.600	% Recov	03/28/05	50.000	150.000	
Lab ID: W050001043									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	Decachlorobiphenyl	2051-24-3	1046.2	101.000	% Recov	03/28/05	50.000	150.000	
SURR	Tetrachloro-m-xylene	877-09-8	1092.2	105.000	% Recov	03/28/05	50.000	150.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20050636
Matrix: SOLID
Test: PCBs complete list

SAF Number: F05-014
Sample Date: 03/11/05
Receive Date:03/22/05

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W050001044									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	Decachlorobiphenyl	2051-24-3	1021.1	101.000	% Recov	03/28/05	50.000	150.000	
SURR	Tetrachloro-m-xylene	877-09-8	1031.8	102.000	% Recov	03/28/05	50.000	150.000	
BATCH QC									
BLANK	Aroclor-1016	12674-11-2	< 50	n/a	UGKG	03/24/05			U
BLANK	Aroclor-1221	11104-28-2	< 100	n/a	ug/Kg	03/24/05			U
BLANK	Aroclor-1232	11141-16-5	< 50	n/a	ug/Kg	03/24/05			U
BLANK	Aroclor-1242	53469-21-9	< 50	n/a	ug/Kg	03/24/05			U
BLANK	Aroclor-1248	12672-29-6	< 50	n/a	ug/Kg	03/24/05			U
BLANK	Aroclor-1254	11097-69-1	< 50	n/a	ug/Kg	03/24/05			U
BLANK	Aroclor-1260	11096-82-5	< 50	n/a	ug/Kg	03/24/05			U
BLANK	Aroclor-1262	37324-23-5	< 50	n/a	ug/Kg	03/24/05			U
BLANK	Aroclor-1268	11100-14-4	< 50	n/a	ug/Kg	03/24/05			U
BLANK	Decachlorobiphenyl	2051-24-3	1005.2	101.000	% Recov	03/24/05	50.000	150.000	
BLANK	Tetrachloro-m-xylene	877-09-8	1026.2	103.000	% Recov	03/24/05	50.000	150.000	
LCS	Aroclor-1260	11096-82-5	1086.1	109.000	% Recov	03/24/05	70.000	130.000	
LCS	Decachlorobiphenyl	2051-24-3	1021.9	102.000	% Recov	03/24/05	50.000	150.000	
LCS	Tetrachloro-m-xylene	877-09-8	985.13	98.500	% Recov	03/24/05	50.000	150.000	

WSCF
ANALYTICAL COMMENT REPORT

Attention: Steve Trent
Project Number F05-014

Group #: WSCF20050636

Sample #	Client ID			Lab Area	Test	Comment
				VALGROUP		ICP-MS: Preparation blank units are in ug/L (ppb). Ag and Sb LCS recoveries are within mfg. specifications; no flags issued. Samples W050001039, 40, 41, 41, 43 and 44 reanalyzed per customer request at a lower dilution ICP-AES: Manganese result bias high MSD. LCS/MS results OK no flags. PCB: Tetrachloro-m-Xylene (TCX)surrogate recovery in sample W050001036 B1CHD2 low (48%) due to over blowdown of solvent. Solvent over blowdown affects only TCX and not the Aroclor analytes or DCB surrogate. Sample Aroclor results are valid and useable without qualification. Sample qualification for surrogate QC applies only to the affected sample and is not applicable to other samples in the QC batch. cgc Sample concentrations are corrected for moisture and reported dry weight basis. gar
W050001030	B1CHH7	GRP	TRENT	VALTEST	ICP-2008 MS All possible metal	wwb
W050001031	B1CHH8	GRP	TRENT	VALTEST	ICP-2008 MS All possible metal	wwb
W050001032	B1CHC8	GRP	TRENT	VALTEST	ICP-2008 MS All possible metal	wwb
W050001033	B1CHC9	GRP	TRENT	VALTEST	ICP-2008 MS All possible metal	wwb
W050001034	B1CHD0	GRP	TRENT	VALTEST	ICP-2008 MS All possible metal	wwb
W050001035	B1CHD1	GRP	TRENT	VALTEST	ICP-2008 MS All possible metal	wwb

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

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WSCF
ANALYTICAL COMMENT REPORT

Attention: Steve Trent
Project Number F05-014

Group #: WSCF20050636

Sample #	Client ID			Lab Area	Test	Comment
W050001036	B1CHD2	GRP	TRENT	VALTEST	ICP-2008 MS All possible metal	wwb
W050001037	B1CHD3	GRP	TRENT	VALTEST	ICP-2008 MS All possible metal	wwb
W050001038	B1CHD4	GRP	TRENT	VALTEST	ICP-2008 MS All possible metal	wwb
W050001039	B1CHD5	GRP	TRENT	VALTEST	ICP-2008 MS All possible metal	wwb
W050001040	B1CHH3	GRP	TRENT	VALTEST	ICP-2008 MS All possible metal	wwb
W050001042	B1CHH4	GRP	TRENT	VALTEST	ICP-2008 MS All possible metal	wwb
W050001043	B1CHD7	GRP	TRENT	VALTEST	ICP-2008 MS All possible metal	wwb
W050001044	B1CHH5	GRP	TRENT	VALTEST	ICP-2008 MS All possible metal	wwb

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

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention:
Project Number :

Group #: 20050636

Sample #	Client ID	Test Name	Peak Name	CAS#	RT	RQ	Result	Units

RQ=Result Qualifier

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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-505-411	LA-505-411: ELEMENTAL ANALYSIS BY INDUCTIVELY COUPLED PLASMA ATOMIC EMISSION SPE	
	EPA SW-846 6010B	INDUCTIVELY COUPLED PLASMA-ATOMIC EMISSION SPECTROMETRY
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-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
LA-533-410	LA-533-410: ANION ANALYSIS BY ION CHROMATOGRAPHY	
	EPA-600/R-94-111 300	DETERMINATION OF INORGANIC ANIONS BY ION CHROMATOGRAPHY

Note: A complete list of WSCF analytical procedures and referenced regulatory or industry methods is available online at \\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 02-may-2005 10:00:10

W13q Worklist/Batch/QC Report for Group# WSCF20050636

WL#	S#	Batch	QC#	Tray Type	Sample#	Test
				SAMPLE	W050001016	Percent Solids
				SAMPLE	W050001030	Percent Solids
				SAMPLE	W050001031	Percent Solids
				SAMPLE	W050001032	Percent Solids
				SAMPLE	W050001033	Percent Solids
				SAMPLE	W050001034	Percent Solids
				SAMPLE	W050001035	Percent Solids
				SAMPLE	W050001036	Percent Solids
				SAMPLE	W050001037	Percent Solids
				SAMPLE	W050001038	Percent Solids
				SAMPLE	W050001039	Percent Solids
				SAMPLE	W050001040	Percent Solids
				SAMPLE	W050001041	Percent Solids
				SAMPLE	W050001042	Percent Solids
				SAMPLE	W050001043	Percent Solids
				SAMPLE	W050001044	Percent Solids
25522	2	25885	29318	BLANK		Anions by Ion Chromatography
25522	13	25885	29318	BLANK		Anions by Ion Chromatography
25522	18	25885	29318	BLANK		Anions by Ion Chromatography
25522	3	25885	29318	LCS		Anions by Ion Chromatography
25522	12	25885	29318	LCS		Anions by Ion Chromatography
25522	5	25885	29318	DUP	W050001016	Anions by Ion Chromatography
25522	6	25885	29318	MS	W050001016	Anions by Ion Chromatography
25522	7	25885	29318	MSD	W050001016	Anions by Ion Chromatography
25522	4	25885	29318	SAMPLE	W050001016	Anions by Ion Chromatography
25522	8	25885	29318	SAMPLE	W050001030	Anions by Ion Chromatography
25522	9	25885	29318	SAMPLE	W050001031	Anions by Ion Chromatography
25522	10	25885	29318	SAMPLE	W050001032	Anions by Ion Chromatography
25522	11	25885	29318	SAMPLE	W050001033	Anions by Ion Chromatography
25522	14	25885	29318	SAMPLE	W050001034	Anions by Ion Chromatography
25522	15	25885	29318	SAMPLE	W050001035	Anions by Ion Chromatography
25522	16	25885	29318	SAMPLE	W050001036	Anions by Ion Chromatography
25522	17	25885	29318	SAMPLE	W050001037	Anions by Ion Chromatography
25545	2	25910	29330	BLANK		Anions by Ion Chromatography
25545	14	25910	29330	BLANK		Anions by Ion Chromatography
25545	3	25910	29330	LCS		Anions by Ion Chromatography
25545	8	25910	29330	SAMPLE	W050001038	Anions by Ion Chromatography
25545	9	25910	29330	SAMPLE	W050001039	Anions by Ion Chromatography
25545	10	25910	29330	SAMPLE	W050001040	Anions by Ion Chromatography
25545	11	25910	29330	SAMPLE	W050001041	Anions by Ion Chromatography
25545	12	25910	29330	SAMPLE	W050001042	Anions by Ion Chromatography
25545	13	25910	29330	SAMPLE	W050001043	Anions by Ion Chromatography
25545	5	25910	29330	DUP	W050001044	Anions by Ion Chromatography
25545	6	25910	29330	MS	W050001044	Anions by Ion Chromatography
25545	7	25910	29330	MSD	W050001044	Anions by Ion Chromatography
25545	4	25910	29330	SAMPLE	W050001044	Anions by Ion Chromatography
25539	1	25904	29386	BLANK		ICP Metals Analysis, Grd H20 P
25539	2	25904	29386	LCS		ICP Metals Analysis, Grd H20 P
25539	4	25904	29386	MS	W050001016	ICP Metals Analysis, Grd H20 P
25539	5	25904	29386	MSD	W050001016	ICP Metals Analysis, Grd H20 P
25539	3	25904	29386	SAMPLE	W050001016	ICP Metals Analysis, Grd H20 P

25539	5	25904	29386	SPK-RPD	W050001016	ICP Metals Analysis, Grd H20 P
25539	6	25904	29386	SAMPLE	W050001030	ICP Metals Analysis, Grd H20 P
25539	7	25904	29386	SAMPLE	W050001031	ICP Metals Analysis, Grd H20 P
25539	8	25904	29386	SAMPLE	W050001032	ICP Metals Analysis, Grd H20 P
25539	9	25904	29386	SAMPLE	W050001033	ICP Metals Analysis, Grd H20 P
25539	10	25904	29386	SAMPLE	W050001034	ICP Metals Analysis, Grd H20 P
25539	11	25904	29386	SAMPLE	W050001035	ICP Metals Analysis, Grd H20 P
25539	12	25904	29386	SAMPLE	W050001036	ICP Metals Analysis, Grd H20 P
25539	13	25904	29386	SAMPLE	W050001037	ICP Metals Analysis, Grd H20 P
25539	14	25904	29386	SAMPLE	W050001038	ICP Metals Analysis, Grd H20 P
25539	15	25904	29386	SAMPLE	W050001039	ICP Metals Analysis, Grd H20 P
25539	16	25904	29386	SAMPLE	W050001040	ICP Metals Analysis, Grd H20 P
25539	17	25904	29386	SAMPLE	W050001041	ICP Metals Analysis, Grd H20 P
25539	18	25904	29386	SAMPLE	W050001042	ICP Metals Analysis, Grd H20 P
25539	19	25904	29386	SAMPLE	W050001043	ICP Metals Analysis, Grd H20 P
25539	20	25904	29386	SAMPLE	W050001044	ICP Metals Analysis, Grd H20 P
25539	22	25904	29386	MS	W050001051	ICP Metals Analysis, Grd H20 P
25539	23	25904	29386	MSD	W050001051	ICP Metals Analysis, Grd H20 P
25539	23	25904	29386	SPK-RPD	W050001051	ICP Metals Analysis, Grd H20 P
			29431	BLANK		PCBs complete list
			29431	LCS		PCBs complete list
			29431	MS	W050001015	PCBs complete list
			29431	MSD	W050001015	PCBs complete list
			29431	SPK-RPD	W050001015	PCBs complete list
			29431	SAMPLE	W050001016	PCBs complete list
			29431	SURR	W050001016	PCBs complete list
			29431	SAMPLE	W050001030	PCBs complete list
			29431	SURR	W050001030	PCBs complete list
			29431	SAMPLE	W050001031	PCBs complete list
			29431	SURR	W050001031	PCBs complete list
			29431	SAMPLE	W050001032	PCBs complete list
			29431	SURR	W050001032	PCBs complete list
			29431	SAMPLE	W050001033	PCBs complete list
			29431	SURR	W050001033	PCBs complete list
			29431	SAMPLE	W050001034	PCBs complete list
			29431	SURR	W050001034	PCBs complete list
			29431	SAMPLE	W050001035	PCBs complete list
			29431	SURR	W050001035	PCBs complete list
			29431	SAMPLE	W050001036	PCBs complete list
			29431	SURR	W050001036	PCBs complete list
			29431	SAMPLE	W050001037	PCBs complete list
			29431	SURR	W050001037	PCBs complete list
			29431	SAMPLE	W050001038	PCBs complete list
			29431	SURR	W050001038	PCBs complete list
			29431	SAMPLE	W050001039	PCBs complete list
			29431	SURR	W050001039	PCBs complete list
			29431	SAMPLE	W050001040	PCBs complete list
			29431	SURR	W050001040	PCBs complete list
			29431	SAMPLE	W050001041	PCBs complete list
			29431	SURR	W050001041	PCBs complete list
			29431	SAMPLE	W050001042	PCBs complete list
			29431	SURR	W050001042	PCBs complete list
			29431	SAMPLE	W050001043	PCBs complete list
			29431	SURR	W050001043	PCBs complete list
			29431	SAMPLE	W050001044	PCBs complete list
			29431	SURR	W050001044	PCBs complete list
25551	1	25916	29687	BLANK		ICP-2008 MS All possible metal
25551	2	25916	29687	LCS		ICP-2008 MS All possible metal

25551	5	25916	29687	MS	W050001016	ICP-2008	MS All possible metal
25551	4	25916	29687	MSD	W050001016	ICP-2008	MS All possible metal
25551	3	25916	29687	SAMPLE	W050001016	ICP-2008	MS All possible metal
25551	5	25916	29687	SPK-RPD	W050001016	ICP-2008	MS All possible metal
25551	6	25916	29687	SAMPLE	W050001030	ICP-2008	MS All possible metal
25551	7	25916	29687	SAMPLE	W050001031	ICP-2008	MS All possible metal
25551	8	25916	29687	SAMPLE	W050001032	ICP-2008	MS All possible metal
25551	9	25916	29687	SAMPLE	W050001033	ICP-2008	MS All possible metal
25551	10	25916	29687	SAMPLE	W050001034	ICP-2008	MS All possible metal
25551	11	25916	29687	SAMPLE	W050001035	ICP-2008	MS All possible metal
25551	12	25916	29687	SAMPLE	W050001036	ICP-2008	MS All possible metal
25551	13	25916	29687	SAMPLE	W050001037	ICP-2008	MS All possible metal
25551	14	25916	29687	SAMPLE	W050001038	ICP-2008	MS All possible metal
25551	15	25916	29687	SAMPLE	W050001039	ICP-2008	MS All possible metal
25551	16	25916	29687	SAMPLE	W050001040	ICP-2008	MS All possible metal
25551	17	25916	29687	SAMPLE	W050001041	ICP-2008	MS All possible metal
25551	18	25916	29687	SAMPLE	W050001042	ICP-2008	MS All possible metal
25551	19	25916	29687	SAMPLE	W050001043	ICP-2008	MS All possible metal
25551	20	25916	29687	SAMPLE	W050001044	ICP-2008	MS All possible metal

M8141-SLF-05-202

ATTACHMENT 3

SAMPLE RECEIPT INFORMATION

Consisting of 16 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
04/20/05
taf
added PERSOLID on 04/05/05
taf

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Groundwater Remediation Program

Richland, WA 99354
Attn: Steve Trent

Customer Code: GPP
PO#: 119140/ES10
Group#: 20050636
Project#: F05-014
Proj Mgr: Steve Trent A0-21
Phone: 373-5869

The following samples were received from you on 03/22/05. 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
W050001016	B1CHH6	GRP @2008	TRENT Solid, or handle as if solid @GPP6010 @IC-30 @PCBGPP PERSOLID	03/18/05
W050001030	B1CHH7	GRP @2008	TRENT Solid, or handle as if solid @GPP6010 @IC-30 @PCBGPP PERSOLID	03/11/05
W050001031	B1CHH8	GRP @2008	TRENT Solid, or handle as if solid @GPP6010 @IC-30 @PCBGPP PERSOLID	03/11/05
W050001032	B1CHC8	GRP @2008	TRENT Solid, or handle as if solid @GPP6010 @IC-30 @PCBGPP PERSOLID	03/11/05
W050001033	B1CHC9	GRP @2008	TRENT Solid, or handle as if solid @GPP6010 @IC-30 @PCBGPP PERSOLID	03/18/05
W050001034	B1CHD0	GRP @2008	TRENT Solid, or handle as if solid @GPP6010 @IC-30 @PCBGPP PERSOLID	03/18/05
W050001035	B1CHD1	GRP @2008	TRENT Solid, or handle as if solid @GPP6010 @IC-30 @PCBGPP PERSOLID	03/18/05
W050001036	B1CHD2	GRP @2008	TRENT Solid, or handle as if solid @GPP6010 @IC-30 @PCBGPP PERSOLID	03/18/05
W050001037	B1CHD3	GRP @2008	TRENT Solid, or handle as if solid @GPP6010 @IC-30 @PCBGPP PERSOLID	03/18/05
W050001038	B1CHD4	GRP @2008	TRENT Solid, or handle as if solid @GPP6010 @IC-30 @PCBGPP PERSOLID	03/11/05
W050001039	B1CHD5	GRP @2008	TRENT Solid, or handle as if solid @GPP6010 @IC-30 @PCBGPP PERSOLID	03/11/05
W050001040	B1CHH3	GRP @2008	TRENT Solid, or handle as if solid @GPP6010 @IC-30 @PCBGPP PERSOLID	03/11/05
W050001041	B1CHD6	GRP @2008	TRENT Solid, or handle as if solid @GPP6010 @IC-30 @PCBGPP PERSOLID	03/11/05
W050001042	B1CHH4	GRP @2008	TRENT Solid, or handle as if solid @GPP6010 @IC-30 @PCBGPP PERSOLID	03/11/05
W050001043	B1CHD7	GRP @2008	TRENT Solid, or handle as if solid @GPP6010 @IC-30 @PCBGPP PERSOLID	03/11/05

Groundwater Remediation Program

Richland, WA 99354
Attn: Steve Trent

Customer Code: GPP
PO#: 119140/ES10
Group#: 20050636
Project#: F05-014
Proj Mgr: Steve Trent A0-21
Phone: 373-5869

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
W050001044	B1CHH5	GRP @2008 TRENT @GPP6010 @IC-30 @PCBGPP PERSOLID	Solid, or handle as if solid	03/11/05

Test Acronym Description

Test Acronym	Description
@2008	ICP-2008 MS All possible metal
@GPP6010	ICP Metals Analysis, Grd H20 P
@IC-30	Anions by Ion Chromatography
@PCBGPP	PCBs complete list
PERSOLID	Percent Solids

04/20/05 20050636

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F05-014-001	PAGE 1 OF 1

COLLECTOR: HUGHES, KD /GENT/	COMPANY CONTACT: BAUER, RG	TELEPHONE NO.: 376-5908	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 8H	DATA TURNAROUND: 30 Days / 30 Days	AIR QUALITY: ☐	
SAMPLING LOCATION: BC Controlled Area - Random B6	PROJECT DESIGNATION: BC Controlled Area Surficial Soil Characterization	SAF NO.: F05-014	
ICE CHEST NO.	FIELD LOGBOOK NO.	COA: 119140ES10	METHOD OF SHIPMENT: Government Vehicle
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.: N/A	BILL OF LADING/AIR BILL NO.: N/A	

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

POSSIBLE SAMPLE HAZARDS/ REMARKS: TIE to 200HFO

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C
TYPE OF CONTAINER	aG
NO. OF CONTAINER(S)	1
VOLUME	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1CHH6 W05000016	SOIL	3-18-05	10:55	Y

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
PMGENT/	3/18/05 1245	M0026 FRIDGE #3	3/18/05 1245
M0026 FRIDGE 3	3/22/05 0610	MWEIL	3/22/05 0610
MWEIL	3/22/05 0830		3/22/05 0830

SPECIAL INSTRUCTIONS

(1)ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Nickel, Silver, Vanadium, Zinc} ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Molybdenum, Selenium, Thallium, Tin, Uranium} ICP/MS - 200.8 (Hg) {Mercury} ICP Metals - 6010B (TAL) {Manganese} ICP Metals - 6010B (Add-On) {Boron, Lithium} IC Anions - 300.0 {Chloride, Fluoride, Sulfate} PCBs - 8082;

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

A-6003-618(03/03)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F05-014-002	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8H	DATA TURNAROUND
HUGHES, KD	BAUER, RG	376-5908	TRENT, SJ	AIR QUALITY ☐	30 Days / 30 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.
BC Controlled Area - Random AR-4	BC Controlled Area Surficial Soil Characterization	F05-014

ICE CHEST NO.	FIELD LOGBOOK NO.	COA	METHOD OF SHIPMENT
		119140ES10	Government Vehicle

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: Tie to B1CHF1

SPECIAL HANDLING AND/OR STORAGE:

PRESERVATION	Cool 4C
TYPE OF CONTAINER	aG
NO. OF CONTAINER(S)	1
VOLUME	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME										
B1CHH7 W050001030	SOIL	3-11-05	13:40	X									

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
[signature] Kevin Hughes	3-11-05 15:35	M0026 Fridge	3-11-05 15:35
[signature]	3/22/05 0610	MRWell [signature]	3/22/05 0610
MRWell [signature]	3/22/05 0930	[signature]	03/22/05 0930

SPECIAL INSTRUCTIONS

(1)ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Nickel, Silver, Vanadium, Zinc} ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Molybdenum, Selenium, Thallium, Tin, Uranium} ICP/MS - 200.8 (Hg) {Mercury} ICP Metals - 6010B (TAL) {Manganese} ICP Metals - 6010B (Add-On) {Boron, Lithium} IC Anions - 300.0 {Chloride, Fluoride, Sulfate} PCBs - 8082;

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

A-6003-618(03/03)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F05-014-003	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	8H	DATA TURNAROUND
HUGHES, KD	BAUER, RG	376-5908	TRENT, SJ			
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**	**AIR QUALITY**	☐	30 Days / 30 Days
BC Controlled Area - Random AR-5	BC Controlled Area Surficial Soil Characterization		F05-014			
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**			
		119140ES10	Government Vehicle			
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: Tie to B1CHF2

SPECIAL HANDLING AND/OR STORAGE:

PRESERVATION	Cool 4C
TYPE OF CONTAINER	aG
NO. OF CONTAINER(S)	1
VOLUME	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B1CHH8 W05000103	SOIL	3-11-05	13:45	Y

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Kevin Hughes	3-11-05 15:35	m0026 FR:d.#3	3-11-05/15:55
m0026 FRIDGE	3/22/05 0610	MR WEIL	3/22/05 0610
MR WEIL	3/22/05 0930	[illegible]	3/22/05 0930

SPECIAL INSTRUCTIONS

(1)ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Nickel, Silver, Vanadium, Zinc} ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Molybdenum, Selenium, Thallium, Tin, Uranium} ICP/MS - 200.8 (Hg) {Mercury} ICP Metals - 6010B (TAL) {Manganese} ICP Metals - 6010B (Add-On) {Boron, Lithium} IC Anions - 300.0 {Chloride, Fluoride, Sulfate} PCBs - 8082;

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

A-6003-618(03/03)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F05-014-004 PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	DATA TURNAROUND
HUGHES, KD	BAUER, RG	376-5908	TRENT, SJ	8H	30 Days / 30 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.	AIR QUALITY
BC Controlled Area - Random	BC Controlled Area Surficial Soil Characterization	F05-014	

ICE CHEST NO.	FIELD LOGBOOK NO.	COA	METHOD OF SHIPMENT
		119140ES10	Government Vehicle

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: Tie to B1CHF3

SPECIAL HANDLING AND/OR STORAGE:

PRESERVATION	Cool 4C
TYPE OF CONTAINER	aG
NO. OF CONTAINER(S)	1
VOLUME	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	[redacted]
B1CHC8 WA5010032	SOIL	3/11/05	1400	X

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Kevin Hughes	3-11-05 15:35	MW 026 Fridge #3	3-11-05 15:35
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MW6 FRIDGE 3	3/22/05 0610	M. DWEIL	3/22/05 0610
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
M. DWEIL	3/22/05 0830	[illegible]	3/22/05 0830
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

(1)ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Nickel, Silver, Vanadium, Zinc} ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Molybdenum, Selenium, Thallium, Tin, Uranium} ICP/MS - 200.8 (Hg) {Mercury} ICP Metals - 6010B (TAL) {Manganese} ICP Metals - 6010B (Add-On) {Boron, Lithium} IC Anions - 300.0 {Chloride, Fluoride, Sulfate} PCBs - 8082;

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

A-6003-618(03/03)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F05-014-005

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	8H	DATA TURNAROUND
HUGHES, KD	BAUER, RG	376-5908	TRENT, SJ			

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.	AIR QUALITY	30 Days / 30 Days
BC Controlled Area - Random B1	BC Controlled Area Surficial Soil Characterization	F05-014		

ICE CHEST NO.	FIELD LOGBOOK NO.	COA	METHOD OF SHIPMENT
		119140E510	Government Vehicle

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: Tie to B1CHF4

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C
TYPE OF CONTAINER	G
NO. OF CONTAINER(S)	1
VOLUME	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	[redacted]
B1CHC9 W05000183	SOIL	3/18/05	0857	X

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MR WEIC	3/18/05 1245	MOORE FRIDGE	3/18/05 1245
MOORE FRIDGE	3/22/05 0610	MR WEIC	3/22/05 0610
MR WEIC	3/22/05 0930	[illegible]	3/22/05 0930

SPECIAL INSTRUCTIONS

(1)ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Nickel, Silver, Vanadium, Zinc} ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Molybdenum, Selenium, Thallium, Tin, Uranium} ICP/MS - 200.8 (Hg) {Mercury} ICP Metals - 6010B (TAL) {Manganese} ICP Metals - 6010B (Add-On) {Boron, Lithium} IC Anions - 300.0 {Chloride, Fluoride, Sulfate} PCBs - 8082;

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

A-6003-618(03/03)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F05-014-006	PAGE 1 OF 1
COLLECTOR HUGHES, KD	COMPANY CONTACT BAUER, RG	TELEPHONE NO. 376-5908	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8H AIR QUALITY ☐	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION BC Controlled Area - Random B4	PROJECT DESIGNATION BC Controlled Area Surficial Soil Characterization		SAF NO. F05-014		
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 119140ES10	METHOD OF SHIPMENT Government Vehicle		
SHIPPED TO Waste Sampling & Characterization	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

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

POSSIBLE SAMPLE HAZARDS/ REMARKS: Turn to: B1CHF5

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C
TYPE OF CONTAINER	G
NO. OF CONTAINER(S)	1
VOLUME	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	[redacted]
B1CHD0 W05000104	SOIL	3/18/05	1010	X

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MR WEIR	3/18/05 1245	M0026 FRIDGE 3	3/18/05 1245
M0026 FRIDGE 3	3/22/05 0610	MR WEIR	3/22/05 0610
MR WEIR	3/22/05 0930	[illegible]	3/22/05 0930

SPECIAL INSTRUCTIONS
(1)ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Nickel, Silver, Vanadium, Zinc} ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Molybdenum, Selenium, Thallium, Tin, Uranium} ICP/MS - 200.8 (Hg) {Mercury} ICP Metals - 6010B (TAL) {Manganese} ICP Metals - 6010B (Add-On) {Boron, Lithium} IC Anions - 300.0 {Chloride, Fluoride, Sulfate} PCBs - 8082;

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

A-6003-618(03/03)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F05-014-007	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8H	DATA TURNAROUND
HUGHES, KD	BAUER, RG	376-5908	TRENT, SJ	AIR QUALITY ☐	30 Days / 30 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.
BC Controlled Area - Random B3	BC Controlled Area Surficial Soil Characterization	F05-014

ICE CHEST NO.	FIELD LOGBOOK NO.	COA	METHOD OF SHIPMENT
		119140ES10	Government Vehicle

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: TIED TO DICHF6

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C
TYPE OF CONTAINER	aG
NO. OF CONTAINER(S)	1
VOLUME	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	[redacted]
B1CHD1 W05000103J	SOIL	3/18/05	0945	X

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MRWEIL/MRW	3/18/05 1245	M0026 FRIDGE 3	3/18/05 1245
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
M0026 FRIDGE	3/22/05 0610	MRWEIL/MRW	3/22/05 0610
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MRWEIL/MRW	3/22/05 0930	[illegible]	3/22/05 0930
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

(1)ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Nickel, Silver, Vanadium, Zinc} ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Molybdenum, Selenium, Thallium, Tin, Uranium} ICP/MS - 200.8 (Hg) {Mercury} ICP Metals - 6010B (TAL) {Manganese} ICP Metals - 6010B (Add-On) {Boron, Lithium} IC Anions - 300.0 {Chloride, Fluoride, Sulfate} PCBs - 8082;

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

A-6003-618(03/03)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F05-014-008

COLLECTOR: HUGHES, KD	COMPANY CONTACT: BAUER, RG	TELEPHONE NO.: 376-5908	PROJECT COORDINATOR: TRENT, SJ
PRICE CODE: 8H	DATA TURNAROUND: 30 Days / 30 Days	AIR QUALITY:	
SAMPLING LOCATION: BC Controlled Area - Random B5	PROJECT DESIGNATION: BC Controlled Area Surficial Soil Characterization	SAF NO.: F05-014	
ICE CHEST NO.:	FIELD LOGBOOK NO.:	COA: 119140E510	METHOD OF SHIPMENT: Government Vehicle
SHIPPED TO: Waste Sampling & Characterization	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A

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

POSSIBLE SAMPLE HAZARDS/ REMARKS: TIED TO BKHF7

PRESERVATION	Cool 4C
TYPE OF CONTAINER	aG
NO. OF CONTAINER(S)	1
VOLUME	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SPECIAL HANDLING AND/OR STORAGE

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	[redacted]
B1CHD2 W05000936	SOIL	3/18/05	1030	X

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM: MR WEIL	DATE/TIME: 3/18/05 1245	RECEIVED BY/STORED IN: M0026 FRIDGE 3	DATE/TIME: 3/18/05 1245
RELINQUISHED BY/REMOVED FROM: M026 FRIDGE 3	DATE/TIME: 3/22/05 0610	RECEIVED BY/STORED IN: MR WEIL	DATE/TIME: 3/22/05 0610
RELINQUISHED BY/REMOVED FROM: MR WEIL	DATE/TIME: 3/22/05 0930	RECEIVED BY/STORED IN: [illegible]	DATE/TIME: 3/22/05 0930
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

(1)ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Nickel, Silver, Vanadium, Zinc} ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Molybdenum, Selenium, Thallium, Tin, Uranium} ICP/MS - 200.8 (Hg) {Mercury} ICP Metals - 6010B (TAL) {Manganese} ICP Metals - 6010B (Add-On) {Boron, Lithium} IC Anions - 300.0 {Chloride, Fluoride, Sulfate} PCBs - 8082;

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

A-6003-618(03/03)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F05-014-009

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	DATA TURNAROUND
HUGHES, KD	BAUER, RG	376-5908	TRENT, SJ	8H	30 Days / 30 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.	AIR QUALITY
BC Controlled Area - Random B2	BC Controlled Area Surficial Soil Characterization	F05-014	

ICE CHEST NO.	FIELD LOGBOOK NO.	COA	METHOD OF SHIPMENT
		119140ES10	Government Vehicle

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: TIED to. B1CHF8

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C
TYPE OF CONTAINER	aG
NO. OF CONTAINER(S)	1
VOLUME	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	[redacted]
B1CHD3 W0S0001037	SOIL	3/18/05	0930	X

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MR WEIC / [signature]	3/18/05 1245	M0026 FRIDGE 3	3/18/05 1245
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
M026 FRIDGE	3/23/05 0610	MWEIC / [signature]	3/22/05 0610
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
MWEIC / [signature]	3/22/05 0930	[signature]	3/22/05 0930
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

(1)ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Nickel, Silver, Vanadium, Zinc} ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Molybdenum, Selenium, Thallium, Tin, Uranium} ICP/MS - 200.8 (Hg) {Mercury} ICP Metals - 6010B (TAL) {Manganese} ICP Metals - 6010B (Add-On) {Boron, Lithium} IC Anions - 300.0 {Chloride, Fluoride, Sulfate} PCBs - 8082;

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

A-6003-618(03/03)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F05-014-010

COLLECTOR HUGHES, KD	**COMPANY CONTACT** BAUER, RG	**TELEPHONE NO.** 376-5908	**PROJECT COORDINATOR** TRENT, SJ
PRICE CODE 8H	**DATA TURNAROUND** 30 Days / 30 Days		
SAMPLING LOCATION BC Controlled Area - Random AK-7	**PROJECT DESIGNATION** BC Controlled Area Surficial Soil Characterization		**SAF NO.** F05-014
AIR QUALITY			
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA** 119140ES10	**METHOD OF SHIPMENT** Government Vehicle
SHIPPED TO Waste Sampling & Characterization	**OFFSITE PROPERTY NO.** N/A		**BILL OF LADING/AIR BILL NO.** N/A

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

POSSIBLE SAMPLE HAZARDS/ REMARKS Tie to B1CHF9

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C
TYPE OF CONTAINER	aG
NO. OF CONTAINER(S)	1
VOLUME	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	[redacted]
B1CHD4 W05001038	SOIL	3/11/05	1410	X

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Kevin Hughes	3-11-05 15:35	MO 026 Fridge #3	3-11-05/15:35
MARK PAGE	3/22/05 0610	MR WEIL	3/22/05 0610
MR WEIL	3/22/05 0930	KBC	3/22/05 0930

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

(1)ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Nickel, Silver, Vanadium, Zinc} ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Molybdenum, Selenium, Thallium, Tin, Uranium} ICP/MS - 200.8 (Hg) {Mercury} ICP Metals - 6010B (TAL) {Manganese} ICP Metals - 6010B (Add-On) {Boron, Lithium} IC Anions - 300.0 {Chloride, Fluoride, Sulfate} PCBs - 8082;

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

A-6003-618(03/03)

Fluor Hanford Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F05-014-011 | PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE	DATA TURNAROUND
HUGHES, KD	BAUER, RG	376-5908	TRENT, SJ	8H	30 Days / 30 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.	AIR QUALITY
BC Controlled Area - Focused	BC Controlled Area Surficial Soil Characterization	F05-014	

ICE CHEST NO.	FIELD LOGBOOK NO.	COA	METHOD OF SHIPMENT
		119140ES10	Government Vehicle

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: Tie to B1CHH0

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C
TYPE OF CONTAINER	BG
NO. OF CONTAINER(S)	1
VOLUME	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	[redacted]
B1CHD5 W05000039	SOIL	3/11/05	1015	X
B1CHH3 3' 1040	SOIL	3/11/05	1015	Y

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Kevin Hughes	3-11-05 15:33	M0036 Fridge #3	3-11-05/15:30
M0036 FRIDGE	3/22/05 0610	M WELL	3/22/05 0610
M WELL	3/22/05 0930	[illegible]	3/22/05 0930

SPECIAL INSTRUCTIONS

(1)ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Nickel, Silver, Vanadium, Zinc} ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Molybdenum, Selenium, Thallium, Tin, Uranium} ICP/MS - 200.8 (Hg) {Mercury} ICP Metals - 6010B (TAL) {Manganese} ICP Metals - 6010B (Add-On) {Boron, Lithium} IC Anions - 300.0 {Chloride, Fluoride, Sulfate} PCBs - 8082;

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

A-6003-618(03/03)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F05-014-012	PAGE 1 OF 1

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8H	DATA TURNAROUND
HUGHES, KD	BAUER, RG	376-5908	TRENT, SJ	AIR QUALITY	30 Days / 30 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.
BC Controlled Area - Focused A2	BC Controlled Area Surficial Soil Characterization	F05-014

ICE CHEST NO.	FIELD LOGBOOK NO.	COA	METHOD OF SHIPMENT
		119140ES10	Government Vehicle

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: Tie to B1CHH1

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C
TYPE OF CONTAINER	aG
NO. OF CONTAINER(S)	1
VOLUME	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B1CHD6 W05000104	SOIL 1'	3/11/05	1040
B1CHH4 1042	SOIL 3'	3/11/05	1040

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Kevin Hughes	15:35 3-11-05	M0026 Field	3/11/05 15:35
HDG FRIDGE	3/22/05 0610	MARVEL Fran	3/22/05 0610
MARVEL Fran	3/22/05 0630	[illegible]	3/22/05 0630

SPECIAL INSTRUCTIONS

(1)ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Nickel, Silver, Vanadium, Zinc} ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Molybdenum, Selenium, Thallium, Tin, Uranium} ICP/MS - 200.8 (Hg) {Mercury} ICP Metals - 6010B (TAL) {Manganese} ICP Metals - 6010B (Add-On) {Boron, Lithium} IC Anions - 300.0 {Chloride, Fluoride, Sulfate} PCBs - 8082;

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

A-6003-618(03/03)

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		F05-014-013	PAGE 1 OF 1
COLLECTOR HUGHES, KD	COMPANY CONTACT BAUER, RG	TELEPHONE NO. 376-5908	PROJECT COORDINATOR TRENT, SJ	PRICE CODE 8H AIR QUALITY ☐	DATA TURNAROUND 30 Days / 30 Days
SAMPLING LOCATION BC Controlled Area - Focused A3	PROJECT DESIGNATION BC Controlled Area Surficial Soil Characterization		SAF NO. F05-014		
ICE CHEST NO.	FIELD LOGBOOK NO.	COA 119140ES10	METHOD OF SHIPMENT Government Vehicle		
SHIPPED TO Waste Sampling & Characterization	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

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

POSSIBLE SAMPLE HAZARDS/ REMARKS: Tie to B1CHH2

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	Cool 4C
TYPE OF CONTAINER	aG
NO. OF CONTAINER(S)	1
VOLUME	120mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS

SAMPLE NO.	MATRIX*		SAMPLE DATE	SAMPLE TIME	[redacted]
B1CHD7 W05000104 3	SOIL	1'	3/11/05	1200	X
B1CHH5 1044	SOIL	3'	3/11/05	1200	X

CHAIN OF POSSESSION — SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
Kevin Wells 3-11-05	15:35	Moore Fridge #3	3/11/05 15:35
MORE RELEASE 3/22/05	0830	MRWELLMAN	3/22/05 0830
MRWELLMAN 3/22/05	0930	[illegible]	3/22/05 0930

SPECIAL INSTRUCTIONS

(1)ICP/MS - 200.8 (TAL) {Antimony, Barium, Cadmium, Chromium, Cobalt, Copper, Nickel, Silver, Vanadium, Zinc} ICP/MS - 200.8 (Add-on) {Arsenic, Beryllium, Lead, Molybdenum, Selenium, Thallium, Tin, Uranium} ICP/MS - 200.8 (Hg) {Mercury} ICP Metals - 6010B (TAL) {Manganese} ICP Metals - 6010B (Add-On) {Boron, Lithium} IC Anions - 300.0 {Chloride, Fluoride, Sulfate} PCBs - 8082;

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FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

A-6003-618(03/03)