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Memorandum

M8141-SLF-06-076

To: D. L. Klages H8-40 Date: April 18, 2006

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

cc:

S. J. Trent (FH)	A0-21
T. F. Dale	S3-30
H. K. Meznarich	S3-30
P. D. Mix	S3-30
J. E. Trechter	S3-30
File/LB	
(Above w/attachments)	

Subject: FINAL RESULTS FOR 200-UW-1 OPERABLE UNIT TRENCH – SAMPLE DELIVERY GROUP WSCF20060178 – SAF NUMBER R06-013

Reference:
(1) 200-UW-1 Operable Unit Support Activities Sampling – Letter of Instruction, D&D-27876, Rev. 0, dated December 14, 2005

(2) HNF-SD-CD-QAPP-017, Rev. 7, Waste Sampling & Characterization Facility Quality Assurance Plan

This letter contains a narrative (Attachment 1) for sample delivery group WSCF20060178, the analytical results (Attachment 2), and the sample receipt information (Attachment 3).

SLF/grf

Attachments 3

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JUN 26 2008
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M8141-SLF-06-076

ATTACHMENT 1

NARRATIVE

Consisting of 9 pages
Including cover page

Sample Delivery Group	**WSCF20060178**
Sample Matrix	**SOLID**
Sample Visual	**N/A**
SAF Number	**R06-013**
Data Deliverable	**Summary Report**

Introduction

Six soil samples (B1HVM6, B1HVM8, B1HVN0, B1HVN2, B3HVN3 and B1HVN4) from the 200-UW-1 Operable Unit Trench were received at the WSCF Laboratory on March 14, 2006. The samples were received in a cool condition with ice present in the coolers. The samples were analyzed for the analytes indicated on the attached copy of the chain of custody (COC) form in accordance with the *200-UW-1 Operable Unit Letter of Instruction*, referenced in the cover letter.

With the exception of VOA, all samples were taken using the Multi-Increment Sampling Program, which requires the entire sample submitted to be analyzed. This does not allow for laboratory sample duplicates or matrix spikes.

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

Refer to *WSCF Method References Report,* pages 43 through 44, for a complete listing of approved analytical methods used.

Inorganic Comments

Anions - The hold times for this analysis were met. A Blank and Laboratory Control Sample were analyzed with this batch of less than 20 samples. See page 67 for QC details. All QC controls are within the established limits.

ICP-AES Metals – The hold time for this analysis was met. A Blank and Laboratory Control Sample were analyzed with this delivery group of less than 20 samples. See page 48 for QC details. Analytical Notes:

- Sample results are reported in ug/g while blank values are reported as ug/L.
- Bismuth, Magnesium, Lithium and Silicon were detected in the associated preparation Blank sample, but none of the samples were affected.
- Iron and Potassium yielded high Laboratory Control Sample recoveries, resulting in an "E" flag.

- Titanium, Bismuth and Silicon yielded low Laboratory Control Sample recoveries, resulting in an "X" flag.

All other QC controls are within the established limits.

ICP-MS Metals – The hold time for this analysis was met. A Blank and Laboratory Control Sample were analyzed with this batch of less than 20 samples. See pages 68 through 69. Analytical Notes:

- Aluminum and Nickel were detected in the associated preparation Blank, however there was no impact to the sample results.
- Silver and Antimony yielded low Laboratory Control Sample recoveries due to an apparent digestion problem, resulting in an "X" flag.
- Thorium results listed in the report represent Th-232 exclusively.

All other QC controls are within the established limits.

pH - Laboratory QC control is within the established limits. See page 24 for QC detail.

Percent Solids – analyzed for organic moisture correction.

Organic Comments

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

Semi-VOA – The hold time for this analysis was met. A Blank, Laboratory Control Sample, and Laboratory Control Sample Duplicate were analyzed with this delivery group of less than 20 samples. See pages 53 through 57 for QC details. Analytical Notes;

Since there was no Matrix Spike or Matrix Spike Duplicate run with this batch, the Relative Percent Difference (RPD) percentages are summarized below using LCS and LCS Duplicate QC Yields:

Additional Batch QC Data - SVOAs				
QC Type	Analyte	CAS#	QC	
			Yield	RPD %
LCS	1,2,4-Trichlorobenzene	120-82-1	94.5%	
LCS – Duplicate	1,2,4-Trichlorobenzene	120-82-1	101.0%	6.650%
LCS	1,4-Dichlorobenzene	106-46-7	89.9%	

Additional Batch QC Data - SVOAs				
QC Type	Analyte	CAS#	QC	
			Yield	RPD%
LCS - Duplicate	1,4-Dichlorobenzene	106-46-7	97.8%	8.418%
LCS	2,4-Dinitrotoluene	121-14-2	85.9%	
LCS - Duplicate	2,4-Dinitrotoluene	121-14-2	93.9%	8.899%
LCS	2-Fluorophenol	367-12-4	96.4%	
LCS - Duplicate	2-Fluorophenol	367-12-4	104.0%	7.585%
LCS	Acenaphthene	83-32-9	96.9%	
LCS - Duplicate	Acenaphthene	83-32-9	104.0%	7.068%
LCS	4-Chloro-3-methylphenol	59-50-7	94.6%	
LCS - Duplicate	4-Chloro-3-methylphenol	59-50-7	101.0%	6.544%
LCS	2-Chlorophenol	95-57-8	93.1%	
LCS - Duplicate	2-Chlorophenol	95-57-8	101.0%	8.140%
LCS	N-Nitrosodi-n-dipropylamine	621-64-7	94.3%	
LCS - Duplicate	N-Nitrosodi-n-dipropylamine	621-64-7	102.0%	7.845%
LCS	2-Fluorobiphenyl	321-60-8	97.7%	
LCS – Duplicate	2-Fluorobiphenyl	321-60-8	107.0%	9.086%
LCS	Phenol	108.95-2	93.4%	
LCS -	Phenol	108.95-2	101.0%	7.819%

Additional Batch QC Data - SVOAs

QC Type	Analyte	CAS#	QC	
			Yield	RPD %
Duplicate				
LCS	Nitrobenzene-d5	4165-60-0	98.5%	
LCS - Duplicate	Nitrobenzene-d5	4165-60-0	107.0%	8.273%
LCS	4-Nitrophenol	100-02-7	101.0%	
LCS - Duplicate	4-Nitrophenol	100-02-7	100.0%	0.995%
LCS	Pentachlorophenol	87-86-5	102.0%	
LCS - Duplicate	Pentachlorophenol	87-86-5	104.0%	1.942%
LCS	Phenol-d5	4165-62-2	98.0%	
LCS - Duplicate	Phenol-d5	4165-62-2	105.0%	6.897%
LCS	Pyrene	129-00-0	94.8%	
LCS - Duplicate	Pyrene	129-00-0	102.0%	7.317%
LCS	2,4,6-Tribromophenol	118-79-6	88.3%	
LCS - Duplicate	2,4,6-Tribromophenol	118-79-6	94.8%	7.100%
LCS	Terphenyl-d14	98904-43-9	96.4%	
LCS - Duplicate	Terphenyl-d14	98904-43-9	105.0%	8.540%

TPHD-WA - The hold time for this analysis was met. A Blank, Laboratory Control Sample, and Laboratory Control Sample Duplicate were analyzed with this delivery group of less than 20 samples. See page 59 for QC details. Analytical Note:

Since there was no Matrix Spike or Matrix Spike Duplicate run with this batch, the Relative Percent Difference (RPD) percentages are summarized below using LCS and LCS Duplicate QC Yields:

Batch QC Data				
QC Type	**Analyte**	**CAS#**	**QC**	
			Yield	**RPD %**
LCS	ortho-Terphenyl (surr)	84-15-1	102.0%	
LCS - Duplicate	ortho-Terphenyl (surr)	84-15-1	102.0%	2.740%
LCS	TOTAL Pet. Hydrocarbons Diesel	TPHDIESEL	98.8%	
LCS - Duplicate	TOTAL Pet. Hydrocarbons Diesel	TPHDIESEL	99.6%	0.806%

All QC controls are within the established limits.

VOA – The hold time for this analysis was met. A Blank, Laboratory Control Sample, Matrix Spike and Matrix Spiked Duplicate were analyzed with this delivery group of less than 20 samples. See pages 63 through 66 for QC details. All QC controls are within the established limits.

Radiochemistry Comments

There are no hold times associated with WSCF radiochemical methods.

Tecnicium-99 - A Blank, Laboratory Control Sample, Post Digestion Spike and Post Digestion Duplicate were analyzed with this delivery group of less than 20 samples. See pages 47 for QC details. All QC controls are within the established limits.

Strontium – 89/90 – A Blank and Laboratory Control Sample were analyzed with this batch of less than 20 samples. See page 49 for QC details. All QC controls are within the established limits.

Gamma Energy Analysis (GEA) – A Blank, Laboratory Control Sample and Sample Duplicate were analyzed with this batch of less than 20 samples. See page 50 through 52 for QC details. All QC controls are within the established limits.

Neptunium-237 – A Blank and Laboratory Control Sample were analyzed with this batch of less than 20 samples. See page 58 for QC details. All QC controls are within the established limits.

Uranium Isotopic – A Blank and Laboratory Control Sample were analyzed with this batch of less than 20 samples. See page 60 for QC details. All QC controls are within the established limits.

Plutonium Isotopic - A Blank and Laboratory Control Sample were analyzed with this batch of less than 20 samples. See page 61 for QC details. All QC controls are within the established limits.

Amercium-241 – A Blank and Laboratory Control Sample were analyzed with this batch of less than 20 samples. See page 62 for QC details. All QC controls are within the established limits.

Radiochemical Matrix Spike Recovery			
Sample Number	Lab Sample ID	Isotope	Spike Recovery (Percent)
Neptunium-237			
B1HVM6	W060000452	Np-237	94.0%
B1HVM8	W060000453	Np-237	94.7%
B1HVN0	W060000454	Np-237	92.6%

Radiochemical Tracer Percent Recovery			
Sample Number	Lab Sample ID	Isotope	Tracer Recovery (Percent)
Americium-243			
BLANK		Am-243	84.5%
LCS		Am-243	86.2%
B1HVM6	W060000452	Am-243	72.3%
B1HVM8	W060000453	Am-243	92.8%
B1HVN0	W060000454	Am-243	70.9%
Plutonium-242			
BLANK		Pu-242	85.3%
LCS		Pu-242	90.9%
B1HVM6	W060000452	Pu-242	79.4%

Radiochemical Tracer Percent Recovery			
Sample Number	Lab Sample ID	Isotope	Tracer Recovery (Percent)
B1HVM8	W060000453	Pu-242	99.0%
B1HVN0	W060000454	Pu-242	87.9%
Strontium-85			
BLANK		Sr-85	89.0%
LCS		Sr-85	80.5%
B1HVM6	W060000452	Sr-85	67.4%
B1HVM8	W060000453	Sr-85	89.6%
B1HVN0	W060000454	Sr-85	90.3%
Uranium-232			
BLANK		U-232	85.1%
LCS		U-232	72.9%
B1HVM6	W060000452	U-232	89.9%
B1HVM8	W060000453	U-232	85.7%
B1HVN0	W060000454	U-232	84.0%

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.

John E. Trechter

John E. Trechter
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-06-076

ATTACHMENT 2

ANALYTICAL RESULTS

Consisting of 59 pages
Including cover page

WSCF
ANALYTICAL RESULTS REPORT

for

PROJECT HANFORD MANAGEMENT COMPANY
RICHLAND, WA 99354

Attention: Deanna Klages H8-40

Analytical: S. Fitzgerald

Client Services: _____

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

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Report#: 20060178
Report Date: 18-apr-2006
Report W005/ver. 1.2
PROJECT HANFORD MANAGEMENT COMPANY

WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
Organic														
W060000452	B1HVM6	K	100-02-7	4-Nitrophenol	SOLID	LA-523-456	U	< 310	ug/kg	1.00	3.1e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	106-46-7	1,4-Dichlorobenzene (SV)	SOLID	LA-523-456	U	< 480	ug/kg	1.00	4.8e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	108-95-2	Phenol	SOLID	LA-523-456	U	< 250	ug/kg	1.00	2.5e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	120-82-1	1,2,4-Trichlorobenzene	SOLID	LA-523-456	U	< 320	ug/kg	1.00	3.2e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	121-14-2	2,4-Dinitrotoluene	SOLID	LA-523-456	U	< 200	ug/kg	1.00	2.0e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	129-00-0	Pyrene	SOLID	LA-523-456	U	< 1.40e+03	ug/kg	1.00	1.4e+03	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	59-50-7	4-Chloro-3-methylphenol	SOLID	LA-523-456	U	< 170	ug/kg	1.00	1.7e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	621-64-7	N-Nitroso-di-n-propylamine	SOLID	LA-523-456	U	< 270	ug/kg	1.00	2.7e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	83-32-9	Acenaphthene	SOLID	LA-523-456	U	< 250	ug/kg	1.00	2.5e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	87-86-5	Pentachlorophenol	SOLID	LA-523-456	U	< 260	ug/kg	1.00	2.6e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	95-57-8	2-Chlorophenol	SOLID	LA-523-456	U	< 280	ug/kg	1.00	2.8e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	100-01-6	4-Nitroaniline	SOLID	LA-523-456	U	< 320	ug/kg	1.00	3.2e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	101-55-3	4-Bromophenyl-phenylether	SOLID	LA-523-456	U	< 190	ug/kg	1.00	1.9e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	105-67-9	2,4-Dimethylphenol	SOLID	LA-523-456	U	< 320	ug/kg	1.00	3.2e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	106-47-8	4-Chloroaniline	SOLID	LA-523-456	U	< 540	ug/kg	1.00	5.4e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	108-60-1	Bis(2-Chloro-1-methylene)	SOLID	LA-523-456	U	< 320	ug/kg	1.00	3.2e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	111-44-4	bis(-2-Chloroethyl)Eth	SOLID	LA-523-456	U	< 360	ug/kg	1.00	3.6e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	111-91-1	bis(2-Chloroethoxy)methane	SOLID	LA-523-456	U	< 220	ug/kg	1.00	2.2e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	117-81-7	Bis (2-Ethylhexyl) phthalate	SOLID	LA-523-456	U	< 180	ug/kg	1.00	1.8e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	117-84-0	Di-n-octylphthalate	SOLID	LA-523-456	U	< 300	ug/kg	1.00	3.0e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	118-74-1	Hexachlorobenzene	SOLID	LA-523-456	U	< 250	ug/kg	1.00	2.5e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	120-12-7	Anthracene	SOLID	LA-523-456	U	< 280	ug/kg	1.00	2.8e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	120-83-2	2,4-Dichlorophenol	SOLID	LA-523-456	U	< 160	ug/kg	1.00	1.6e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	131-11-3	Dimethylphthalate	SOLID	LA-523-456	U	< 230	ug/kg	1.00	2.3e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	132-64-9	Dibenzofuran	SOLID	LA-523-456	U	< 220	ug/kg	1.00	2.2e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	191-24-2	Benzo(g,h,i)perylene	SOLID	LA-523-456	U	< 280	ug/kg	1.00	2.8e+02	03/20/06	03/14/06	03/14/06

MDL = Minimum Detection Limit
RQ = Result Qualifier

B - The Analyte detected in both the BLANK and the SAMPLE (org.)
E - Analyte is an estimate, has potentially larger errors
X - Other flags and notes described in the comments/narrative.
B - The analyte < the RDL but > = the IDL/MDL (inorganic)
U - Analyzed for but not detected above limiting criteria.

DF = Dilution Factor

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000452	B1HVM6	K	193-39-5	Indeno(1,2,3-cd)pyrene	SOLID	LA-523-456	U	< 300	ug/kg	1.00	3.0e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	205-99-2	Benzo(b)fluoranthene	SOLID	LA-523-456	U	< 270	ug/kg	1.00	2.7e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	206-44-0	Fluoranthene	SOLID	LA-523-456	U	< 290	ug/kg	1.00	2.9e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	207-08-9	Benzo(k)fluoranthene	SOLID	LA-523-456	U	< 200	ug/kg	1.00	2.0e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	208-96-8	Acenaphthylene	SOLID	LA-523-456	U	< 270	ug/kg	1.00	2.7e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	218-01-9	Chrysene	SOLID	LA-523-456	U	< 260	ug/kg	1.00	2.6e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	50-32-8	Benzo(a)pyrene	SOLID	LA-523-456	U	< 220	ug/kg	1.00	2.2e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	51-28-5	2,4-Dinitrophenol	SOLID	LA-523-456	U	< 640	ug/kg	1.00	6.4e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	53 70-3	Dibenz(a,h)anthracene	SOLID	LA-523-456	U	< 340	ug/kg	1.00	3.4e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	534-52-1	4,6-Dinitro-2-methylphenol	SOLID	LA-523-456	U	< 460	ug/kg	1.00	4.6e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	541-73-1	1,3-Dichlorobenzene	SOLID	LA-523-456	U	< 580	ug/kg	1.00	5.8e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	56-55-3	Benzo(a)anthracene	SOLID	LA-523-456	U	< 230	ug/kg	1.00	2.3e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	606-20-2	2,6-Dinitrotoluene	SOLID	LA-523-456	U	< 250	ug/kg	1.00	2.5e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7005-72-3	4-Chlorophenyl-phenylether	SOLID	LA-523-456	U	< 190	ug/kg	1.00	1.9e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	77-47-4	Hexachlorocyclopentadiene	SOLID	LA-523-456	U	< 590	ug/kg	1.00	5.9e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	78-59-1	Isophorone	SOLID	LA-523-456	U	< 300	ug/kg	1.00	3.0e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	84-66-2	Diethylphthalate	SOLID	LA-523-456	B	710	ug/kg	1.00	4.8e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	84-74-2	Di-n-butylphthalate	SOLID	LA-523-456	U	< 590	ug/kg	1.00	5.9e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	85-01-8	Phenanthrene	SOLID	LA-523-456	U	< 260	ug/kg	1.00	2.6e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	85-68-7	Butylbenzylphthalate	SOLID	LA-523-456	U	< 150	ug/kg	1.00	1.5e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	86-30-6	N-Nitrosodiphenylamine	SOLID	LA-523-456	U	< 260	ug/kg	1.00	2.6e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	86-73-7	Fluorene	SOLID	LA-523-456	U	< 250	ug/kg	1.00	2.5e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	86-74-8	Carbazole	SOLID	LA-523-456	U	< 280	ug/kg	1.00	2.8e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	87-68-3	Hexachlorobutadiene	SOLID	LA-523-456	U	< 300	ug/kg	1.00	3.0e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	88-74-4	2-Nitroaniline	SOLID	LA-523-456	U	< 190	ug/kg	1.00	1.9e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	88-75-5	2-Nitrophenol	SOLID	LA-523-456	U	< 330	ug/kg	1.00	3.3e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	91-20-3	Naphthalene	SOLID	LA-523-456	U	< 300	ug/kg	1.00	3.0e+02	03/20/06	03/14/06	03/14/06

MDL = Minimum Detection Limit
RQ = Result Qualifier

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E - Analyte is an estimate, has potentially larger errors
X - Other flags and notes described in the comments/narrative.
B - The analyte < the RDL but > = the IDL/MDL (inorganic)
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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000452	B1HVM6	K	91-57-6	2-Methylnaphthalene	SOLID	LA-523-456	U	< 270	ug/kg	1.00	2.7e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	91-58-7	2-Chloronaphthalene	SOLID	LA-523-456	U	< 240	ug/kg	1.00	2.4e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	91-94-1	3,3'-Dichlorobenzidine	SOLID	LA-523-456	U	< 130	ug/kg	1.00	1.3e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	95-48-7	2-Methylphenol	SOLID	LA-523-456	U	< 300	ug/kg	1.00	3.0e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	95-50-1	1,2-Dichlorobenzene (SV)	SOLID	LA-523-456	U	< 460	ug/kg	1.00	4.6e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	95-95-4	2,4,5-Trichlorophenol	SOLID	LA-523-456	U	< 160	ug/kg	1.00	1.6e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	98-95-3	Nitrobenzene	SOLID	LA-523-456	U	< 300	ug/kg	1.00	3.0e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	99-09-2	3-Nitroaniline	SOLID	LA-523-456	U	< 210	ug/kg	1.00	2.1e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	65794-96-9	3 & 4 Methylphenol Total	SOLID	LA-523-456	U	< 380	ug/kg	1.00	3.8e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	67-72-1	Hexachloroethane	SOLID	LA-523-456	U	< 440	ug/kg	1.00	4.4e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	88-06-2	2,4,6-Trichlorophenol	SOLID	LA-523-456	U	< 150	ug/kg	1.00	1.5e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	124-18-5	Decane	SOLID	LA-523-456	U	< 200	ug/kg	1.00	2.0e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	112-40-3	Dodecane	SOLID	LA-523-456	U	< 140	ug/kg	1.00	1.4e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	100-51-6	Benzyl alcohol	SOLID	LA-523-456	U	< 210	ug/kg	1.00	2.1e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	111-76-2	2-Butoxyethanol	SOLID	LA-523-456	U	< 300	ug/kg	1.00	3.0e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	126-73-8	Tri-n-butylphosphate	SOLID	LA-523-456	U	< 99.0	ug/kg	1.00	99	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	91-59-8	2-Naphthylamine	SOLID	LA-523-456	U	< 480	ug/kg	1.00	4.8e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	108-94-1	Cyclohexanone	SOLID	LA-523-456	U	< 140	ug/kg	1.00	1.4e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	110-86-1	Pyridine	SOLID	LA-523-456	U	< 340	ug/kg	1.00	3.4e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	95-63-6	1,2,4-Trimethylbenzene	SOLID	LA-523-456	U	< 130	ug/kg	1.00	1.3e+02	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	65-85-0	Benzoic acid	SOLID	LA-523-456	U	< 600	ug/kg	1.00	600	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	TPHDIESEL	Total Pet. Hydrocarbons Diesel	SOLID	NWTPH	U	< 3.60e+03	ug/kg	1.00	3.6e+03	03/21/06	03/14/06	03/14/06
W060000452	B1HVM6	K	TPHKEROSENE	Kerosene	SOLID	NWTPH	U	< 3.60e+03	ug/kg	1.00	3.6e+03	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	100-02-7	4-Nitrophenol	SOLID	LA-523-456	U	< 290	ug/kg	1.00	2.9e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	106-46-7	1,4-Dichlorobenzene (SV)	SOLID	LA-523-456	U	< 440	ug/kg	1.00	4.4e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	108-95-2	Phenol	SOLID	LA-523-456	U	< 230	ug/kg	1.00	2.3e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	120-82-1	1,2,4-Trichlorobenzene	SOLID	LA-523-456	U	< 300	ug/kg	1.00	3.0e+02	03/20/06	03/14/06	03/14/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000453	B1HVM8	K	121-14-2	2,4-Dinitrotoluene	SOLID	LA-523-456	U	< 180	ug/kg	1.00	1.8e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	129-00-0	Pyrene	SOLID	LA-523-456	U	< 1.20e+03	ug/kg	1.00	1.2e+03	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	59-50-7	4-Chloro-3-methylphenol	SOLID	LA-523-456	U	< 160	ug/kg	1.00	1.6e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	621-64-7	N-Nitroso-di-n-propylamine	SOLID	LA-523-456	U	< 250	ug/kg	1.00	2.5e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	83-32-9	Acenaphthene	SOLID	LA-523-456	U	< 230	ug/kg	1.00	2.3e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	87-86-5	Pentachlorophenol	SOLID	LA-523-456	U	< 240	ug/kg	1.00	2.4e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	95-57-8	2-Chlorophenol	SOLID	LA-523-456	U	< 250	ug/kg	1.00	2.5e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	100-01-6	4-Nitroaniline	SOLID	LA-523-456	U	< 290	ug/kg	1.00	2.9e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	101-55-3	4-Bromophenyl-phenylether	SOLID	LA-523-456	U	< 170	ug/kg	1.00	1.7e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	105-67-9	2,4-Dimethylphenol	SOLID	LA-523-456	U	< 300	ug/kg	1.00	3.0e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	106-47-8	4-Chloroaniline	SOLID	LA-523-456	U	< 500	ug/kg	1.00	5.0e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	108-60-1	Bis(2-Chloro-1-methylene)	SOLID	LA-523-456	U	< 290	ug/kg	1.00	2.9e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	111-44-4	bis(-2-Chloroethyl)Eth	SOLID	LA-523-456	U	< 330	ug/kg	1.00	3.3e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	111-91-1	bis(2-Chloroethoxy)methane	SOLID	LA-523-456	U	< 200	ug/kg	1.00	2.0e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	117-81-7	Bis (2-Ethylhexyl) phthalate	SOLID	LA-523-456	U	< 170	ug/kg	1.00	1.7e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	117-84-0	Di-n-octylphthalate	SOLID	LA-523-456	U	< 280	ug/kg	1.00	2.8e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	118-74-1	Hexachlorobenzene	SOLID	LA-523-456	U	< 230	ug/kg	1.00	2.3e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	120-12-7	Anthracene	SOLID	LA-523-456	U	< 260	ug/kg	1.00	2.6e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	120-83-2	2,4-Dichlorophenol	SOLID	LA-523-456	U	< 150	ug/kg	1.00	1.5e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	131-11-3	Dimethylphthalate	SOLID	LA-523-456	U	< 210	ug/kg	1.00	2.1e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	132-64-9	Dibenzofuran	SOLID	LA-523-456	U	< 200	ug/kg	1.00	2.0e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	191-24-2	Benzo(g,h,i)perylene	SOLID	LA-523-456	U	< 260	ug/kg	1.00	2.6e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	193-39-5	Indeno(1,2,3-cd)pyrene	SOLID	LA-523-456	U	< 270	ug/kg	1.00	2.7e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	205-99-2	Benzo(b)fluoranthene	SOLID	LA-523-456	U	< 250	ug/kg	1.00	2.5e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	206-44-0	Fluoranthene	SOLID	LA-523-456	U	< 270	ug/kg	1.00	2.7e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	207-08-9	Benzo(k)fluoranthene	SOLID	LA-523-456	U	< 180	ug/kg	1.00	1.8e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	208-96-8	Acenaphthylene	SOLID	LA-523-456	U	< 240	ug/kg	1.00	2.4e+02	03/20/06	03/14/06	03/14/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000453	B1HVM8	K	218-01-9	Chrysene	SOLID	LA-523-456	U	< 240	ug/kg	1.00	2.4e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	50-32-8	Benzo(a)pyrene	SOLID	LA-523-456	U	< 200	ug/kg	1.00	2.0e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	51-28-5	2,4-Dinitrophenol	SOLID	LA-523-456	U	< 590	ug/kg	1.00	5.9e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	53-70-3	Dibenz(a,h)anthracene	SOLID	LA-523-456	U	< 310	ug/kg	1.00	3.1e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	534-52-1	4,6-Dinitro-2-methylphenol	SOLID	LA-523-456	U	< 420	ug/kg	1.00	4.2e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	541-73-1	1,3-Dichlorobenzene	SOLID	LA-523-456	U	< 530	ug/kg	1.00	5.3e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	56-55-3	Benzo(a)anthracene	SOLID	LA-523-456	U	< 210	ug/kg	1.00	2.1e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	606-20-2	2,6-Dinitrotoluene	SOLID	LA-523-456	U	< 230	ug/kg	1.00	2.3e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7005-72-3	4-Chlorophenyl-phenylether	SOLID	LA-523-456	U	< 170	ug/kg	1.00	1.7e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	77-47-4	Hexachlorocyclopentadiene	SOLID	LA-523-456	U	< 540	ug/kg	1.00	5.4e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	78-59-1	Isophorone	SOLID	LA-523-456	U	< 280	ug/kg	1.00	2.8e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	84-66-2	Diethylphthalate	SOLID	LA-523-456	B	440	ug/kg	1.00	4.4e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	84-74-2	Di-n-butylphthalate	SOLID	LA-523-456	U	< 540	ug/kg	1.00	5.4e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	85-01-8	Phenanthrene	SOLID	LA-523-456	U	< 240	ug/kg	1.00	2.4e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	85-68-7	Butylbenzylphthalate	SOLID	LA-523-456	U	< 140	ug/kg	1.00	1.4e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	86-30-6	N-Nitrosodiphenylamine	SOLID	LA-523-456	U	< 240	ug/kg	1.00	2.4e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	86-73-7	Fluorene	SOLID	LA-523-456	U	< 230	ug/kg	1.00	2.3e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	86-74-8	Carbazole	SOLID	LA-523-456	U	< 260	ug/kg	1.00	2.6e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	87-68-3	Hexachlorobutadiene	SOLID	LA-523-456	U	< 280	ug/kg	1.00	2.8e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	88-74-4	2-Nitroaniline	SOLID	LA-523-456	U	< 170	ug/kg	1.00	1.7e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	88-75-5	2-Nitrophenol	SOLID	LA-523-456	U	< 300	ug/kg	1.00	3.0e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	91-20-3	Naphthalene	SOLID	LA-523-456	U	< 270	ug/kg	1.00	2.7e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	91-57-6	2-Methylnaphthalene	SOLID	LA-523-456	U	< 250	ug/kg	1.00	2.5e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	91-58-7	2-Chloronaphthalene	SOLID	LA-523-456	U	< 220	ug/kg	1.00	2.2e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	91-94-1	3,3'-Dichlorobenzidine	SOLID	LA-523-456	U	< 120	ug/kg	1.00	1.2e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	95-48-7	2-Methylphenol	SOLID	LA-523-456	U	< 270	ug/kg	1.00	2.7e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	95-50-1	1,2-Dichlorobenzene (SV)	SOLID	LA-523-456	U	< 420	ug/kg	1.00	4.2e+02	03/20/06	03/14/06	03/14/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000453	B1HVM8	K	95-95-4	2,4,5-Trichlorophenol	SOLID	LA-523-456	U	< 150	ug/kg	1.00	1.5e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	98-95-3	Nitrobenzene	SOLID	LA-523-456	U	< 280	ug/kg	1.00	2.8e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	99-09-2	3-Nitroaniline	SOLID	LA-523-456	U	< 190	ug/kg	1.00	1.9e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	65794-96-9	3 & 4 Methylphenol Total	SOLID	LA-523-456	U	< 350	ug/kg	1.00	3.5e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	67-72-1	Hexachloroethane	SOLID	LA-523-456	U	< 400	ug/kg	1.00	4.0e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	88-06-2	2,4,6-Trichlorophenol	SOLID	LA-523-456	U	< 140	ug/kg	1.00	1.4e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	124-18-5	Decane	SOLID	LA-523-456	U	< 180	ug/kg	1.00	1.8e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	112-40-3	Dodecane	SOLID	LA-523-456	U	< 130	ug/kg	1.00	1.3e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	100-51-6	Benzyl alcohol	SOLID	LA-523-456	U	< 190	ug/kg	1.00	1.9e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	111-76-2	2-Butoxyethanol	SOLID	LA-523-456	U	< 280	ug/kg	1.00	2.8e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	126-73-8	Tri-n-butylphosphate	SOLID	LA-523-456	U	< 91.0	ug/kg	1.00	91	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	91-59-8	2-Naphthylamine	SOLID	LA-523-456	U	< 440	ug/kg	1.00	4.4e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	108-94-1	Cyclohexanone	SOLID	LA-523-456	U	< 130	ug/kg	1.00	1.3e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	110-86-1	Pyridine	SOLID	LA-523-456	U	< 320	ug/kg	1.00	3.2e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	95-63-6	1,2,4-Trimethylbenzene	SOLID	LA-523-456	U	< 120	ug/kg	1.00	1.2e+02	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	65-85-0	Benzoic acid	SOLID	LA-523-456	U	< 560	ug/kg	1.00	560	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	TPHDIESEL	Total Pet. Hydrocarbons Diesel	SOLID	NWTPH	U	< 3.50e+03	ug/kg	1.00	3.5e+03	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	TPHKEROSENE	Kerosene	SOLID	NWTPH	U	< 3.50e+03	ug/kg	1.00	3.5e+03	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	100-02-7	4-Nitrophenol	SOLID	LA-523-456	U	< 300	ug/kg	1.00	3.0e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	106-46-7	1,4-Dichlorobenzene (SV)	SOLID	LA-523-456	U	< 460	ug/kg	1.00	4.6e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	108-95-2	Phenol	SOLID	LA-523-456	U	< 240	ug/kg	1.00	2.4e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	120-82-1	1,2,4-Trichlorobenzene	SOLID	LA-523-456	U	< 310	ug/kg	1.00	3.1e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	121-14-2	2,4-Dinitrotoluene	SOLID	LA-523-456	U	< 190	ug/kg	1.00	1.9e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	129-00-0	Pyrene	SOLID	LA-523-456	U	< 1.30e+03	ug/kg	1.00	1.3e+03	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	59-50-7	4-Chloro-3-methylphenol	SOLID	LA-523-456	U	< 160	ug/kg	1.00	1.6e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	621-64-7	N-Nitroso-di-n-propylamine	SOLID	LA-523-456	U	< 260	ug/kg	1.00	2.6e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	83-32-9	Acenaphthene	SOLID	LA-523-456	U	< 240	ug/kg	1.00	2.4e+02	03/20/06	03/14/06	03/14/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000454	B1HVN0	K	87-86-5	Pentachlorophenol	SOLID	LA-523-456	U	< 250	ug/kg	1.00	2.5e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	95-57-8	2-Chlorophenol	SOLID	LA-523-456	U	< 260	ug/kg	1.00	2.6e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	100-01-6	4-Nitroaniline	SOLID	LA-523-456	U	< 300	ug/kg	1.00	3.0e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	101-55-3	4-Bromophenyl-phenylether	SOLID	LA-523-456	U	< 180	ug/kg	1.00	1.8e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	105-67-9	2,4-Dimethylphenol	SOLID	LA-523-456	U	< 310	ug/kg	1.00	3.1e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	106-47-8	4-Chloroaniline	SOLID	LA-523-456	U	< 510	ug/kg	1.00	5.1e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	108-60-1	Bis(2-Chloro-1-methylene)	SOLID	LA-523-456	U	< 300	ug/kg	1.00	3.0e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	111-44-4	bis(-2-Chloroethyl)Eth	SOLID	LA-523-456	U	< 340	ug/kg	1.00	3.4e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	111-91-1	bis(2-Chloroethoxy)methane	SOLID	LA-523-456	U	< 210	ug/kg	1.00	2.1e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	117-81-7	Bis (2-Ethylhexyl) phthalate	SOLID	LA-523-456	U	< 170	ug/kg	1.00	1.7e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	117-84-0	Di-n-octylphthalate	SOLID	LA-523-456	U	< 290	ug/kg	1.00	2.9e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	118-74-1	Hexachlorobenzene	SOLID	LA-523-456	U	< 240	ug/kg	1.00	2.4e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	120-12-7	Anthracene	SOLID	LA-523-456	U	< 260	ug/kg	1.00	2.6e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	120-83-2	2,4-Dichlorophenol	SOLID	LA-523-456	U	< 150	ug/kg	1.00	1.5e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	131-11-3	Dimethylphthalate	SOLID	LA-523-456	U	< 220	ug/kg	1.00	2.2e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	132-64-9	Dibenzofuran	SOLID	LA-523-456	U	< 210	ug/kg	1.00	2.1e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	191-24-2	Benzo(g,h,i)perylene	SOLID	LA-523-456	U	< 260	ug/kg	1.00	2.6e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	193-39-5	Indeno(1,2,3-cd)pyrene	SOLID	LA-523-456	U	< 280	ug/kg	1.00	2.8e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	205-99-2	Benzo(b)fluoranthene	SOLID	LA-523-456	U	< 250	ug/kg	1.00	2.5e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	206-44-0	Fluoranthene	SOLID	LA-523-456	U	< 270	ug/kg	1.00	2.7e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	207-08-9	Benzo(k)fluoranthene	SOLID	LA-523-456	U	< 190	ug/kg	1.00	1.9e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	208-96-8	Acenaphthylene	SOLID	LA-523-456	U	< 250	ug/kg	1.00	2.5e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	218-01-9	Chrysene	SOLID	LA-523-456	U	< 240	ug/kg	1.00	2.4e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	50-32-8	Benzo(a)pyrene	SOLID	LA-523-456	U	< 210	ug/kg	1.00	2.1e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	51-28-5	2,4-Dinitrophenol	SOLID	LA-523-456	U	< 610	ug/kg	1.00	6.1e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	53-70-3	Dibenz(a,h)anthracene	SOLID	LA-523-456	U	< 320	ug/kg	1.00	3.2e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	534-52-1	4,6-Dinitro-2-methylphenol	SOLID	LA-523-456	U	< 430	ug/kg	1.00	4.3e+02	03/20/06	03/14/06	03/14/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000454	B1HVN0	K	541-73-1	1,3-Dichlorobenzene	SOLID	LA-523-456	U	< 540	ug/kg	1.00	5.4e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	56-55-3	Benzo(a)anthracene	SOLID	LA-523-456	U	< 220	ug/kg	1.00	2.2e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	606-20-2	2,6-Dinitrotoluene	SOLID	LA-523-456	U	< 240	ug/kg	1.00	2.4e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7005-72-3	4-Chlorophenyl-phenylether	SOLID	LA-523-456	U	< 180	ug/kg	1.00	1.8e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	77-47-4	Hexachlorocyclopentadiene	SOLID	LA-523-456	U	< 560	ug/kg	1.00	5.6e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	78-59-1	Isophorone	SOLID	LA-523-456	U	< 290	ug/kg	1.00	2.9e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	84-66-2	Diethylphthalate	SOLID	LA-523-456	B	460	ug/kg	1.00	4.5e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	84-74-2	Di-n-butylphthalate	SOLID	LA-523-456	U	< 550	ug/kg	1.00	5.5e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	85-01-8	Phenanthrene	SOLID	LA-523-456	U	< 240	ug/kg	1.00	2.4e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	85-68-7	Butylbenzylphthalate	SOLID	LA-523-456	U	< 140	ug/kg	1.00	1.4e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	86-30-6	N-Nitrosodiphenylamine	SOLID	LA-523-456	U	< 250	ug/kg	1.00	2.5e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	86-73-7	Fluorene	SOLID	LA-523-456	U	< 230	ug/kg	1.00	2.3e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	86-74-8	Carbazole	SOLID	LA-523-456	U	< 270	ug/kg	1.00	2.7e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	87-68-3	Hexachlorobutadiene	SOLID	LA-523-456	U	< 290	ug/kg	1.00	2.9e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	88-74-4	2-Nitroaniline	SOLID	LA-523-456	U	< 180	ug/kg	1.00	1.8e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	88-75-5	2-Nitrophenol	SOLID	LA-523-456	U	< 310	ug/kg	1.00	3.1e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	91-20-3	Naphthalene	SOLID	LA-523-456	U	< 280	ug/kg	1.00	2.8e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	91-57-6	2-Methylnaphthalene	SOLID	LA-523-456	U	< 260	ug/kg	1.00	2.6e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	91-58-7	2-Chloronaphthalene	SOLID	LA-523-456	U	< 220	ug/kg	1.00	2.2e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	91-94-1	3,3'-Dichlorobenzidine	SOLID	LA-523-456	U	< 120	ug/kg	1.00	1.2e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	95-48-7	2-Methylphenol	SOLID	LA-523-456	U	< 280	ug/kg	1.00	2.8e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	95-50-1	1,2-Dichlorobenzene (SV)	SOLID	LA-523-456	U	< 430	ug/kg	1.00	4.3e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	95-95-4	2,4,5-Trichlorophenol	SOLID	LA-523-456	U	< 160	ug/kg	1.00	1.6e+02	03/20/06	03/14/06	03/14/06
W060000454	81HVN0	K	98-95-3	Nitrobenzene	SOLID	LA-523-456	U	< 290	ug/kg	1.00	2.9e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	99-09-2	3-Nitroaniline	SOLID	LA-523-456	U	< 200	ug/kg	1.00	2.0e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	65794-96-9	3 & 4 Methylphenol Total	SOLID	LA-523-456	U	< 360	ug/kg	1.00	3.6e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	67-72-1	Hexachloroethane	SOLID	LA-523-456	U	< 410	ug/kg	1.00	4.1e+02	03/20/06	03/14/06	03/14/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000454	B1HVN0	K	88-06-2	2,4,6-Trichlorophenol	SOLID	LA-523-456	U	< 140	ug/kg	1.00	1.4e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	124-18-5	Decane	SOLID	LA-523-456	U	< 190	ug/kg	1.00	1.9e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	112-40-3	Dodecane	SOLID	LA-523-456	U	< 130	ug/kg	1.00	1.3e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	100-51-6	Benzyl alcohol	SOLID	LA-523-456	U	< 190	ug/kg	1.00	1.9e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	111-76-2	2-Butoxyethanol	SOLID	LA-523-456	U	< 280	ug/kg	1.00	2.8e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	126-73-8	Tri-n-butylphosphate	SOLID	LA-523-456	U	< 94.0	ug/kg	1.00	94	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	91-59-8	2-Naphthylamine	SOLID	LA-523-456	U	< 460	ug/kg	1.00	4.6e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	108-94-1	Cyclohexanone	SOLID	LA-523-456	U	< 130	ug/kg	1.00	1.3e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	110-86-1	Pyridine	SOLID	LA-523-456	U	< 320	ug/kg	1.00	3.2e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	95-63-6	1,2,4-Trimethylbenzene	SOLID	LA-523-456	U	< 120	ug/kg	1.00	1.2e+02	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	65-85-0	Benzoic acid	SOLID	LA-523-456	U	< 570	ug/kg	1.00	570	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	TPHDIESEL	Total Pet. Hydrocarbons Diesel	SOLID	NWTPH	U	< 3.30e+03	ug/kg	1.00	3.3e+03	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	TPHKEROSENE	Kerosene	SOLID	NWTPH	U	< 3.30e+03	ug/kg	1.00	3.3e+03	03/21/06	03/14/06	03/14/06
W060000455	B1HVN2	K	75-35-4	1,1-Dichloroethene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	79-01-6	Trichloroethene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	71-43-2	Benzene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	108-88-3	Toluene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	108-90-7	Chlorobenzene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	75-34-3	1,1-Dichloroethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	100-41-4	Ethylbenzene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	100-42-5	Styrene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	10061-01-5	cis-1,3-Dichloropropene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	10061-02-6	trans-1,3-Dichloropropene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	107-06-2	1,2-Dichloroethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	108-10-1	4-Methyl-2-pentanone	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	124-48-1	Dibromochloromethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	127-18-4	Tetrachloroethene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000455	B1HVN2	K	1330-20-7	Total Xylenes	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	540-59-0	1,2-Dichloroethene (cis & tran	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	56-23-5	Carbon Tetrachloride	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	591-78-6	2-Hexanone	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	67-64-1	Acetone	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	67-66-3	Chloroform	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	71-55-6	1,1,1-Trichloroethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	74-83-9	Bromomethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	74-87-3	Chloromethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	75-00-3	Chloroethana	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	75-01-4	Vinyl Chloride	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	75-09-2	Methylene Chloride	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	75-15-0	Carbon Disulfide	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	75-25-2	Bromoform	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	75-27-4	Bromodichloromethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	78-87-5	1,2-Dichloropropane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	78-93-3	2-Butanone	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	79-00-5	1,1,2-Trichloroethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	79-34-5	1,1,2,2-Tetrachloroethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	71-36-3	1-Butanol	SOLID	LA-523-455	U	< 40.0	ug/kg	1.00	40	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	107-87-9	2-Pentanone	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	110-82-7	Cyclohexane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	110-54-3	Hexane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	109-99-9	Tetrahydrofuran	SOLID	LA-523-455	U	< 4.00	ug/kg	1.00	4.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	75-69-4	Trichlorofluoromethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	104-51-8	n-Butylbenzene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	156-60-5	trans-1,2-Dichloroethylene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06

MDL=Minimum Detection Limit
RQ=Result Qualifier

B - The Analyte detected in both the BLANK and the SAMPLE (org.)
E - Analyte is an estimate, has potentially larger errors
X - Other flags and notes described in the comments/narrative.
B - The analyte < the RDL but >= the IDL/MDL (inorganic)
U - Analyzed for but not detected above limiting criteria.

DF=Dilution Factor

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000455	B1HVN2	K	75-05-08	Acetonitrile	SOLID	LA-523-455	U	< 4.00	ug/kg	1.00	4.0	03/23/06	03/14/06	03/14/06
W060000455	B1HVN2	K	156-59-2	cis-1,2-Dichloroethylene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	75-35-4	1,1-Dichloroethene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	79-01-6	Trichloroethene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	71-43-2	Benzene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	108-88-3	Toluene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	108-90-7	Chlorobenzene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	75-34-3	1,1-Dichloroethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	100-41-4	Ethylbenzene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	100-42-5	Styrene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	10061-01-5	cis-1,3-Dichloropropene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	10061-02-6	trans-1,3-Dichloropropene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	107-06-2	1,2-Dichloroethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	108-10-1	4-Methyl-2-pentanone	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	124-48-1	Dibromochloromethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	127-18-4	Tetrachloroethene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	1330-20-7	Total Xylenes	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	540-59-0	1,2-Dichloroethene (cis & tran	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	56-23-5	Carbon Tetrachloride	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	591-78-6	2-Hexanone	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	67-64-1	Acetone	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	67-66-3	Chloroform	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	71-55-6	1,1,1-Trichloroethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	74-83-9	Bromomethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	74-87-3	Chloromethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	75-00-3	Chloroethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	75-01-4	Vinyl Chloride	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000456	B1HVN3	K	75-09-2	Methylene Chloride	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	75-15-0	Carbon Disulfide	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	75-25-2	Bromoform	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	75-27-4	Bromodichloromethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	78-87-5	1,2-Dichloropropane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	78-93-3	2-Butanone	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	79-00-5	1,1,2-Trichloroethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	79-34-5	1,1,2,2-Tetrachloroethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	71-36-3	1-Butanol	SOLID	LA-523-455	U	< 43.0	ug/kg	1.00	43	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	107-87-9	2-Pentanone	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	110-82-7	Cyclohexane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	110-54-3	Hexane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	109-99-9	Tetrahydrofuran	SOLID	LA-523-455	U	< 4.30	ug/kg	1.00	4.3	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	75-69-4	Trichlorofluoromethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	104-51-8	n-Butylbenzene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	156-60-5	trans-1,2-Dichloroethylene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	75-05-08	Acetonitrile	SOLID	LA-523-455	U	< 4.30	ug/kg	1.00	4.3	03/23/06	03/14/06	03/14/06
W060000456	B1HVN3	K	156-59-2	cis-1,2-Dichloroethylene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	75-35-4	1,1-Dichloroethene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	79-01-6	Trichloroethene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	71-43-2	Benzene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	108-88-3	Toluene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	108-90-7	Chlorobenzene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	75-34-3	1,1-Dichloroethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	100-41-4	Ethylbenzene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	100-42-5	Styrene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	10061-01-5	cis-1,3-Dichloropropene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000457	B1HVN4	K	10061-02-6	trans-1,3-Dichloropropene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	107-06-2	1,2-Dichloroethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	108-10-1	4-Methyl-2-pentanone	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	124-48-1	Dibromochloromethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	127-18-4	Tetrachloroethene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	1330-20-7	Total Xylenes	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	540-59-0	1,2-Dichloroethene (cis & tran	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	56-23-5	Carbon Tetrachloride	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	591-78-6	2-Hexanone	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	67-64-1	Acetone	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	67-66-3	Chloroform	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	71-55-6	1,1,1-Trichloroethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	74-83-9	Bromomethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	74-87-3	Chloromethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	75-00-3	Chloroethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	75-01-4	Vinyl Chloride	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	75-09-2	Methylene Chloride	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	75-15-0	Carbon Disulfide	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	75-25-2	Bromoform	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	75-27-4	Bromodichloromethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	78-87-5	1,2-Dichloropropane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	78-93-3	2-Butanone	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	79-00-5	1,1,2-Trichloroethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	79-34-5	1,1,2,2-Tetrachloroethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	71-36-3	1-Butanol	SOLID	LA-523-455	U	< 43.0	ug/kg	1.00	43	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	107-87-9	2-Pentanone	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	110-82-7	Cyclohexane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000457	B1HVN4	K	110-54-3	Hexane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	109-99-9	Tetrahydrofuran	SOLID	LA-523-455	U	< 4.30	ug/kg	1.00	4.3	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	75-69-4	Trichlorofluoromethane	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	104-51-8	n-Butylbenzene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	156-60-5	trans-1,2-Dichloroethylene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	75-05-08	Acetonitrile	SOLID	LA-523-455	U	< 4.30	ug/kg	1.00	4.3	03/23/06	03/14/06	03/14/06
W060000457	B1HVN4	K	156-59-2	cis-1,2-Dichloroethylene	SOLID	LA-523-455	U	< 2.10	ug/kg	1.00	2.1	03/23/06	03/14/06	03/14/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
Inorganic														
W060000452	B1HVM6	K	TS	Percent Solids	SOLID	LA-519-412		89.7	%	1.00	0.0	03/17/06	03/14/06	03/14/06
W060000452	B1HVM6	K	16984-48-8	Fluoride (F) by IC	SOLID	LA-533-410	U	< 2.00	ug/g	50.00	2.0	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	16887-00-6	Chloride (Cl) by IC	SOLID	LA-533-410	B	6.52	ug/g	50.00	1.7	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	NO2-N	Nitrite (N) by IC	SOLID	LA-533-410	U	< 0.490	ug/g	50.00	0.49	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	24959-67-9	Bromide (Br) by IC	SOLID	LA-533-410	U	< 4.65	ug/g	50.00	4.6	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	NO3-N	Nitrate (N) by IC	SOLID	LA-533-410		5.55	ug/g	50.00	0.90	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	PO4-P	Phosphate (P) by IC	SOLID	LA-533-410	U	< 3.90	ug/g	50.00	3.9	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	14808-79-8	Sulfate (SO4) by IC	SOLID	LA-533-410	B	26.2	ug/g	50.00	6.5	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7429-90-5	Aluminum by ICP	SOLID	LA-505-411		1.16e+03	ug/g	98.47	2.7	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7439-89-6	Iron by ICP	SOLID	LA-505-411	E	4.95e+03	ug/g	9.85e+002	21	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7439-95-4	Magnesium by ICP	SOLID	LA-505-411		1.03e+03	ug/g	98.47	1.9	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-09-7	Potassium by ICP	SOLID	LA-505-411	E	204	ug/g	98.47	11	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-23-5	Sodium by ICP	SOLID	LA-505-411		64.5	ug/g	98.47	20	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-70-2	Calcium by ICP	SOLID	LA-505-411		1.62e+03	ug/g	98.47	1.6	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7439-93-2	Lithium by ICP	SOLID	LA-505-411		1.32	ug/g	98.47	0.098	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-32-6	Titanium by ICP	SOLID	LA-505-411	X	202	ug/g	98.47	0.098	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-42-8	Boron by ICP	SOLID	LA-505-411	U	< 2.56	ug/g	98.47	2.6	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-69-9	Bismuth by ICP	SOLID	LA-505-411	UX	< 2.17	ug/g	98.47	2.2	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-21-3	Silicon by ICP	SOLID	LA-505-411	X	16.6	ug/g	98.47	1.7	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7439-96-5	Manganese by ICP-MS	SOLID	LA-505-412		364	ug/g	6.05	0.12	03/21/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-02-0	Nickel by ICP-MS	SOLID	LA-505-412		9.13	ug/g	6.05	0.36	03/21/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-22-4	Silver by ICP-MS	SOLID	LA-505-412	UX	< 0.242	ug/g	6.05	0.24	03/21/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-36-0	Antimony by ICP-MS	SOLID	LA-505-412	UX	< 1.82	ug/g	6.05	1.8	03/21/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-39-3	Barium by ICP-MS	SOLID	LA-505-412		87.4	ug/g	6.05	1.2	03/21/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-41-7	Beryllium by ICP-MS	SOLID	LA-505-412		0.281	ug/g	6.05	0.12	03/21/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-43-9	Cadmium by ICP-MS	SOLID	LA-505-412	U	< 0.242	ug/g	6.05	0.24	03/21/06	03/14/06	03/14/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000452	B1HVM6	K	7440-47-3	Chromium by ICP-MS	SOLID	LA-505-412		5.48	ug/g	6.05	4.2	03/21/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-48-4	Cobalt by ICP-MS	SOLID	LA-505-412		9.23	ug/g	6.05	0.12	03/21/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-50-8	Copper by ICP-MS	SOLID	LA-505-412		14.7	ug/g	6.05	1.2	03/21/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-62-2	Vanadium by ICP-MS	SOLID	LA-505-412		41.6	ug/g	6.05	3.0	03/21/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-66-6	Zinc by ICP-MS	SOLID	LA-505-412		42.3	ug/g	6.05	1.8	03/21/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7439-92-1	Lead by ICP-MS	SOLID	LA-505-412		4.57	ug/g	6.05	0.30	03/21/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7439-97-6	Mercury by ICP-MS	SOLID	LA-505-412		1.35	ug/g	6.05	0.24	03/21/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7439-98-7	Molybdenum by ICP-MS	SOLID	LA-505-412	U	< 0.605	ug/g	6.05	0.60	03/21/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-29-1	Thorium by ICP-MS	SOLID	LA-505-412		2.73	ug/g	6.05	0.30	03/21/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-61-1	Uranium by ICP-MS	SOLID	LA-505-412		0.825	ug/g	6.05	0.12	03/21/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-38-2	Arsenic by ICP-MS	SOLID	LA-505-412	U	< 6.05	ug/g	6.05	6.0	03/21/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7782-49-2	Selenium by ICP-MS	SOLID	LA-505-412	U	< 2.42	ug/g	6.05	2.4	03/21/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-28-0	Thallium by ICP-MS	SOLID	LA-505-412		0.585	ug/g	6.05	0.18	03/21/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-24-6	Strontium by ICP-MS	SOLID	LA-505-412		26.1	ug/g	6.05	0.18	03/21/06	03/14/06	03/14/06
W060000452	B1HVM6	K	7440-31-5	Tin	SOLID	LA-505-412	U	< 0.302	ug/g	6.05	0.30	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	TS	Percent Solids	SOLID	LA-519-412		93.3	%	1.00	0.0	03/17/06	03/14/06	03/14/06
W060000453	B1HVM8	K	16984-48-8	Fluoride (F) by IC	SOLID	LA-533-410	U	< 2.00	ug/g	50.00	2.0	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	16887-00-6	Chloride (Cl) by IC	SOLID	LA-533-410	B	3.64	ug/g	50.00	1.7	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	NO2-N	Nitrite (N) by IC	SOLID	LA-533-410	U	< 0.490	ug/g	50.00	0.49	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	24959-67-9	Bromide (Br) by IC	SOLID	LA-533-410	U	< 4.65	ug/g	50.00	4.6	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	NO3-N	Nitrate (N) by IC	SOLID	LA-533-410	B	3.58	ug/g	50.00	0.90	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	PO4-P	Phosphate (P) by IC	SOLID	LA-533-410	U	< 3.90	ug/g	50.00	3.9	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	14808-79-8	Sulfate (SO4) by IC	SOLID	LA-533-410	B	30.0	ug/g	50.00	6.5	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7429-90-5	Aluminum by ICP	SOLID	LA-505-411		1.16e+03	ug/g	86.37	2.3	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7439-89-6	Iron by ICP	SOLID	LA-505-411	E	4.91e+03	ug/g	8.64e+002	18	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7439-95-4	Magnesium by ICP	SOLID	LA-505-411		1.02e+03	ug/g	86.37	1.6	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-09-7	Potassium by ICP	SOLID	LA-505-411	E	211	ug/g	86.37	9.9	03/20/06	03/14/06	03/14/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000453	B1HVM8	K	7440-23-5	Sodium by ICP	SOLID	LA-505-411		63.9	ug/g	86.37	17	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-70-2	Calcium by ICP	SOLID	LA-505-411		1.59e+03	ug/g	86.37	1.4	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7439-93-2	Lithium by ICP	SOLID	LA-505-411		1.09	ug/g	86.37	0.086	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-32-6	Titanium by ICP	SOLID	LA-505-411	X	185	ug/g	86.37	0.086	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-42-8	Boron by ICP	SOLID	LA-505-411	U	< 2.25	ug/g	86.37	2.2	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-69-9	Bismuth by ICP	SOLID	LA-505-411	UX	< 1.90	ug/g	86.37	1.9	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-21-3	Silicon by ICP	SOLID	LA-505-411	X	12.5	ug/g	86.37	1.5	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7439-96-5	Manganese by ICP-MS	SOLID	LA-505-412		359	ug/g	5.14	0.10	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-02-0	Nickel by ICP-MS	SOLID	LA-505-412		9.19	ug/g	5.14	0.31	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-22-4	Silver by ICP-MS	SOLID	LA-505-412	UX	< 0.206	ug/g	5.14	0.21	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-36-0	Antimony by ICP-MS	SOLID	LA-505-412	UX	< 1.54	ug/g	5.14	1.5	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-39-3	Barium by ICP-MS	SOLID	LA-505-412		84.1	ug/g	5.14	1.0	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-41-7	Beryllium by ICP-MS	SOLID	LA-505-412		0.219	ug/g	5.14	0.10	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-43-9	Cadmium by ICP-MS	SOLID	LA-505-412	U	< 0.206	ug/g	5.14	0.21	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-47-3	Chromium by ICP-MS	SOLID	LA-505-412		5.17	ug/g	5.14	3.6	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-48-4	Cobalt by ICP-MS	SOLID	LA-505-412		8.85	ug/g	5.14	0.10	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-50-8	Copper by ICP-MS	SOLID	LA-505-412		14.1	ug/g	5.14	1.0	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-62-2	Vanadium by ICP-MS	SOLID	LA-505-412		37.1	ug/g	5.14	2.6	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-66-6	Zinc by ICP-MS	SOLID	LA-505-412		40.2	ug/g	5.14	1.5	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7439-92-1	Lead by ICP-MS	SOLID	LA-505-412		4.19	ug/g	5.14	0.26	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7439-97-6	Mercury by ICP-MS	SOLID	LA-505-412		0.843	ug/g	5.14	0.21	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7439-98-7	Molybdenum by ICP-MS	SOLID	LA-505-412	U	< 0.514	ug/g	5.14	0.51	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-29-1	Thorium by ICP-MS	SOLID	LA-505-412		2.35	ug/g	5.14	0.26	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-61-1	Uranium by ICP-MS	SOLID	LA-505-412		0.689	ug/g	5.14	0.10	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-38-2	Arsenic by ICP-MS	SOLID	LA-505-412	U	< 5.14	ug/g	5.14	5.1	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7782-49-2	Selenium by ICP-MS	SOLID	LA-505-412	U	< 2.06	ug/g	5.14	2.1	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-28-0	Thallium by ICP-MS	SOLID	LA-505-412	U	< 0.154	ug/g	5.14	0.15	03/21/06	03/14/06	03/14/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000453	B1HVM8	K	7440-24-6	Strontium by ICP-MS	SOLID	LA-505-412		25.8	ug/g	5.14	0.15	03/21/06	03/14/06	03/14/06
W060000453	B1HVM8	K	7440-31-5	Tin	SOLID	LA-505-412	U	< 0.257	ug/g	5.14	0.26	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	TS	Percent Solids	SOLID	LA-519-412		93.9	%	1.00	0.0	03/17/06	03/14/06	03/14/06
W060000454	B1HVN0	K	16984-48-8	Fluoride (F) by IC	SOLID	LA-533-410	U	< 2.00	ug/g	50.00	2.0	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	16887-00-6	Chloride (Cl) by IC	SOLID	LA-533-410	B	3.88	ug/g	50.00	1.7	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	NO2-N	Nitrite (N) by IC	SOLID	LA-533-410	U	< 0.490	ug/g	50.00	0.49	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	24959-67-9	Bromide (Br) by IC	SOLID	LA-533-410	U	< 4.65	ug/g	50.00	4.6	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	NO3-N	Nitrate (N) by IC	SOLID	LA-533-410	B	3.67	ug/g	50.00	0.90	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	PO4-P	Phosphate (P) by IC	SOLID	LA-533-410	U	< 3.90	ug/g	50.00	3.9	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	14808-79-8	Sulfate (SO4) by IC	SOLID	LA-533-410	B	17.1	ug/g	50.00	6.5	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7429-90-5	Aluminum by ICP	SOLID	LA-505-411		1.13e+03	ug/g	81.38	2.2	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7439-89-6	Iron by ICP	SOLID	LA-505-411	E	4.80e+03	ug/g	8.14e+002	17	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7439-95-4	Magnesium by ICP	SOLID	LA-505-411		1.02e+03	ug/g	81.38	1.5	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-09-7	Potassium by ICP	SOLID	LA-505-411	E	189	ug/g	81.38	9.4	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-23-5	Sodium by ICP	SOLID	LA-505-411		61.3	ug/g	81.38	16	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-70-2	Calcium by ICP	SOLID	LA-505-411		1.60e+03	ug/g	81.38	1.3	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7439-93-2	Lithium by ICP	SOLID	LA-505-411		1.28	ug/g	81.38	0.081	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-32-6	Titanium by ICP	SOLID	LA-505-411	X	182	ug/g	81.38	0.081	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-42-8	Boron by ICP	SOLID	LA-505-411	U	< 2.12	ug/g	81.38	2.1	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-69-9	Bismuth by ICP	SOLID	LA-505-411	UX	< 1.79	ug/g	81.38	1.8	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-21-3	Silicon by ICP	SOLID	LA-505-411	X	5.65	ug/g	81.38	1.4	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7439-96-5	Manganese by ICP-MS	SOLID	LA-505-412		344	ug/g	5.35	0.11	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-02-0	Nickel by ICP-MS	SOLID	LA-505-412		9.18	ug/g	5.35	0.32	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-22-4	Silver by ICP-MS	SOLID	LA-505-412	UX	< 0.214	ug/g	5.35	0.21	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-36-0	Antimony by ICP-MS	SOLID	LA-505-412	UX	< 1.60	ug/g	5.35	1.6	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-39-3	Barium by ICP-MS	SOLID	LA-505-412		83.3	ug/g	5.35	1.1	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-41-7	Beryllium by ICP-MS	SOLID	LA-505-412		0.196	ug/g	5.35	0.11	03/21/06	03/14/06	03/14/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000454	B1HVN0	K	7440-43-9	Cadmium by ICP-MS	SOLID	LA-505-412	U	< 0.214	ug/g	5.35	0.21	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-47-3	Chromium by ICP-MS	SOLID	LA-505-412		5.15	ug/g	5.35	3.7	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-48-4	Cobalt by ICP-MS	SOLID	LA-505-412		8.76	ug/g	5.35	0.11	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-50-8	Copper by ICP-MS	SOLID	LA-505-412		14.0	ug/g	5.35	1.1	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-62-2	Vanadium by ICP-MS	SOLID	LA-505-412		33.6	ug/g	5.35	2.7	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-66-6	Zinc by ICP-MS	SOLID	LA-505-412		42.1	ug/g	5.35	1.6	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7439-92-1	Lead by ICP-MS	SOLID	LA-505-412		4.11	ug/g	5.35	0.27	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7439-97-6	Mercury by ICP-MS	SOLID	LA-505-412		0.580	ug/g	5.35	0.21	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7439-98-7	Molybdenum by ICP-MS	SOLID	LA-505-412	U	< 0.535	ug/g	5.35	0.54	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-29-1	Thorium by ICP-MS	SOLID	LA-505-412		2.25	ug/g	5.35	0.27	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-61-1	Uranium by ICP-MS	SOLID	LA-505-412		0.629	ug/g	5.35	0.11	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-38-2	Arsenic by ICP-MS	SOLID	LA-505-412	U	< 5.35	ug/g	5.35	5.4	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7782-49-2	Selenium by ICP-MS	SOLID	LA-505-412	U	< 2.14	ug/g	5.35	2.1	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-28-0	Thallium by ICP-MS	SOLID	LA-505-412	U	< 0.160	ug/g	5.35	0.16	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-24-6	Strontium by ICP-MS	SOLID	LA-505-412		27.0	ug/g	5.35	0.16	03/21/06	03/14/06	03/14/06
W060000454	B1HVN0	K	7440-31-5	Tin	SOLID	LA-505-412	U	< 0.268	ug/g	5.35	0.27	03/21/06	03/14/06	03/14/06
W060000455	B1HVN2	K	TS	Percent Solids	SOLID	LA-519-412		>99.5	%	1.00	0.0	03/28/06	03/14/06	03/14/06
W060000456	B1HVN3	K	TS	Percent Solids	SOLID	LA-519-412		93.7	%	1.00	0.0	03/28/06	03/14/06	03/14/06
W060000457	B1HVN4	K	TS	Percent Solids	SOLID	LA-519-412		93.1	%	1.00	0.0	03/28/06	03/14/06	03/14/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
Radiochemistry														
W060000452	B1HVM6	K	14596-10-2	Am-241 by AEA	SOLID	LA-508-471	U	8.40e-03	pCi/g	1.00	0.26	03/27/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Am-241 by AEA Total Cntg Error	SOLID	LA-508-471		110	%	1.00	0.0	03/27/06	03/14/06	03/14/06
W060000452	B1HVM6	K	14596-10-2	Am-241 by GEA	SOLID	LA-508-481	U	-6.15e-03	pCi/g	1.00	0.074	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Am-241 Rel Count Error (GEA)	SOLID	LA-508-481		714	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	14234-35-6	Sb-125 by GEA	SOLID	LA-508-481	U	2.52e-03	pCi/g	1.00	0.029	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Sb-125 Rel. Count Error (GEA)	SOLID	LA-508-481		679	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	13981-41-4	Ba-133 by GEA	SOLID	LA-508-481	U	0.0120	pCi/g	1.00	0.014	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Ba-133 Rel. Count Error (GEA)	SOLID	LA-508-481		75.0	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	14762-78-8	Ce-144 by GEA	SOLID	LA-508-481	U	-0.0723	pCi/g	1.00	0.086	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Ce-144 Rel. Count Error (GEA)	SOLID	LA-508-481		100	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	CE/PR-144	CePr-144 by GEA	SOLID	LA-508-481	U	-0.145	pCi/g	1.00	0.17	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	CePr-144 Rel. Count Error	SOLID	LA-508-481		100	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	10198-40-0	Co-60 by GEA	SOLID	LA-508-481	U	-4.37e-03	pCi/g	1.00	9.8e-03	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Co-60 Rel. Count Error (GEA)	SOLID	LA-508-481		134	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	13967-70-9	Cs-134 by GEA	SOLID	LA-508-481	U	0.0312	pCi/g	1.00	0.040	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Cs-134 Rel. Count Error (GEA)	SOLID	LA-508-481		100	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	10045-97-3	Cs-137 by GEA	SOLID	LA-508-481		0.0248	pCi/g	1.00	0.011	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Cs-137 Rel. Count Error (GEA)	SOLID	LA-508-481		41.4	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	14683-23-9	Eu-152 by GEA	SOLID	LA-508-481	U	-0.0183	pCi/g	1.00	0.031	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Eu-152 Rel. Count Error (GEA)	SOLID	LA-508-481		127	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	15585-10-1	Eu-154 by GEA	SOLID	LA-508-481	U	1.52e-03	pCi/g	1.00	0.032	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Eu-154 Rel. Count Error (GEA)	SOLID	LA-508-481		1.00e+03	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	14391-16-3	Eu-155 by GEA	SOLID	LA-508-481		0.0569	pCi/g	1.00	0.046	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Eu-155 Rel. Count Error (GEA)	SOLID	LA-508-481		60.4	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	13966-00-2	K-40 by GEA	SOLID	LA-508-481		13.2	pCi/g	1.00	0.079	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	K-40 Rel.% Count Error (GEA)	SOLID	LA-508-481		13.5	%	1.00	0.0	03/15/06	03/14/06	03/14/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000452	B1HVM6	K	14681-63-1	Nb-94 by GEA	SOLID	LA-508-481	U	2.75e-03	pCi/g	1.00	9.9e-03	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Nb-94 Rel. Count Error (GEA)	SOLID	LA-508-481		208	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	13982-63-3	Ra-226 by GEA	SOLID	LA-508-481		0.518	pCi/g	1.00	0.019	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Ra-226 Rel. Count Error (GEA)	SOLID	LA-508-481		16.3	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	15262-20-1	Ra-228 by GEA	SOLID	LA-508-481		0.664	pCi/g	1.00	0.035	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Ra-228 Rel. Count Error (GEA)	SOLID	LA-508-481		17.5	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	13967-48-1	Ru-106 by GEA	SOLID	LA-508-481	U	-0.0227	pCi/g	1.00	0.089	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Ru-106 Rel. Count Error (GEA)	SOLID	LA-508-481		230	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	15832-50-5	Sn-126 by GEA	SOLID	LA-508-481	U	0.129	pCi/g	1.00	0.13	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Sn-126 Rel. Count Error (GEA)	SOLID	LA-508-481		27.4	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	15065-10-8	Th-234 by GEA	SOLID	LA-508-481		1.03	pCi/g	1.00	0.62	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Th-234 Rel. Count Error (GEA)	SOLID	LA-508-481		26.0	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	15117-96-1	U-235 by GEA	SOLID	LA-508-481		0.0926	pCi/g	1.00	0.088	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	U-235 Rel. Count Error (GEA)	SOLID	LA-508-481		78.4	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	13982-39-3	Zn-65 by GEA	SOLID	LA-508-481	U	-5.54e-03	pCi/g	1.00	0.023	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Zn-65 Rel. Count Error (GEA)	SOLID	LA-508-481		290	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	14331-83-0	Ac-228 by GEA	SOLID	LA-508-481		0.664	pCi/g	1.00	0.035	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Ac-228 Rel. Count Error (GEA)	SOLID	LA-508-481		17.5	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	14913-49-6	Bi-212 by GEA	SOLID	LA-508-481		0.417	pCi/g	1.00	0.079	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Bi-212 Rel. Count Error (GEA)	SOLID	LA-508-481		27.0	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	14733-03-0	Bi-214 by GEA	SOLID	LA-508-481		0.518	pCi/g	1.00	0.019	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Bi-214 Rel. Count Error (GEA)	SOLID	LA-508-481		16.3	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	15092-94-1	Pb-212 by GEA	SOLID	LA-508-481		0.669	pCi/g	1.00	0.022	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Pb-212 Rel. Count Error (GEA)	SOLID	LA-508-481		13.5	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	15067-28-4	Pb-214 by GEA	SOLID	LA-508-481		0.567	pCi/g	1.00	0.023	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Pb-214 Rel. Count Error (GEA)	SOLID	LA-508-481		14.3	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	13968-53-1	Ru-103 by GEA	SOLID	LA-508-481	U	5.29e-03	pCi/g	1.00	0.010	03/15/06	03/14/06	03/14/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000452	B1HVM6	K	E,T,C	Ru-103 Rel. Count Error (GEA)	SOLID	LA-508-481		114	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	13966-06-8	Sn-113 by GEA	SOLID	LA-508-481	U	4.82e-04	pCi/g	1.00	0.013	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Sn-113 Rel. Count Error (GEA)	SOLID	LA-508-481		1.00e+03	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	14913-50-9	Tl-208 by GEA	SOLID	LA-508-481		0.212	pCi/g	1.00	0.010	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Tl-208 Rel. Count Error (GEA)	SOLID	LA-508-481		16.5	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000452	B1HVM6	K	13994-20-2	Np-237 by AEA	SOLID	LA-508-471		0.0110	pCi/g	1.00	2.1e-03	03/22/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Np-237 by AEA Total Ctng Error	SOLID	LA-508-471		60.0	%	1.00	0.0	03/22/06	03/14/06	03/14/06
W060000452	B1HVM6	K	13981-16-3	Pu-238 by AEA	SOLID	LA-508-471	U	1.10e-03	pCi/g	1.00	0.026	03/27/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Pu-238 by AEA Total Cntg Error	SOLID	LA-508-471		1.00e+03	%	1.00	0.0	03/27/06	03/14/06	03/14/06
W060000452	B1HVM6	K	PU-239/240	Pu-239/240 by AEA	SOLID	LA-508-471		0.0200	pCi/g	1.00	0.013	03/27/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Pu-239/240 AEA Total Cntg Err	SOLID	LA-508-471		62.0	%	1.00	0.0	03/27/06	03/14/06	03/14/06
W060000452	B1HVM6	K	10098-97-2	Sr-89/90 by Beta Counting	SOLID	LA-508-415		0.520	pCi/g	1.00	0.28	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Sr-89/90 Rel. Count Error	SOLID	LA-508-415		61.0	%	1.00	0.0	03/20/06	03/14/06	03/14/06
W060000452	B1HVM6	K	14133-76-7	Tc-99 by Liquid Scin.	SOLID	LA-508-421	U	-0.500	pCi/g	1.00	0.50	03/18/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	Tc-99 Counting Error	SOLID	LA-508-421		100	%	1.00	0.0	03/18/06	03/14/06	03/14/06
W060000452	B1HVM6	K	13966-29-5	U-234 by AEA	SOLID	LA-508-471		0.280	pCi/g	1.00	2.8e-03	03/27/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	U-233/234 AEA Total Cntg Error	SOLID	LA-508-471		28.0	%	1.00	0.0	03/27/06	03/14/06	03/14/06
W060000452	B1HVM6	K	15117-96-1	U-235 by AEA	SOLID	LA-508-471		0.0220	pCi/g	1.00	3.0e-03	03/27/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	U-235 by AEA Total Cntg Error	SOLID	LA-508-471		52.0	%	1.00	0.0	03/27/06	03/14/06	03/14/06
W060000452	B1HVM6	K	24678-82-8	U-238 by AEA	SOLID	LA-508-471		0.300	pCi/g	1.00	2.8e-03	03/27/06	03/14/06	03/14/06
W060000452	B1HVM6	K	E,T,C	U-238 by AEA Total Cntg Error	SOLID	LA-508-471		28.0	%	1.00	0.10	03/27/06	03/14/06	03/14/06
W060000453	B1HVM8	K	14596-10-2	Am-241 by AEA	SOLID	LA-508-471	U	5.80e-03	pCi/g	1.00	0.21	03/27/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Am-241 by AEA Total Cntg Error	SOLID	LA-508-471		130	%	1.00	0.0	03/27/06	03/14/06	03/14/06
W060000453	B1HVM8	K	14596-10-2	Am-241 by GEA	SOLID	LA-508-481	U	0.0337	pCi/g	1.00	0.071	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Am-241 Rel Count Error (GEA)	SOLID	LA-508-481		142	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	14234-35-6	Sb-125 by GEA	SOLID	LA-508-481	U	-0.0256	pCi/g	1.00	0.067	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Sb-125 Rel. Count Error (GEA)	SOLID	LA-508-481		160	%	1.00	0.0	03/15/06	03/14/06	03/14/06

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E - Analyte is an estimate, has potentially larger errors
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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: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000453	B1HVM8	K	13981-41-4	Ba-133 by GEA	SOLID	LA-508-481	U	3.06e 03	pCi/g	1.00	0.030	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Ba-133 Rel. Count Error (GEA)	SOLID	LA-508-481		100	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	14762-78-8	Ce-144 by GEA	SOLID	LA-508-481	U	-0.0463	pCi/g	1.00	0.16	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Ce-144 Rel. Count Error (GEA)	SOLID	LA-508-481		251	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	CE/PR-144	CePr-144 by GEA	SOLID	LA-508-481	U	-0.0926	pCi/g	1.00	0.33	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	CePr-144 Rel. Count Error	SOLID	LA-508-481		100	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	10198-40-0	Co-60 by GEA	SOLID	LA-508-481	U	0.0114	pCi/g	1.00	0.025	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Co-60 Rel. Count Error (GEA)	SOLID	LA-508-481		125	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	13967-70-9	Cs-134 by GEA	SOLID	LA-508-481	U	0.0520	pCi/g	1.00	0.052	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Cs-134 Rel. Count Error (GEA)	SOLID	LA-508-481		100	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	10045-97-3	Cs-137 by GEA	SOLID	LA-508-481		0.254	pCi/g	1.00	0.027	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Cs-137 Rel. Count Error (GEA)	SOLID	LA-508-481		19.6	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	14683-23-9	Eu-152 by GEA	SOLID	LA-508-481	U	0.0218	pCi/g	1.00	0.071	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Eu-152 Rel. Count Error (GEA)	SOLID	LA-508-481		220	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	15585-10-1	Eu-154 by GEA	SOLID	LA-508-481	U	-0.0264	pCi/g	1.00	0.075	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Eu-154 Rel. Count Error (GEA)	SOLID	LA-508-481		173	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	14391-16-3	Eu-155 by GEA	SOLID	LA-508-481		0.0849	pCi/g	1.00	0.081	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Eu-155 Rel. Count Error (GEA)	SOLID	LA-508-481		70.9	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	13966-00-2	K-40 by GEA	SOLID	LA-508-481		15.3	pCi/g	1.00	0.19	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	K-40 Rel.% Count Error (GEA)	SOLID	LA-508-481		13.6	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	14681-63-1	Nb-94 by GEA	SOLID	LA-508-481	U	4.10e-03	pCi/g	1.00	0.024	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Nb-94 Rel. Count Error (GEA)	SOLID	LA-508-481		333	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	13982-63-3	Ra-226 by GEA	SOLID	LA-508-481		0.602	pCi/g	1.00	0.047	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Ra-226 Rel. Count Error (GEA)	SOLID	LA-508-481		17.8	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	15262-20-1	Ra-228 by GEA	SOLID	LA-508-481		0.854	pCi/g	1.00	0.084	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Ra-228 Rel. Count Error (GEA)	SOLID	LA-508-481		21.0	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	13967-48-1	Ru-106 by GEA	SOLID	LA-508-481	U	1.18e-03	pCi/g	1.00	0.22	03/15/06	03/14/06	03/14/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000453	B1HVM8	K	E,T,C	Ru-106 Rel. Count Error (GEA)	SOLID	LA-508-481		1.00e+03	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	15832-50-5	Sn-126 by GEA	SOLID	LA-508-481	U	0.224	pCi/g	1.00	0.022	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Sn-126 Rel. Count Error (GEA)	SOLID	LA-508-481		26.5	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	15065-10-8	Th-234 by GEA	SOLID	LA-508-481		0.733	pCi/g	1.00	0.65	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Th-234 Rel. Count Error (GEA)	SOLID	LA-508-481		80.1	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	15117-96-1	U-235 by GEA	SOLID	LA-508-481	U	0.0932	pCi/g	1.00	0.17	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	U-235 Rel. Count Error (GEA)	SOLID	LA-508-481		41.1	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	13982-39-3	Zn-65 by GEA	SOLID	LA-508-481	U	0.0230	pCi/g	1.00	0.053	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Zn-65 Rel. Count Error (GEA)	SOLID	LA-508-481		241	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	14331-83-0	Ac-228 by GEA	SOLID	LA-508-481		0.854	pCi/g	1.00	0.084	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Ac-228 Rel. Count Error (GEA)	SOLID	LA-508-481		21.0	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	14913-49-6	Bi-212 by GEA	SOLID	LA-508-481		0.666	pCi/g	1.00	0.19	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Bi-212 Rel. Count Error (GEA)	SOLID	LA-508-481		33.4	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	14733-03-0	Bi-214 by GEA	SOLID	LA-508-481		0.602	pCi/g	1.00	0.047	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Bi-214 Rel. Count Error (GEA)	SOLID	LA-508-481		17.8	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	15092-94-1	Pb-212 by GEA	SOLID	LA-508-481		0.908	pCi/g	1.00	0.044	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Pb-212 Rel. Count Error (GEA)	SOLID	LA-508-481		20.7	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	15067-28-4	Pb-214 by GEA	SOLID	LA-508-481		0.691	pCi/g	1.00	0.051	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Pb-214 Rel. Count Error (GEA)	SOLID	LA-508-481		19.9	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	13968-53-1	Ru-103 by GEA	SOLID	LA-508-481	U	0.0119	pCi/g	1.00	0.025	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Ru-103 Rel. Count Error (GEA)	SOLID	LA-508-481		124	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	13966-06-8	Sn-113 by GEA	SOLID	LA-508-481	U	-7.99e-04	pCi/g	1.00	0.031	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Sn-113 Rel. Count Error (GEA)	SOLID	LA-508-481		1.00e+03	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	14913-50-9	Tl-208 by GEA	SOLID	LA-508-481		0.298	pCi/g	1.00	0.024	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Tl-208 Rel. Count Error (GEA)	SOLID	LA-508-481		18.9	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000453	B1HVM8	K	13994-20-2	Np-237 by AEA	SOLID	LA-508-471	U	2.20e-03	pCi/g	1.00	0.11	03/22/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Np-237 by AEA Total Ctng Error	SOLID	LA-508-471		180	%	1.00	0.0	03/22/06	03/14/06	03/14/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000453	B1HVM8	K	13981-16-3	Pu-238 by AEA	SOLID	LA-508-471	U	-8.80e-04	pCi/g	1.00	0.20	03/27/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Pu-238 by AEA Total Cntg Error	SOLID	LA-508-471		600	%	1.00	0.0	03/27/06	03/14/06	03/14/06
W060000453	B1HVM8	K	PU-239/240	Pu-239/240 by AEA	SOLID	LA-508-471		5.30e-03	pCi/g	1.00	2.4e-03	03/27/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Pu-239/240 AEA Total Cntg Err	SOLID	LA-508-471		85.0	%	1.00	0.0	03/27/06	03/14/06	03/14/06
W060000453	B1HVM8	K	10098-97-2	Sr-89/90 by Beta Counting	SOLID	LA-508-415		0.700	pCi/g	1.00	0.22	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Sr-89/90 Rel. Count Error	SOLID	LA-508-415		45.0	%	1.00	0.0	03/20/06	03/14/06	03/14/06
W060000453	B1HVM8	K	14133-76-7	Tc-99 by Liquid Scin.	SOLID	LA-508-421	U	-0.500	pCi/g	1.00	0.50	03/18/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	Tc-99 Counting Error	SOLID	LA-508-421		100	%	1.00	0.0	03/18/06	03/14/06	03/14/06
W060000453	B1HVM8	K	13966-29-5	U-234 by AEA	SOLID	LA-508-471		0.280	pCi/g	1.00	7.1e-03	03/27/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	U-233/234 AEA Total Cntg Error	SOLID	LA-508-471		28.0	%	1.00	0.0	03/27/06	03/14/06	03/14/06
W060000453	B1HVM8	K	15117-96-1	U-235 by AEA	SOLID	LA-508-471		0.0320	pCi/g	1.00	2.9e-03	03/27/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	U-235 by AEA Total Cntg Error	SOLID	LA-508-471		44.0	%	1.00	0.0	03/27/06	03/14/06	03/14/06
W060000453	B1HVM8	K	24678-82-8	U-238 by AEA	SOLID	LA-508-471		0.260	pCi/g	1.00	2.6e-03	03/27/06	03/14/06	03/14/06
W060000453	B1HVM8	K	E,T,C	U-238 by AEA Total Cntg Error	SOLID	LA-508-471		28.0	%	1.00	0.10	03/27/06	03/14/06	03/14/06
W060000454	B1HVN0	K	14596-10-2	Am-241 by AEA	SOLID	LA-508-471	U	0.0140	pCi/g	1.00	0.20	03/27/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Am-241 by AEA Total Cntg Error	SOLID	LA-508-471		68.0	%	1.00	0.0	03/27/06	03/14/06	03/14/06
W060000454	B1HVN0	K	14596-10-2	Am-241 by GEA	SOLID	LA-508-481	U	-0.111	pCi/g	1.00	0.098	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Am-241 Rel Count Error (GEA)	SOLID	LA-508-481		55.6	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	14234-35-6	Sb-125 by GEA	SOLID	LA-508-481	U	0.0129	pCi/g	1.00	0.035	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Sb-125 Rel. Count Error (GEA)	SOLID	LA-508-481		159	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	13981-41-4	Ba-133 by GEA	SOLID	LA-508-481	U	-1.12e-03	pCi/g	1.00	0.016	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Ba-133 Rel. Count Error (GEA)	SOLID	LA-508-481		100	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	14762-78-8	Ce-144 by GEA	SOLID	LA-508-481	U	-0.0798	pCi/g	1.00	0.11	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Ce-144 Rel. Count Error (GEA)	SOLID	LA-508-481		100	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	CE/PR-144	CePr-144 by GEA	SOLID	LA-508-481	U	-0.160	pCi/g	1.00	0.21	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	CePr-144 Rel. Count Error	SOLID	LA-508-481		100	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	10198-40-0	Co-60 by GEA	SOLID	LA-508-481	U	3.02e-04	pCi/g	1.00	0.013	03/15/06	03/14/06	03/14/06

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B - The Analyte detected in both the BLANK and the SAMPLE (org.)
E - Analyte is an estimate, has potentially larger errors
X - Other flags and notes described in the comments/narrative.
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: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000454	B1HVN0	K	E,T,C	Co-60 Rel. Count Error (GEA)	SOLID	LA-508-481		1.00e+03	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	13967-70-9	Cs-134 by GEA	SOLID	LA-508-481	U	0.0311	pCi/g	1.00	0.031	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Cs-134 Rel. Count Error (GEA)	SOLID	LA-508-481		36.8	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	10045-97-3	Cs-137 by GEA	SOLID	LA-508-481	U	0.0141	pCi/g	1.00	0.015	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Cs-137 Rel. Count Error (GEA)	SOLID	LA-508-481		64.5	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	14683-23-9	Eu-152 by GEA	SOLID	LA-508-481	U	9.65e-04	pCi/g	1.00	0.039	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Eu-152 Rel. Count Error (GEA)	SOLID	LA-508-481		1.00e+03	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	15585-10-1	Eu-154 by GEA	SOLID	LA-508-481	U	4.51e-03	pCi/g	1.00	0.044	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Eu-154 Rel. Count Error (GEA)	SOLID	LA-508-481		577	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	14391-16-3	Eu-155 by GEA	SOLID	LA-508-481		0.0625	pCi/g	1.00	0.056	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Eu 155 Rel. Count Error (GEA)	SOLID	LA-508-481		68.5	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	13966-00-2	K-40 by GEA	SOLID	LA-508-481		15.0	pCi/g	1.00	0.10	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	K-40 Rel.% Count Error (GEA)	SOLID	LA-508-481		13.3	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	14681-63-1	Nb-94 by GEA	SOLID	LA-508-481	U	-4.54e-04	pCi/g	1.00	0.012	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Nb-94 Rel. Count Error (GEA)	SOLID	LA-508-481		1.00e+03	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	13982-63-3	Ra-226 by GEA	SOLID	LA-508-481		0.492	pCi/g	1.00	0.024	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Ra-226 Rel. Count Error (GEA)	SOLID	LA-508-481		18.3	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	15262-20-1	Ra-228 by GEA	SOLID	LA-508-481		0.727	pCi/g	1.00	0.042	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Ra-228 Rel. Count Error (GEA)	SOLID	LA-508-481		17.5	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	13967-48-1	Ru-106 by GEA	SOLID	LA-508-481	U	-0.0400	pCi/g	1.00	0.11	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Ru-106 Rel. Count Error (GEA)	SOLID	LA-508-481		166	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	15832-50-5	Sn-126 by GEA	SOLID	LA-508-481	U	0.138	pCi/g	1.00	0.14	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Sn-126 Rel. Count Error (GEA)	SOLID	LA-508-481		30.6	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	15065-10-8	Th-234 by GEA	SOLID	LA-508-481	U	0.738	pCi/g	1.00	0.83	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Th-234 Rel. Count Error (GEA)	SOLID	LA-508-481		36.5	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	15117-96-1	U-235 by GEA	SOLID	LA-508-481	U	0.0946	pCi/g	1.00	0.11	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	U-235 Rel. Count Error (GEA)	SOLID	LA-508-481		27.6	%	1.00	0.0	03/15/06	03/14/06	03/14/06

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E - Analyte is an estimate, has potentially larger errors
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U - Analyzed for but not detected above limiting criteria.

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000454	B1HVN0	K	13982-39-3	Zn-65 by GEA	SOLID	LA-508-481	U	0.0101	pCi/g	1.00	0.030	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Zn-65 Rel. Count Error (GEA)	SOLID	LA-508-481		199	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	14331-83-0	Ac-228 by GEA	SOLID	LA-508-481		0.727	pCi/g	1.00	0.042	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Ac-228 Rel. Count Error (GEA)	SOLID	LA-508-481		17.5	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	14913-49-6	Bi-212 by GEA	SOLID	LA-508-481		0.425	pCi/g	1.00	0.096	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Bi-212 Rel. Count Error (GEA)	SOLID	LA-508-481		28.5	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	14733-03-0	Bi-214 by GEA	SOLID	LA-508-481		0.492	pCi/g	1.00	0.024	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Bi-214 Rel. Count Error (GEA)	SOLID	LA-508-481		18.3	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	15092-94-1	Pb-212 by GEA	SOLID	LA-508-481		0.710	pCi/g	1.00	0.026	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Pb-212 Rel. Count Error (GEA)	SOLID	LA-508-481		13.7	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	15067-28-4	Pb-214 by GEA	SOLID	LA-508-481		0.562	pCi/g	1.00	0.027	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Pb-214 Rel. Count Error (GEA)	SOLID	LA-508-481		14.8	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	13968-53-1	Ru-103 by GEA	SOLID	LA-508-481	U	-3.95e-04	pCi/g	1.00	0.012	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Ru-103 Rel. Count Error (GEA)	SOLID	LA-508-481		1.00e+03	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	13966-06-8	Sn-113 by GEA	SOLID	LA-508-481	U	8.74e-04	pCi/g	1.00	0.017	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Sn-113 Rel. Count Error (GEA)	SOLID	LA-508-481		1.00e+03	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	14913-50-9	Tl-208 by GEA	SOLID	LA-508-481		0.216	pCi/g	1.00	0.013	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Tl-208 Rel. Count Error (GEA)	SOLID	LA-508-481		18.1	%	1.00	0.0	03/15/06	03/14/06	03/14/06
W060000454	B1HVN0	K	13994-20-2	Np-237 by AEA	SOLID	LA-508-471		4.60e-03	pCi/g	1.00	2.1e-03	03/22/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Np-237 by AEA Total Ctng Error	SOLID	LA-508-471		80.0	%	1.00	0.0	03/22/06	03/14/06	03/14/06
W060000454	B1HVN0	K	13981-16-3	Pu-238 by AEA	SOLID	LA-508-471	U	-3.00e-03	pCi/g	1.00	0.026	03/27/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Pu-238 by AEA Total Cntg Error	SOLID	LA-508-471		470	%	1.00	0.0	03/27/06	03/14/06	03/14/06
W060000454	B1HVN0	K	PU-239/240	Pu-239/240 by AEA	SOLID	LA-508-471	U	9.80e-04	pCi/g	1.00	2.7e-03	03/27/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Pu-239/240 AEA Total Cntg Err	SOLID	LA-508-471		200	%	1.00	0.0	03/27/06	03/14/06	03/14/06
W060000454	B1HVN0	K	10098-97-2	Sr-89/90 by Beta Counting	SOLID	LA-508-415		0.520	pCi/g	1.00	0.20	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	Sr-89/90 Rel. Count Error	SOLID	LA-508-415		55.0	%	1.00	0.0	03/20/06	03/14/06	03/14/06
W060000454	B1HVN0	K	14133-76-7	Tc-99 by Liquid Scin.	SOLID	LA-508-421	U	-0.300	pCi/g	1.00	0.50	03/18/06	03/14/06	03/14/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000454	B1HVN0	K	E,T,C	Tc-99 Counting Error	SOLID	LA-508-421		100	%	1.00	0.0	03/18/06	03/14/06	03/14/06
W060000454	B1HVN0	K	13966-29-5	U-234 by AEA	SOLID	LA-508-471		0.210	pCi/g	1.00	6.9e-03	03/27/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	U-233/234 AEA Total Cntg Error	SOLID	LA-508-471		29.0	%	1.00	0.0	03/27/06	03/14/06	03/14/06
W060000454	B1HVN0	K	15117-96-1	U-235 by AEA	SOLID	LA-508-471		0.0340	pCi/g	1.00	0.011	03/27/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	U-235 by AEA Total Cntg Error	SOLID	LA-508-471		46.0	%	1.00	0.0	03/27/06	03/14/06	03/14/06
W060000454	B1HVN0	K	24678-82-8	U-238 by AEA	SOLID	LA-508-471		0.200	pCi/g	1.00	2.6e-03	03/27/06	03/14/06	03/14/06
W060000454	B1HVN0	K	E,T,C	U-238 by AEA Total Cntg Error	SOLID	LA-508-471		29.0	%	1.00	0.10	03/27/06	03/14/06	03/14/06

MDL=Minimum Detection Limit
RQ=Result Qualifier
DF=Dilution Factor

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention:
Project Number :

Group #: 20060178

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

RQ=Result Qualifier

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WSCF
ANALYTICAL COMMENT REPORT

Attention: Deanna Klages H8-40 **Group #:** 20060178

Sample #	Client ID	Lab Area	Test	Comment
		VALGROUP		ICP-AES: High magnesium, lithium, bismuth, and silicon preparation blank results; "C" flags if applicable. Sample results are in ppm, whereas blank results are in ppb. High iron and potassium LCS recoveries; "E" flag. Low titanium, bismuth, and silicon LCS recoveries; "X" flag. ORGANICS: Results are moisture corrected and reported on a dry weight basis. gar SVOA/TPHD: A LCS/LCS duplicate is performed for spiking in lieu of an MS/MSD due to total consumption of limited sample. A slight amount of diethyl phthalate contamination is present in SVOC blank and samples. cgc ICP-MS: Silver and Antimony LCS reovery 20% and 56%. Apparent digestion problem. Results biased low. X-flag Aluminum and Nickel have prep blanks outside acceptance range. No impact on results. No flag Post digestion spikes performed at 2 ug/L in the diluted samples. Recoveries were good, but spike amount too low for manganese, barium, and aluminum. ICP-MS: Thorium results are for Th-232 exclusively.

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

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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-508-415	LA-508-415: OPERATION OF THE PROTEAN 2-INCH ALPHA/BETA COUNTING SYSTEM FOR GROSS	
	None	No reference to any industry method.
LA-508-421	LA-508-421: OPERATION OF THE TRI-CARB MODEL 2500TR LIQUID SCINTILLATION ANALYZER	
	None	No reference to any industry method.
LA-508-471	LA-508-471: ALPHA ENERGY ANALYZER DATA ACQUISITION AND SYSTEM CHECKOUT USING ALP	
	None	No reference to any industry method.
LA-508-481	LA-508-481: GAMMA ENERGY ANALYSIS USING PROCOUNT SOFTWARE	
	None	No reference to any industry method.
LA-519-412	LA-519-412: TOTAL RESIDUE/% SOLIDS DRIED AT 103 - 105 C	
	EPA-600/4-79-020 160.3	RESIDUE, TOTAL
	Standard Methods 2540B	Total Solids Dried at 103-105 C
LA-523-455	LA-523-455: VOLATILE SAMPLE ANALYSIS BY SW-846	
	EPA SW-846 8000B	DETERMINATIVE CHROMATOGRAPHIC SEPARATIONS
	EPA SW-846 8260B	VOLATILE ORGANIC COMPOUNDS BY GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)

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

WSCF
METHOD REFERENCES REPORT

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LA-523-456	LA-523-456: SEMIVOLATILE SAMPLE ANALYSIS BY SW-846, METHOD 8270C	
	EPA SW-846 8000B	DETERMINATIVE CHROMATOGRAPHIC SEPARATIONS
	EPA SW-846 8270C	SEMIVOLATILE ORGANIC COMPOUNDS BY GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)
LA-533-410	LA-533-410: ANION ANALYSIS BY ION CHROMATOGRAPHY	
	EPA-600/R-94-111 300.0	DETERMINATION OF INORGANIC ANIONS BY ION CHROMATOGRAPHY
NWTPH	NWTPH-Diesel and/or Gasoline	
	WDOE NWTPH-Dx/Gx	Total Petroleum Hydrocarbons - Diesel/Gasoline

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

w13qlog v1 18-apr-2006 08:20:36

W13q Worklist/Batch/QC Report for Group# 20060178

WL#	S#	Batch	QC#	Tray Type	Sample#	Test
				SAMPLE	W060000452	Percent Solids
				SAMPLE	W060000453	Percent Solids
				SAMPLE	W060000454	Percent Solids
				SAMPLE	W060000455	Percent Solids
				SAMPLE	W060000456	Percent Solids
				SAMPLE	W060000457	Percent Solids
28263	1	28637	32478	BLANK		TC99 by Liquid Scin.
28263	2	28637	32478	LCS		TC99 by Liquid Scin.
28263	4	28637	32478	DUP	W060000452	TC99 by Liquid Scin.
28263	3	28637	32478	MS	W060000452	TC99 by Liquid Scin.
28263	5	28637	32478	SAMPLE	W060000452	TC99 by Liquid Scin.
28263	6	28637	32478	SAMPLE	W060000453	TC99 by Liquid Scin.
28263	7	28637	32478	SAMPLE	W060000454	TC99 by Liquid Scin.
28266	1	28640	32492	BLANK		ICP Metals Analysis, Grd H20 P
28266	2	28640	32492	LCS		ICP Metals Analysis, Grd H20 P
28266	3	28640	32492	SAMPLE	W060000452	ICP Metals Analysis, Grd H20 P
28266	4	28640	32492	SAMPLE	W060000453	ICP Metals Analysis, Grd H20 P
28266	5	28640	32492	SAMPLE	W060000454	ICP Metals Analysis, Grd H20 P
28275	1	28649	32493	BLANK		Strontium 89/90
28275	2	28649	32493	LCS		Strontium 89/90
28275	3	28649	32493	SAMPLE	W060000452	Strontium 89/90
28275	4	28649	32493	SAMPLE	W060000453	Strontium 89/90
28275	5	28649	32493	SAMPLE	W060000454	Strontium 89/90
28227	1	28600	32496	BLANK		Gamma Energy Analysis-grd H2O
28227	2	28600	32496	LCS		Gamma Energy Analysis-grd H2O
28227	3	28600	32496	DUP	W060000452	Gamma Energy Analysis-grd H2O
28227	4	28600	32496	SAMPLE	W060000452	Gamma Energy Analysis-grd H2O
28227	5	28600	32496	SAMPLE	W060000453	Gamma Energy Analysis-grd H2O
28227	6	28600	32496	SAMPLE	W060000454	Gamma Energy Analysis-grd H2O
			32500	BLANK		SW-846 8270C Semi-Vols
			32500	LCS		SW-846 8270C Semi-Vols
			32500	LCS-DUP		SW-846 8270C Semi-Vols
			32500	SAMPLE	W060000452	SW-846 8270C Semi-Vols
			32500	SURR	W060000452	SW-846 8270C Semi-Vols
			32500	SAMPLE	W060000453	SW-846 8270C Semi-Vols
			32500	SURR	W060000453	SW-846 8270C Semi-Vols
			32500	SAMPLE	W060000454	SW-846 8270C Semi-Vols
			32500	SURR	W060000454	SW-846 8270C Semi-Vols
28296	1	28670	32508	BLANK		Neptunium by AEA
28296	2	28670	32508	LCS		Neptunium by AEA
28296	3	28670	32508	SAMPLE	W060000452	Neptunium by AEA
28296	4	28670	32508	SAMPLE	W060000453	Neptunium by AEA
28296	5	28670	32508	SAMPLE	W060000454	Neptunium by AEA
			32509	BLANK		WTPH-D TPH Diesel Range (Wa)
			32509	LCS		WTPH-D TPH Diesel Range (Wa)
			32509	LCS-DUP		WTPH-D TPH Diesel Range (Wa)
			32509	LCS-RPD		WTPH-D TPH Diesel Range (Wa)

			32509	SAMPLE	W060000452	WTPH-D TPH Diesel Range (Wa)
			32509	SURR	W060000452	WTPH-D TPH Diesel Range (Wa)
			32509	SAMPLE	W060000453	WTPH-D TPH Diesel Range (Wa)
			32509	SURR	W060000453	WTPH-D TPH Diesel Range (Wa)
			32509	SAMPLE	W060000454	WTPH-D TPH Diesel Range (Wa)
			32509	SURR	W060000454	WTPH-D TPH Diesel Range (Wa)
28309	1	28680	32526	BLANK		Uranium Isotopics by AEA
28309	2	28680	32526	LCS		Uranium Isotopics by AEA
28309	3	28680	32526	SAMPLE	W060000452	Uranium Isotopics by AEA
28309	4	28680	32526	SAMPLE	W060000453	Uranium Isotopics by AEA
28309	5	28680	32526	SAMPLE	W060000454	Uranium Isotopics by AEA
28306	1	28682	32527	BLANK		Plutonium Isotopics by AEA
28306	2	28682	32527	LCS		Plutonium Isotopics by AEA
28306	3	28682	32527	SAMPLE	W060000452	Plutonium Isotopics by AEA
28306	4	28682	32527	SAMPLE	W060000453	Plutonium Isotopics by AEA
28306	5	28682	32527	SAMPLE	W060000454	Plutonium Isotopics by AEA
28310	1	28681	32528	BLANK		Americium by AEA
28310	2	28681	32528	LCS		Americium by AEA
28310	3	28681	32528	SAMPLE	W060000452	Americium by AEA
28310	4	28681	32528	SAMPLE	W060000453	Americium by AEA
28310	5	28681	32528	SAMPLE	W060000454	Americium by AEA
			32544	BLANK		VOA Ground Water Protection
			32544	LCS		VOA Ground Water Protection
			32544	MS	W060000455	VOA Ground Water Protection
			32544	MSD	W060000455	VOA Ground Water Protection
			32544	SAMPLE	W060000455	VOA Ground Water Protection
			32544	SPK-RPD	W060000455	VOA Ground Water Protection
			32544	SURR	W060000455	VOA Ground Water Protection
			32544	SAMPLE	W060000456	VOA Ground Water Protection
			32544	SURR	W060000456	VOA Ground Water Protection
			32544	SAMPLE	W060000457	VOA Ground Water Protection
			32544	SURR	W060000457	VOA Ground Water Protection
28336	2	28709	32550	BLANK		Anions by Ion Chromatography
28336	7	28709	32550	BLANK		Anions by Ion Chromatography
28336	3	28709	32550	LCS		Anions by Ion Chromatography
28336	4	28709	32550	SAMPLE	W060000452	Anions by Ion Chromatography
28336	5	28709	32550	SAMPLE	W060000453	Anions by Ion Chromatography
28336	6	28709	32550	SAMPLE	W060000454	Anions by Ion Chromatography
28343	1	28716	32571	BLANK		ICP-2008 MS All possible metal
28343	2	28716	32571	LCS		ICP-2008 MS All possible metal
28343	3	28716	32571	SAMPLE	W060000452	ICP-2008 MS All possible metal
28343	4	28716	32571	SAMPLE	W060000453	ICP-2008 MS All possible metal
28343	5	28716	32571	SAMPLE	W060000454	ICP-2008 MS All possible metal

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: TC99 by Liquid Scin.

SAF Number: R06-013
Sample Date: 03/14/06
Receive Date:03/14/06

Lab ID: W060000452

BATCH QC ASSOCIATED WITH SAMPLE

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
DUP	Tc-99 by Liquid Scin.	14133-76-7	U-0.7	n/a	RPD	03/18/06	0.000	20.000	
MS	Tc-99 by Liquid Scin.	14133-76-7	86.0	86.000	% Recov	03/18/06	75.000	125.000	

BATCH QC

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BLANK	Tc-99 by Liquid Scin.	14133-76-7	-0.2	-0.200	pCi/g	03/18/06	-10.000	1000.000	
LCS	Tc-99 by Liquid Scin.	14133-76-7	10.1	89.381	% Recov	03/18/06	75.000	125.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: ICP Metals Analysis, Grd H20 P

SAF Number: R06-013
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit		RQ
BATCH QC										
BLANK	Aluminum by ICP	7429-90-5	<2.7e-2	n/a	ug/L	03/20/06				U
BLANK	Boron by ICP	7440-42-8	<2.6e-2	n/a	ug/L	03/20/06				U
BLANK	Bismuth by ICP	7440-69-9	3e-2	0.030	ug/L	03/20/06				
BLANK	Calcium by ICP	7440-70-2	<1.6e-2	n/a	ug/L	03/20/06				U
BLANK	Iron by ICP	7439-89-6	<2.1e-2	n/a	ug/L	03/20/06				U
BLANK	Potassium by ICP	7440-09-7	<0.115	n/a	ug/L	03/20/06				U
BLANK	Lithium by ICP	7439-93-2	2e-3	0.002	ug/L	03/20/06				
BLANK	Magnesium by ICP	7439-95-4	3.2e-2	0.032	ug/L	03/20/06				
BLANK	Sodium by ICP	7440-23-5	<0.198	n/a	ug/L	03/20/06				U
BLANK	Silicon by ICP	7440-21-3	5.3e-2	0.053	ug/L	03/20/06				
BLANK	Titanium by ICP	7440-32-6	<1e-3	n/a	ug/L	03/20/06				U
LCS	Aluminum by ICP	7429-90-5	6169	97.611	% Recov	03/20/06	44.000	157.000		
LCS	Boron by ICP	7440-42-8	83.9	86.140	% Recov	03/20/06	45.000	156.000		
LCS	Bismuth by ICP	7440-69-9	21.1	4.170	% Recov	03/20/06	80.000	120.000	*	
LCS	Calcium by ICP	7440-70-2	3427	103.223	% Recov	03/20/06	76.000	124.000		
LCS	Iron by ICP	7439-89-6	15830	141.339	% Recov	03/20/06	47.000	152.000		
LCS	Potassium by ICP	7440-09-7	2608	135.833	% Recov	03/20/06	64.000	136.000		
LCS	Lithium by ICP	7439-93-2	6.18	103.691	% Recov	03/20/06	80.000	120.000		
LCS	Magnesium by ICP	7439-95-4	2045	100.245	% Recov	03/20/06	71.000	129.000		
LCS	Sodium by ICP	7440-23-5	421	94.607	% Recov	03/20/06	51.000	149.000		
LCS	Silicon by ICP	7440-21-3	152	20.850	% Recov	03/20/06	80.000	120.000	*	
LCS	Titanium by ICP	7440-32-6	187	60.323	% Recov	03/20/06	9.000	191.000		

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: Strontium 89/90

SAF Number: R06-013
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BATCH QC									
BLANK	Sr-89/90 by Beta Counting	10098-97-2	1.7	1.700	pCi/g	03/20/06	-10.000	300.000	
LCS	Sr-89/90 by Beta Counting	10098-97-2	76.7	107.952	% Recov	03/20/06	80.000	120.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: Gamma Energy Analysis-grd H2O

SAF Number: R06-013
Sample Date: 03/14/06
Receive Date:03/14/06

Lab ID: W060000452
BATCH QC ASSOCIATED WITH SAMPLE

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
DUP	Ac-228 by GEA	14331-83-0	6.51e-01	1.977	RPD	03/15/06	0.000	20.000	
DUP	Am-241 by GEA	14596-10-2	U1.85e-02	n/a	RPD	03/15/06	0.000	20.000	
DUP	Ba-133 by GEA	13981-41-4	U-1.8E-03	n/a	RPD	03/15/06	0.000	20.000	
DUP	Bi-212 by GEA	14913-49-6	4.16e-01	0.240	RPD	03/15/06	0.000	20.000	
DUP	Bi-214 by GEA	14733-03-0	4.50e-01	14.050	RPD	03/15/06	0.000	20.000	
DUP	Ce-144 by GEA	14762-78-8	U-4.27e-2	n/a	RPD	03/15/06	0.000	20.000	
DUP	CePr-144 by GEA	CE/PR-144	U-1.8E-03	n/a	RPD	03/15/06	0.000	20.000	
DUP	Co-60 by GEA	10198-40-0	U4.52e-03	n/a	RPD	03/15/06	0.000	20.000	
DUP	Cs-134 by GEA	13967-70-9	U3.17e-02	n/a	RPD	03/15/06	0.000	20.000	
DUP	Cs-137 by GEA	10045-97-3	2.71e-02	8.863	RPD	03/15/06	0.000	20.000	
DUP	Eu-152 by GEA	14683-23-9	U-7.85e-3	n/a	RPD	03/15/06	0.000	20.000	
DUP	Eu-154 by GEA	15585-10-1	U1.13e-02	n/a	RPD	03/15/06	0.000	20.000	
DUP	Eu-155 by GEA	14391-16-3	6.79e-02	17.628	RPD	03/15/06	0.000	20.000	
DUP	K-40 by GEA	13966-00-2	1.34e+01	1.504	RPD	03/15/06	0.000	20.000	
DUP	Nb-94 by GEA	14681-63-1	U7.18e-03	n/a	RPD	03/15/06	0.000	20.000	
DUP	Pb-212 by GEA	15092-94-1	6.89e-01	2.946	RPD	03/15/06	0.000	20.000	
DUP	Pb-214 by GEA	15067-28-4	4.86e-01	15.385	RPD	03/15/06	0.000	20.000	
DUP	Ra-226 by GEA	13982-63-3	4.50e-01	14.050	RPD	03/15/06	0.000	20.000	
DUP	Ra-228 by GEA	15262-20-1	6.51e-01	1.977	RPD	03/15/06	0.000	20.000	
DUP	Ru-103 by GEA	13968-53-1	U-3.28e-3	n/a	RPD	03/15/06	0.000	20.000	
DUP	Ru-106 by GEA	13967-48-1	U1.30e-02	n/a	RPD	03/15/06	0.000	20.000	
DUP	Sb-125 by GEA	14234-35-6	U-1.15e-2	n/a	RPD	03/15/06	0.000	20.000	
DUP	Sn-113 by GEA	13966-06-8	U-7.03e-3	n/a	RPD	03/15/06	0.000	20.000	
DUP	Sn-126 by GEA	15832-50-5	U1.49e-01	n/a	RPD	03/15/06	0.000	20.000	
DUP	Th-234 by GEA	15065-10-8	U4.37e-01	n/a	RPD	03/15/06	0.000	20.000	
DUP	Tl-208 by GEA	14913-50-9	2.05e-01	3.357	RPD	03/15/06	0.000	20.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: Gamma Energy Analysis-grd H2O

SAF Number: R06-013
Sample Date: 03/14/06
Receive Date:03/14/06

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
DUP	U-235 by GEA	15117-96-1	U6.37e-02	n/a	RPD	03/15/06	0.000	20.000	
DUP	Zn-65 by GEA	13982-39-3	U-1.09e-2	n/a	RPD	03/15/06	0.000	20.000	

BATCH QC

BLANK	Ac-228 by GEA	14331-83-0	5.17e-02	0.052	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Am-241 by GEA	14596-10-2	U-1.08e-2	n/a	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Ba-133 by GEA	13981-41-4	U2.3E-03	n/a	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Bi-212 by GEA	14913-49-6	6.59e-02	0.066	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Bi-214 by GEA	14733-03-0	7.80e-02	0.078	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Ce-144 by GEA	14762-78-8	U7.38e-03	n/a	pCi/g	03/16/06	-10.000	1000.000	
BLANK	CePr-144 by GEA	CE/PR-144	U1.5E-02	n/a	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Co-60 by GEA	10198-40-0	U2.55e-04	n/a	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Cs-134 by GEA	13967-70-9	U4.07e-03	n/a	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Cs-137 by GEA	10045-97-3	U-1.73e-3	n/a	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Eu-152 by GEA	14683-23-9	U-1.24e-3	n/a	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Eu-154 by GEA	15585-10-1	U-3.73e-3	n/a	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Eu-155 by GEA	14391-16-3	U1.31e-02	n/a	pCi/g	03/16/06	-10.000	1000.000	
BLANK	K-40 by GEA	13966-00-2	7.69e-02	0.077	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Nb-94 by GEA	14681-63-1	U2.76e-03	n/a	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Pb-212 by GEA	15092-94-1	4.71e-02	0.047	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Pb-214 by GEA	15067-28-4	8.27e-02	0.083	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Ra-226 by GEA	13982-63-3	7.80e-02	0.078	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Ra-228 by GEA	15262-20-1	5.17e-02	0.052	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Ru-103 by GEA	13968-53-1	U3.79e-04	n/a	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Ru-106 by GEA	13967-48-1	U-1.79e-2	n/a	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Sb-125 by GEA	14234-35-6	U-5.43e-3	n/a	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Sn-113 by GEA	13966-06-8	U1.20e-03	n/a	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Sn-126 by GEA	15832-50-5	U1.08e-02	n/a	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Th-234 by GEA	15065-10-8	U1.19e-01	n/a	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Tl-208 by GEA	14913-50-9	1.54e-02	0.015	pCi/g	03/16/06	-10.000	1000.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: Gamma Energy Analysis-grd H2O

SAF Number: R06-013
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BLANK	U-235 by GEA	15117-96-1	U1.64e-02	n/a	pCi/g	03/16/06	-10.000	1000.000	
BLANK	Zn-65 by GEA	13982-39-3	U5.43e-03	n/a	pCi/g	03/16/06	-10.000	1000.000	
LCS	Am-241 by GEA	14596-10-2	4.14e+03	105.612	% Recov	03/17/06	80.000	120.000	
LCS	Co-60 by GEA	10198-40-0	4.35e+03	103.819	% Recov	03/17/06	80.000	120.000	
LCS	Cs-137 by GEA	10045-97-3	3.95e+03	110.335	% Recov	03/17/06	80.000	120.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

SAF Number: R06-013
Sample Date: 03/14/06
Receive Date:03/14/06

QC Type	Analyte		CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W060000452										
BATCH QC ASSOCIATED WITH SAMPLE										
SURR	2-Fluorophenol	Surr	367-12-4	2341.1	96.800	% Recov	03/20/06	42.000	105.000	
SURR	2-Fluorobiphenyl	Surr	321-60-8	2431.0	100.000	% Recov	03/20/06	56.000	122.000	
SURR	Nitrobenzene-d5	Surr	4165-60-0	2445.4	101.000	% Recov	03/20/06	64.000	111.000	
SURR	Phenol-d5	Surr	4165-62-2	2398.5	99.100	% Recov	03/20/06	54.000	120.000	
SURR	2,4,6-Tribromophenol	Surr	118-79 6	1751.9	72.400	% Recov	03/20/06	24.000	122.000	
SURR	Terphenyl-d14	Surr	98904-43-9	2550.3	105.000	% Recov	03/20/06	35.000	150.000	
Lab ID: W060000453										
BATCH QC ASSOCIATED WITH SAMPLE										
SURR	2-Fluorophenol	Surr	367-12-4	1855.4	83.400	% Recov	03/20/06	42.000	105.000	
SURR	2-Fluorobiphenyl	Surr	321-60-8	1888.2	84.900	% Recov	03/20/06	56.000	122.000	
SURR	Nitrobenzene-d5	Surr	4165-60-0	2003.3	90.100	% Recov	03/20/06	64.000	111.000	
SURR	Phenol-d5	Surr	4165-62-2	1892.6	85.100	% Recov	03/20/06	54.000	120.000	
SURR	2,4,6-Tribromophenol	Surr	118-79-6	1522.3	68.400	% Recov	03/20/06	24.000	122.000	
SURR	Terphenyl-d14	Surr	98904-43-9	2158.4	97.000	% Recov	03/20/06	35.000	150.000	
Lab ID: W060000454										
BATCH QC ASSOCIATED WITH SAMPLE										
SURR	2-Fluorophenol	Surr	367-12-4	1935.1	84.600	% Recov	03/20/06	42.000	105.000	
SURR	2 Fluorobiphenyl	Surr	321-60-8	2000.4	87.500	% Recov	03/20/06	56.000	122.000	
SURR	Nitrobenzene-d5	Surr	4165-60-0	2085.5	91.200	% Recov	03/20/06	64.000	111.000	
SURR	Phenol-d5	Surr	4165-62-2	2020.5	88.300	% Recov	03/20/06	54.000	120.000	
SURR	2,4,6-Tribromophenol	Surr	118-79-6	1490.1	65.100	% Recov	03/20/06	24.000	122.000	
SURR	Terphenyl-d14	Surr	98904-43-9	2120.3	92.700	% Recov	03/20/06	35.000	150.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

SAF Number: R06-013
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BATCH QC									
BLANK	1,2-Dichlorobenzene (SV)	95-50-1	< 380	n/a	ug/Kg	03/20/06			U
BLANK	1,2,4-Trimethylbenzene	95-63-6	< 100	n/a	ug/Kg	03/20/06			U
BLANK	1,2,4-Trichlorobenzene	120-82-1	< 270	n/a	ug/Kg	03/20/06			U
BLANK	1,3-Dichlorobenzene	541-73-1	< 480	n/a	ug/Kg	03/20/06			U
BLANK	1,4-Dichlorobenzene (SV)	106-46-7	< 400	n/a	ug/Kg	03/20/06			U
BLANK	2-Naphthylamine	91-59-8	< 400	n/a	ug/Kg	03/20/06			U
BLANK	2,4-Dichlorophenol	120-83-2	< 130	n/a	ug/Kg	03/20/06			U
BLANK	2,4-Dinitrotoluene	121-14-2	< 160	n/a	ug/Kg	03/20/06			U
BLANK	2,4,5-Trichlorophenol	95-95-4	< 140	n/a	ug/Kg	03/20/06			U
BLANK	2,4,6-Trichlorophenol	88-06-2	< 130	n/a	ug/Kg	03/20/06			U
BLANK	2,4-Dimethylphenol	105-67-9	< 270	n/a	ug/Kg	03/20/06			U
BLANK	2,6-Dinitrotoluene	606-20-2	< 210	n/a	ug/Kg	03/20/06			U
BLANK	2-Butoxyethanol	111-76-2	< 250	n/a	ug/Kg	03/20/06			U
BLANK	2-Chloronaphthalene	91-58-7	< 200	n/a	ug/Kg	03/20/06			U
BLANK	2-Fluorophenol Surr	367-12-4	1962.1	98.100	% Recov	03/20/06	42.000	105.000	
BLANK	2-Methylnaphthalene	91-57-6	< 220	n/a	ug/Kg	03/20/06			U
BLANK	2-Methylphenol	95-48-7	< 240	n/a	ug/Kg	03/20/06			U
BLANK	2-Nitroaniline	88-74-4	< 150	n/a	ug/Kg	03/20/06			U
BLANK	2-Nitrophenol	88-75-5	< 270	n/a	ug/Kg	03/20/06			U
BLANK	3 & 4 Methylphenol Total	65794-96-9	< 310	n/a	ug/Kg	03/20/06			U
BLANK	3-Nitroaniline	99-09-2	< 170	n/a	ug/Kg	03/20/06			U
BLANK	4,6-Dinitro-2-methylphenol	534-52-1	< 380	n/a	ug/Kg	03/20/06			U
BLANK	4-Bromophenyl-phenylether	101-55-3	< 150	n/a	ug/Kg	03/20/06			U
BLANK	4-Chlorophenyl-phenylether	7005-72-3	< 150	n/a	ug/Kg	03/20/06			U
BLANK	Acenaphthene	83-32-9	< 210	n/a	ug/Kg	03/20/06			U
BLANK	Acenaphthylene	208-96-8	< 220	n/a	ug/Kg	03/20/06			U
BLANK	Anthracene	120-12-7	< 230	n/a	ug/Kg	03/20/06			U
BLANK	bis(-2-Chloroethyl)Eth	111-44-4	< 300	n/a	ug/Kg	03/20/06			U

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

SAF Number: R06-013
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BLANK	Benzo(a)anthracene	56-55-3	< 190	n/a	ug/Kg	03/20/06			U
BLANK	Benzo(b)fluoranthene	205-99-2	< 220	n/a	ug/Kg	03/20/06			U
BLANK	Benzoic acid	65-85-0	< 500	n/a	ug/Kg	03/20/06	0.000		U
BLANK	Benzo(g,h,i)perylene	191-24-2	< 230	n/a	ug/Kg	03/20/06			U
BLANK	Benzo(a)pyrene	50-32-8	< 180	n/a	ug/Kg	03/20/06			U
BLANK	bis(2-Chloroethoxy)methane	111-91-1	< 180	n/a	ug/Kg	03/20/06			U
BLANK	Bis (2-Ethylhexyl) phthalate	117-81-7	< 150	n/a	ug/Kg	03/20/06			U
BLANK	Benzyl alcohol	100-51-6	< 170	n/a	ug/Kg	03/20/06			U
BLANK	Benzo(k)fluoranthene	207-08-9	< 160	n/a	ug/Kg	03/20/06			U
BLANK	Butylbenzylphthalate	85-68-7	< 130	n/a	ug/Kg	03/20/06			U
BLANK	Carbazole	86-74-8	< 230	n/a	ug/Kg	03/20/06			U
BLANK	4-Chloroaniline	106-47-8	< 450	n/a	ug/Kg	03/20/06			U
BLANK	4-Chloro-3-methylphenol	59-50-7	< 140	n/a	ug/Kg	03/20/06			U
BLANK	2-Chlorophenol	95-57-8	< 230	n/a	ug/Kg	03/20/06			U
BLANK	Chrysene	218-01-9	< 210	n/a	ug/Kg	03/20/06			U
BLANK	Cyclohexanone	108-94-1	< 110	n/a	ug/Kg	03/20/06			U
BLANK	3,3'-Dichlorobenzidine	91-94-1	< 100	n/a	ug/Kg	03/20/06			U
BLANK	Decane	124-18-5	< 160	n/a	ug/Kg	03/20/06			U
BLANK	Dibenz(a,h)anthracene	53-70-3	< 280	n/a	ug/Kg	03/20/06			U
BLANK	Dibenzofuran	132-64-9	< 180	n/a	ug/Kg	03/20/06			U
BLANK	Di-n-butylphthalate	84-74-2	< 480	n/a	ug/Kg	03/20/06			U
BLANK	Diethylphthalate	84-66-2	430	430.000	ug/Kg	03/20/06			
BLANK	Dimethylphthalate	131-11-3	< 190	n/a	ug/Kg	03/20/06			U
BLANK	2,4-Dinitrophenol	51-28-5	< 530	n/a	ug/Kg	03/20/06			U
BLANK	Di-n-octylphthalate	117-84-0	< 250	n/a	ug/Kg	03/20/06			U
BLANK	N-Nitroso-di-n-propylamine	621-64-7	< 220	n/a	ug/Kg	03/20/06			U
BLANK	Dodecane	112-40-3	< 110	n/a	ug/Kg	03/20/06	-999.000	999.000	U
BLANK	2-Fluorobiphenyl Surr	321-60-8	1968.2	98.400	% Recov	03/20/06	56.000	122.000	
BLANK	Fluorene	86-73-7	< 200	n/a	ug/Kg	03/20/06			U
BLANK	Fluoranthene	206-44-0	< 240	n/a	ug/Kg	03/20/06			U

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

SAF Number: R06-013
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BLANK	Hexachlorobenzene	118-74-1	< 210	n/a	ug/Kg	03/20/06			U
BLANK	Hexachlorobutadiene	87-68-3	< 250	n/a	ug/Kg	03/20/06			U
BLANK	Hexachlorocyclopentadiene	77-47-4	< 490	n/a	ug/Kg	03/20/06			U
BLANK	Hexachloroethane	67-72-1	< 360	n/a	ug/Kg	03/20/06			U
BLANK	Indeno(1,2,3-cd)pyrene	193-39-5	< 250	n/a	ug/Kg	03/20/06			U
BLANK	Isophorone	78-59-1	< 250	n/a	ug/Kg	03/20/06			U
BLANK	Phenol	108-95-2	< 210	n/a	ug/Kg	03/20/06			U
BLANK	Naphthalene	91-20-3	< 250	n/a	ug/Kg	03/20/06			U
BLANK	Nitrobenzene-d5 Surr	4165-60-0	1976.9	98.800	% Recov	03/20/06	64.000	111.000	
BLANK	Nitrobenzene	98-95-3	< 250	n/a	ug/Kg	03/20/06			U
BLANK	4-Nitrophenol	100-02-7	< 260	n/a	ug/Kg	03/20/06			U
BLANK	4-Nitroaniline	100-01-6	< 260	n/a	ug/Kg	03/20/06			U
BLANK	N-Nitrosodiphenylamine	86-30-6	< 220	n/a	ug/Kg	03/20/06			U
BLANK	Pentachlorophenol	87-86-5	< 220	n/a	ug/Kg	03/20/06			U
BLANK	Phenanthrene	85-01-8	< 210	n/a	ug/Kg	03/20/06			U
BLANK	Phenol-d5 Surr	4165-62-2	2014.0	101.000	% Recov	03/20/06	54.000	120.000	
BLANK	Pyrene	129-00-0	< 1100	n/a	ug/Kg	03/20/06			U
BLANK	Pyridine	110-86-1	< 280	n/a	ug/Kg	03/20/06			U
BLANK	Tri-n-butylphosphate	126-73-8	< 82	n/a	ug/Kg	03/20/06			U
BLANK	2,4,6-Tribromophenol Surr	118-79-6	1391.0	69.600	% Recov	03/20/06	24.000	122.000	
BLANK	Terphenyl-d14 Surr	98904-43-9	2047.4	102.000	% Recov	03/20/06	35.000	150.000	
LCS	1,2,4-Trichlorobenzene	120-82-1	1889.2	94.500	% Recov	03/20/06	46.000	107.000	
LCS	1,4-Dichlorobenzene (SV)	106-46-7	1798.0	89.900	% Recov	03/20/06	42.000	111.000	
LCS	2,4-Dinitrotoluene	121-14-2	1718.9	85.900	% Recov	03/20/06	59.000	106.000	
LCS	2-Fluorophenol Surr	367-12-4	1928.1	96.400	% Recov	03/20/06	50.000	110.000	
LCS	Acenaphthene	83-32-9	1937.3	96.900	% Recov	03/20/06	61.000	116.000	
LCS	4-Chloro-3-methylphenol	59-50-7	2838.5	94.600	% Recov	03/20/06	61.000	106.000	
LCS	2-Chlorophenol	95-57-8	2793.4	93.100	% Recov	03/20/06	66.000	106.000	
LCS	N-Nitroso-di-n-propylamine	621-64-7	1885.8	94.300	% Recov	03/20/06	71.000	114.000	
LCS	2-Fluorobiphenyl Surr	321-60-8	1954.5	97.700	% Recov	03/20/06	58.000	109.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

SAF Number: R06-013
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
LCS	Phenol	108-95-2	2802.5	93.400	% Recov	03/20/06	67.000	105.000	
LCS	Nitrobenzene-d5 Surr	4165-60-0	1970.6	98.500	% Recov	03/20/06	60.000	118.000	
LCS	4-Nitrophenol	100-02-7	3040.4	101.000	% Recov	03/20/06	32.000	118.000	
LCS	Pentachlorophenol	87-86-5	3060.4	102.000	% Recov	03/20/06	62.000	114.000	
LCS	Phenol-d5 Surr	4165-62-2	1960.6	98.000	% Recov	03/20/06	59.000	116.000	
LCS	Pyrene	129-00-0	1896.0	94.800	% Recov	03/20/06	66.000	118.000	
LCS	2,4,6-Tribromophenol Surr	118-79-6	1766.0	88.300	% Recov	03/20/06	60.000	120.000	
LCS	Terphenyl-d14 Surr	98904-43-9	1927.8	96.400	% Recov	03/20/06	60.000	120.000	
LCS-DUP	1,2,4-Trichlorobenzene	120-82-1	2021.6	101.000	% Recov	03/20/06	46.000	107.000	
LCS-DUP	1,4-Dichlorobenzene (SV)	106-46-7	1956.9	97.800	% Recov	03/20/06	42.000	111.000	
LCS-DUP	2,4-Dinitrotoluene	121-14-2	1877.6	93.900	% Recov	03/20/06	59.000	106.000	
LCS-DUP	2-Fluorophenol Surr	367-12-4	2075.7	104.000	% Recov	03/20/06	50.000	110.000	
LCS-DUP	Acenaphthene	83-32-9	2089.6	104.000	% Recov	03/20/06	61.000	116.000	
LCS-DUP	4-Chloro-3-methylphenol	59-50-7	3037.4	101.000	% Recov	03/20/06	61.000	106.000	
LCS-DUP	2-Chlorophenol	95-57-8	3020.4	101.000	% Recov	03/20/06	66.000	106.000	
LCS-DUP	N-Nitroso-di-n-propylamine	621-64-7	2036.1	102.000	% Recov	03/20/06	71.000	114.000	
LCS-DUP	2-Fluorobiphenyl Surr	321-60-8	2131.6	107.000	% Recov	03/20/06	58.000	109.000	
LCS-DUP	Phenol	108-95-2	3026.6	101.000	% Recov	03/20/06	67.000	105.000	
LCS-DUP	Nitrobenzene-d5 Surr	4165-60-0	2135.6	107.000	% Recov	03/20/06	60.000	118.000	
LCS-DUP	4-Nitrophenol	100-02-7	3014.2	100.000	% Recov	03/20/06	32.000	118.000	
LCS-DUP	Pentachlorophenol	87-86-5	3130.8	104.000	% Recov	03/20/06	62.000	114.000	
LCS-DUP	Phenol-d5 Surr	4165-62-2	2099.3	105.000	% Recov	03/20/06	59.000	116.000	
LCS-DUP	Pyrene	129-00-0	2032.1	102.000	% Recov	03/20/06	66.000	118.000	
LCS-DUP	2,4,6-Tribromophenol Surr	118-79-6	1896.6	94.800	% Recov	03/20/06	60.000	120.000	
LCS-DUP	Terphenyl-d14 Surr	98904-43-9	2109.0	105.000	% Recov	03/20/06	60.000	120.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: Neptunium by AEA

SAF Number: R06-013
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BATCH QC									
BLANK	Np-237 by AEA	13994-20-2	U7.8e-04	n/a	pCi/g	03/22/06	-10.000	1000.000	
LCS	Np-237 by AEA	13994-20-2	8.4e+01	84.000	% Recov	03/22/06	75.000	125.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: WTPH-D TPH Diesel Range (Wa)

SAF Number: R06-013
Sample Date: 03/14/06
Receive Date:03/14/06

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W060000452									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	ortho-Terphenyl Surr	84-15-1	25984	107.000	% Recov	03/21/06	70.000	130.000	
Lab ID: W060000453									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	ortho-Terphenyl Surr	84-15-1	23192	98.800	% Recov	03/21/06	70.000	130.000	
Lab ID: W060000454									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	ortho-Terphenyl Surr	84-15-1	23223	105.000	% Recov	03/21/06	70.000	130.000	
BATCH QC									
BLANK	Kerosene	TPHKEROSENE	< 3000	n/a	ug/Kg	03/21/06			U
BLANK	ortho-Terphenyl Surr	84-15-1	19505	97.500	% Recov	03/21/06	70.000	130.000	
BLANK	Total Pet. Hydrocarbons Diesel	TPHDIESEL	< 3000	n/a	ug/Kg	03/21/06			U
LCS	ortho-Terphenyl Surr	84-15-1	20348	102.000	% Recov	03/21/06	70.000	130.000	
LCS	Total Pet. Hydrocarbons Diesel	TPHDIESEL	98807	98.800	% Recov	03/21/06	80.000	120.000	
LCS-DUP	ortho-Terphenyl Surr	84-15-1	20466	102.000	% Recov	03/21/06	70.000	130.000	
LCS-DUP	Total Pet. Hydrocarbons Diesel	TPHDIESEL	99622	99.600	% Recov	03/21/06	80.000	120.000	
LCS-RPD	Total Pet. Hydrocarbons Diesel	TPHDIESEL	99.600	0.806	RPD	03/21/06	0.000	20.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: Uranium Isotopics by AEA

SAF Number: R06-013
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BATCH QC									
BLANK	U-234 by AEA	13966-29-5	U7.9e-03	n/a	pCi/g	03/27/06	-10.000	1000.000	
BLANK	U-235 by AEA	15117-96-1	4.9e-03	0.005	pCi/g	03/27/06	-10.000	1000.000	
BLANK	U-238 by AEA	24678-82-8	1.1E-03	0.001	pCi/g	03/27/06	-10.000	1000.000	
LCS	U-238 by AEA	24678-82-8	1.9e+01	100.237	% Recov	03/27/06	75.000	125.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: Plutonium Isotopics by AEA

SAF Number: R06-013
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BATCH QC									
BLANK	Pu-238 by AEA	13981-16-3	U1.2e-03	n/a	pCi/g	03/27/06	-10.000	1000.000	
BLANK	Pu-239/240 by AEA	PU-239/240	5.8e-03	0.006	pCi/g	03/27/06	-10.000	1000.000	
LCS	Pu-239/240 by AEA	PU-239/240	1.2e+01	93.422	% Recov	03/27/06	75.000	125.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: Americium by AEA

SAF Number: R06-013
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BATCH QC									
BLANK	Am-241 by AEA	14596-10-2	U4.3e-03	n/a	pCi/g	03/27/06	-10.000	1000.000	
LCS	Am-241 by AEA	14596-10-2	1.2e+01	99.792	% Recov	03/27/06	75.000	125.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: VOA Ground Water Protection

SAF Number: R06-013
Sample Date: 03/14/06
Receive Date:03/14/06

Lab ID: W060000455
BATCH QC ASSOCIATED WITH SAMPLE

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
MS	1,1-Dichloroethene	75-35-4	42.850	85.700	% Recov	03/23/06	63.000	117.000	
MS	Benzene	71-43-2	53.120	106.000	% Recov	03/23/06	75.000	129.000	
MS	4-Bromofluorobenzene Surr	460-00-4	94.960	95.000	% Recov	03/23/06	84.000	116.000	
MS	Chlorobenzene	108-90-7	51.520	103.000	% Recov	03/23/06	79.000	119.000	
MS	1,2-Dichloroethane-d4 Surr	17060-07-0	110.50	110.000	% Recov	03/23/06	82.000	136.000	
MS	Toluene-d8 Surr	2037-26-5	100.60	101.000	% Recov	03/23/06	89.000	119.000	
MS	Toluene	108-88-3	51.220	102.000	% Recov	03/23/06	76.000	120.000	
MS	Trichloroethene	79-01-6	49.120	98.200	% Recov	03/23/06	73.000	123.000	
MSD	1,1-Dichloroethene	75-35-4	43.380	86.800	% Recov	03/23/06	63.000	117.000	
MSD	Benzene	71-43-2	53.470	107.000	% Recov	03/23/06	75.000	129.000	
MSD	4-Bromofluorobenzene Surr	460-00-4	92.850	92.800	% Recov	03/23/06	84.000	116.000	
MSD	Chlorobenzene	108-90-7	51.700	103.000	% Recov	03/23/06	79.000	119.000	
MSD	1,2-Dichloroethane-d4 Surr	17060-07-0	108.80	109.000	% Recov	03/23/06	82.000	136.000	
MSD	Toluene-d8 Surr	2037-26-5	101.00	101.000	% Recov	03/23/06	89.000	119.000	
MSD	Toluene	108-88-3	50.570	101.000	% Recov	03/23/06	76.000	120.000	
MSD	Trichloroethene	79-01-6	51.720	103.000	% Recov	03/23/06	73.000	123.000	
SPK-RPD	1,1-Dichloroethene	75-35-4	86.800	1.275	RPD	03/23/06	0.000	20.000	
SPK-RPD	Benzene	71-43-2	107.000	0.939	RPD	03/23/06	0.000	20.000	
SPK-RPD	4-Bromofluorobenzene Surr	460-00-4	92.800	2.343	RPD	03/23/06	0.000	20.000	
SPK-RPD	Chlorobenzene	108-90-7	103.000	0.000	RPD	03/23/06	0.000	20.000	
SPK-RPD	1,2-Dichloroethane-d4 Surr	17060-07-0	109.000	0.913	RPD	03/23/06	0.000	20.000	
SPK-RPD	Toluene-d8 Surr	2037-26-5	101.000	0.000	RPD	03/23/06	0.000	20.000	
SPK-RPD	Toluene	108-88-3	101.000	0.985	RPD	03/23/06	0.000	20.000	
SPK-RPD	Trichloroethene	79-01-6	103.000	4.771	RPD	03/23/06	0.000	20.000	
SURR	4-Bromofluorobenzene Surr	460-00-4	94.310	94.300	% Recov	03/23/06	71.000	125.000	
SURR	1,2-Dichloroethane-d4 Surr	17060-07-0	107.90	108.000	% Recov	03/23/06	80.000	134.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: VOA Ground Water Protection

SAF Number: R06-013
Sample Date: 03/14/06
Receive Date:03/14/06

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
SURR	Toluene-d8 Surr	2037-26-5	100.90	101.000	% Recov	03/23/06	80.000	126.000	
Lab ID: W060000456									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	4-Bromofluorobenzene Surr	460-00-4	93.150	93.200	% Recov	03/23/06	71.000	125.000	
SURR	1,2-Dichloroethane-d4 Surr	17060-07-0	109.50	110.000	% Recov	03/23/06	80.000	134.000	
SURR	Toluene-d8 Surr	2037-26-5	99.690	99.700	% Recov	03/23/06	80.000	126.000	
Lab ID: W060000457									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	4-Bromofluorobenzene Surr	460-00-4	93.070	93.100	% Recov	03/23/06	71.000	125.000	
SURR	1,2-Dichloroethane-d4 Surr	17060-07-0	110.70	111.000	% Recov	03/23/06	80.000	134.000	
SURR	Toluene-d8 Surr	2037-26-5	100.50	100.000	% Recov	03/23/06	80.000	126.000	
BATCH QC									
BLANK	1,1-Dichloroethane	75-34-3	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	1,1,1-Trichloroethane	71-55-6	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	1,1,2-Trichloroethane	79-00-5	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	1,1,2,2-Tetrachloroethane	79-34-5	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	1,1-Dichloroethene	75-35-4	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	1,2-Dichloroethane	107-06-2	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	1,2-Dichloroethene (cis & tran	540-59-0	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	1-Butanol	71-36-3	< 40	n/a	ug/Kg	03/23/06			U
BLANK	2-Hexanone	591-78-6	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	2-Pentanone	107-87-9	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	4-Methyl-2-pentanone	108-10-1	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	Acetone	67-64-1	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	Bromodichloromethane	75-27-4	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	Benzene	71-43-2	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	4-Bromofluorobenzene Surr	460-00-4	95.800	95.800	% Recov	03/23/06	71.000	125.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: VOA Ground Water Protection

SAF Number: R06-013
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BLANK	Bromoform	75-25-2	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	n-Butylbenzene	104-51-8	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	Carbon Disulfide	75-15-0	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	Carbon Tetrachloride	56-23-5	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	Dibromochloromethane	124-48-1	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	Cyclohexane	110-82-7	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	Chloroform	67-66-3	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	Chlorobenzene	108-90-7	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	cis-1,2-Dichloroethylene	156-59-2	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	cis-1,3-Dichloropropene	10061-01-5	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	Chloroethane	75-00-3	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	1,2-Dichloroethane-d4 Surr	17060-07-0	109.20	109.000	% Recov	03/23/06	80.000	134.000	
BLANK	trans-1,2-Dichloroethylene	156-60-5	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	1,2-Dichloropropane	78-87-5	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	Ethylbenzene	100-41-4	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	Hexane	110-54-3	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	Bromomethane	74-83-9	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	Chloromethane	74-87-3	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	2-Butanone	78-93-3	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	Methylene Chloride	75-09-2	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	Tetrachloroethene	127-18-4	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	Styrene	100-42-5	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	Total Xylenes	1330-20-7	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	Tetrahydrofuran	109-99-9	< 4.0	n/a	ug/Kg	03/23/06			U
BLANK	Toluene-d8 Surr	2037-26-5	99.050	99.000	% Recov	03/23/06	80.000	126.000	
BLANK	Toluene	108-88-3	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	trans-1,3-Dichloropropene	10061-02-6	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	Trichlorofluoromethane	75-69-4	< 2.0	n/a	ug/Kg	03/23/06	0.000	5.000	U
BLANK	Trichloroethene	79-01-6	< 2.0	n/a	ug/Kg	03/23/06			U
BLANK	Vinyl Chloride	75-01-4	< 2.0	n/a	ug/Kg	03/23/06			U

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: VOA Ground Water Protection

SAF Number: R06-013
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
LCS	1,1-Dichloroethene	75-35-4	40.460	80.900	% Recov	03/23/06	70.000	130.000	
LCS	Benzene	71-43-2	53.120	106.000	% Recov	03/23/06	70.000	130.000	
LCS	4-Bromofluorobenzene Surr	460-00-4	94.960	95.000	% Recov	03/23/06	71.000	125.000	
LCS	Chlorobenzene	108-90-7	51.520	103.000	% Recov	03/23/06	70.000	130.000	
LCS	1,2-Dichloroethane-d4 Surr	17060-07-0	110.50	110.000	% Recov	03/23/06	80.000	134.000	
LCS	Toluene-d8 Surr	2037-26-5	100.60	101.000	% Recov	03/23/06	80.000	126.000	
LCS	Toluene	108-88-3	51.220	102.000	% Recov	03/23/06	70.000	130.000	
LCS	Trichloroethene	79-01-6	49.120	98.200	% Recov	03/23/06	70.000	130.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: Anions by Ion Chromatography

SAF Number: R06-013
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BATCH QC									
BLANK	Bromide (Br) by IC	24959-67-9	<9.30e-2	n/a	mg/L	03/20/06	0.000	300.000	U
BLANK	Bromide (Br) by IC	24959-67-9	<9.30e-2	n/a	mg/L	03/20/06	0.000	300.000	U
BLANK	Chloride (Cl) by IC	16887-00-6	<3.40e-2	n/a	mg/L	03/20/06	0.000	300.000	U
BLANK	Chloride (Cl) by IC	16887-00-6	<3.40e-2	n/a	mg/L	03/20/06	0.000	300.000	U
BLANK	Fluoride (F) by IC	16984-48-8	<4.00e-2	n/a	mg/L	03/20/06	0.000	300.000	U
BLANK	Fluoride (F) by IC	16984-48-8	<4.00e-2	n/a	mg/L	03/20/06	0.000	300.000	U
BLANK	Nitrite (N) by IC	NO2-N	<9.80e-3	n/a	mg/L	03/20/06	0.000	300.000	U
BLANK	Nitrite (N) by IC	NO2-N	<9.80e-3	n/a	mg/L	03/20/06	0.000	300.000	U
BLANK	Nitrate (N) by IC	NO3-N	<1.80e-2	n/a	mg/L	03/20/06	0.000	300.000	U
BLANK	Nitrate (N) by IC	NO3-N	<1.80e-2	n/a	mg/L	03/20/06	0.000	300.000	U
BLANK	Phosphate (P) by IC	PO4-P	<7.80e-2	n/a	mg/L	03/20/06	0.000	300.000	U
BLANK	Phosphate (P) by IC	PO4-P	<7.80e-2	n/a	mg/L	03/20/06	0.000	300.000	U
BLANK	Sulfate (SO4) by IC	14808-79-8	<1.30e-1	n/a	mg/L	03/20/06	0.000	300.000	U
BLANK	Sulfate (SO4) by IC	14808-79-8	<1.30e-1	n/a	mg/L	03/20/06	0.000	300.000	U
LCS	Bromide (Br) by IC	24959-67-9	3.93e+02	98.250	% Recov	03/20/06	80.000	120.000	
LCS	Chloride (Cl) by IC	16887-00-6	1.99e+02	101.531	% Recov	03/20/06	80.000	120.000	
LCS	Fluoride (F) by IC	16984-48-8	9.05e+01	90.500	% Recov	03/20/06	80.000	120.000	
LCS	Nitrite (N) by IC	NO2-N	9.41e+01	94.478	% Recov	03/20/06	80.000	120.000	
LCS	Nitrate (N) by IC	NO3-N	8.55e+01	97.270	% Recov	03/20/06	80.000	120.000	
LCS	Phosphate (P) by IC	PO4-P	1.92e+02	99.740	% Recov	03/20/06	80.000	120.000	
LCS	Sulfate (SO4) by IC	14808-79-8	3.82e+02	95.500	% Recov	03/20/06	80.000	120.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: ICP-2008 MS All possible metal

SAF Number: R06-013
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BATCH QC									
BLANK	Silver by ICP-MS	7440-22-4	<4e-2	n/a	ug/L	03/21/06			U
BLANK	Arsenic by ICP-MS	7440-38-2	<1	n/a	ug/L	03/21/06			U
BLANK	Barium by ICP-MS	7440-39-3	<0.2	n/a	ug/L	03/21/06			U
BLANK	Beryllium by ICP-MS	7440-41-7	<2e-2	n/a	ug/L	03/21/06			U
BLANK	Cadmium by ICP-MS	7440-43-9	<4e-2	n/a	ug/L	03/21/06			U
BLANK	Cobalt by ICP-MS	7440-48-4	<2e-2	n/a	ug/L	03/21/06			U
BLANK	Chromium by ICP-MS	7440-47-3	<0.7	n/a	ug/L	03/21/06			U
BLANK	Copper by ICP-MS	7440-50-8	<0.2	n/a	ug/L	03/21/06			U
BLANK	Mercury by ICP-MS	7439-97-6	<4e-2	n/a	ug/L	03/21/06			U
BLANK	Manganese by ICP-MS	7439-96-5	<2e-2	n/a	ug/L	03/21/06			U
BLANK	Molybdenum by ICP-MS	7439-98-7	<0.1	n/a	ug/L	03/21/06			U
BLANK	Nickel by ICP-MS	7440-02-0	<6e-2	n/a	ug/L	03/21/06			U
BLANK	Lead by ICP-MS	7439-92-1	<5e-2	n/a	ug/L	03/21/06			U
BLANK	Antimony by ICP-MS	7440-36-0	<0.3	n/a	ug/L	03/21/06			U
BLANK	Selenium by ICP-MS	7782-49-2	<0.4	n/a	ug/L	03/21/06			U
BLANK	Tin	7440-31-5	<5e-2	n/a	ug/L	03/21/06			U
BLANK	Strontium by ICP-MS	7440-24-6	<3e-2	n/a	ug/L	03/21/06			U
BLANK	Thorium by ICP-MS	7440-29-1	<5e-2	n/a	ug/L	03/21/06			U
BLANK	Thallium by ICP-MS	7440-28-0	<3e-2	n/a	ug/L	03/21/06			U
BLANK	Uranium by ICP-MS	7440-61-1	<2e-2	n/a	ug/L	03/21/06			U
BLANK	Vanadium by ICP-MS	7440-62-2	<0.5	n/a	ug/L	03/21/06			U
BLANK	Zinc by ICP-MS	7440-66-6	<0.3	n/a	ug/L	03/21/06			U
LCS	Silver by ICP-MS	7440-22-4	28.27	21.746	% Recov	03/21/06	98.000	134.000	
LCS	Arsenic by ICP-MS	7440-38-2	147.5	91.615	% Recov	03/21/06	75.000	134.000	
LCS	Barium by ICP-MS	7440-39-3	251.5	99.802	% Recov	03/21/06	87.000	121.000	
LCS	Beryllium by ICP-MS	7440-41-7	104.4	110.593	% Recov	03/21/06	70.000	153.000	
LCS	Cadmium by ICP-MS	7440-43-9	140.6	109.844	% Recov	03/21/06	95.000	124.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060178
Matrix: SOLID
Test: ICP-2008 MS All possible metal

SAF Number: R06-013
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
LCS	Cobalt by ICP-MS	7440-48-4	36.35	103.267	% Recov	03/21/06	88.000	119.000	
LCS	Chromium by ICP-MS	7440-47-3	68	97.842	% Recov	03/21/06	77.000	125.000	
LCS	Copper by ICP-MS	7440-50-8	148.7	100.473	% Recov	03/21/06	84.000	122.000	
LCS	Mercury by ICP-MS	7439-97-6	20.36	120.473	% Recov	03/21/06	71.000	132.000	
LCS	Manganese by ICP-MS	7439-96-5	397.3	97.377	% Recov	03/21/06	83.000	118.000	
LCS	Molybdenum by ICP-MS	7439-98-7	72.42	86.112	% Recov	03/21/06	71.000	130.000	
LCS	Nickel by ICP-MS	7440-02-0	152.4	103.673	% Recov	03/21/06	90.000	121.000	
LCS	Lead by ICP-MS	7439-92-1	151	106.338	% Recov	03/21/06	92.000	123.000	
LCS	Antimony by ICP-MS	7440-36-0	34.52	56.683	% Recov	03/21/06	114.000	260.000	
LCS	Selenium by ICP-MS	7782-49-2	60.67	94.502	% Recov	03/21/06	52.000	157.000	
LCS	Tin	7440-31-5	64.27	105.361	% Recov	03/21/06	86.000	123.000	
LCS	Strontium by ICP-MS	7440-24-6	69.46	82.690	% Recov	03/21/06	68.000	123.000	
LCS	Thorium by ICP-MS	7440-29-1	385.2	96.300	% Recov	03/21/06	77.000	121.000	
LCS	Thallium by ICP-MS	7440-28-0	88.18	104.976	% Recov	03/21/06	92.000	123.000	
LCS	Uranium by ICP-MS	7440-61-1	407.9	101.975	% Recov	03/21/06	81.000	125.000	
LCS	Vanadium by ICP-MS	7440-62-2	92.32	94.882	% Recov	03/21/06	81.000	122.000	
LCS	Zinc by ICP-MS	7440-66-6	173.8	105.333	% Recov	03/21/06	85.000	130.000	

M8141-SLF-06-076

ATTACHMENT 3

SAMPLE RECEIPT INFORMATION

Consisting of 10 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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

PROJECT HANFORD MANAGEMENT COMPANY
RICHLAND, WA 99354
Attn: Deanna Klages H8-40

Customer Code: PHMC-MISC
PO#: 121600/ES20
Group#: 20060178

deleted 2008_Th per Troy request
added Th to @2008

The following samples were received from you on 03/14/06. 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
W060000452	B1HVM6	KLAGES	Solid, or handle as if solid	03/14/06
		@2008 @AEA-30 @AEA-31 @AEA-32 @AEA-33		
		@GEA-GPP @GPP6010 @IC-30 @SR89_90 @SVOCGPP @TC99-30		
		@TPHD-WA PERSOLID		
W060000453	B1HVM8	KLAGES	Solid, or handle as if solid	03/14/06
		@2008 @AEA-30 @AEA-31 @AEA-32 @AEA-33		
		@GEA-GPP @GPP6010 @IC-30 @SR89_90 @SVOCGPP @TC99-30		
		@TPHD-WA PERSOLID		
W060000454	B1HVN0	KLAGES	Solid, or handle as if solid	03/14/06
		@2008 @AEA-30 @AEA-31 @AEA-32 @AEA-33		
		@GEA-GPP @GPP6010 @IC-30 @SR89_90 @SVOCGPP @TC99-30		
		@TPHD-WA PERSOLID		
W060000455	B1HVN2	KLAGES	Solid, or handle as if solid	03/14/06
		@VOA-GPP PERSOLID		
W060000456	B1HVN3	KLAGES	Solid, or handle as if solid	03/14/06
		@VOA-GPP PERSOLID		
W060000457	B1HVN4	KLAGES	Solid, or handle as if solid	03/14/06
		@VOA-GPP PERSOLID		

Test Acronym Description

Test Acronym	Description
@2008	ICP-2008 MS All possible metal
@AEA-30	Plutonium Isotopics by AEA
@AEA-31	Americium by AEA
@AEA-32	Uranium Isotopics by AEA
@AEA-33	Neptunium by AEA
@GEA-GPP	Gamma Energy Analysis-grd H2O
@GPP6010	ICP Metals Analysis, Grd H2O P
@IC-30	Anions by Ion Chromatography
@SR89_90	Strontium 89/90
@SVOCGPP	SW-846 8270C Semi-Vols
@TC99-30	TC99 by Liquid Scin.

PROJECT HANFORD MANAGEMENT COMPANY

Customer Code: PHMC-MISC

RICHLAND, WA 99354

PO#: 121600/ES20

Attn: Deanna Klages H8-40

Group#: 20060178

Test Acronym Description

Test Acronym	Description
@TPHD-WA	WTPH-D TPH Diesel Range (Wa)
@VOA-GPP	VOA Ground Water Protection
PERSOLID	Percent Solids

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	R06-013-002	PAGE 1 OF 2

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 9C	DATA TURNAROUND
KB Hulse 3/29/06	TRECHTER, JE	373-7046	TRECHTER, JE	AIR QUALITY ☐	15 Days / 15 Days
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**		
200-UW-1	200-UW-1 Operable Unit, Soil from Trench between 216-U-8 and 216-U-12		R06-013		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**		
SESP	DTS-SAWS-H100	121600ES20	GOVERNMENT VEHICLE		
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		
Waste Sampling & Characterization	N/A		N/A		

MATRIX*
OL = OTHER LIQUID
OS = OTHER SOLID
S = SOIL
W = WATER

SPECIAL HANDLING AND/OR STORAGE
20060178

POSSIBLE SAMPLE HAZARDS/ REMARKS

SAMPLE NO.	LAB ID	MATRIX*	SAMPLE DATE	SAMPLE TIME	NO./TYPE CONTAINER(S)	ANALYSIS	PRESERVATION
B1HVM6	W0600004S2	S	3-14-06	0950	1X60mL aG 23.6 grams	SEE ITEM (1) IN SPECIAL INSTRUCTIONS See SAF R06-013 JET	Cool 4C
B1HVM6		S			1X60mL G 23.4 grams	TPH-Diesel Range - WTPH-D {TPHKEROSEN}	Cool 4C
B1HVM6		S			1X500mL Square Bottle - Poly 647 grams	SEE ITEM (2) IN SPECIAL INSTRUCTIONS See SAF R06-013 JET for GEA	None
B1HVM6		S			1X60mL G/P 24.4 grams	Isotopic Plutonium {Pu-238, Pu-239/240} Isotopic Uranium {U-233/234, U-235, U-238} Americium-241 {Am-241}	None
B1HVM6		S			1X60mL G/P 23.6 grams	Strontium-89,90 -- Sr-90 {Sr-90}	None
B1HVM6		S			1X60mL G/P 23.8 grams	Technetium-99 {Tc-99}	None
B1HVM6		S			1X60mL G/P 23.3 grams	Neptunium-237 {Np-237}	None

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
K.B. HULSE KB Hulse	3/14/06 1355	TA FRAZIER Teresa Frazier	3/14/06 1355
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

Reporting format the same as GPP, including QC. All samples, except VOAs, have been taken using the multiple-increment sampling program. This requires the entire sample provided in each bottle to be used in analysis. VOAs will be analyzed as usual.
(1)Semi-VOA -- 8270A (Add-On) {124TRMEBEN, 2-NAPHTHAM, 2BUTOXETOL, BENZALC, CYCHEXN, DECANE, MCRESOL, METHYLPHEN, PYRIDINE, TRIBUPH} Semi-VOA - 8270A (TCL) {12DICLBENZ, 13DICLBENZ, 14DICLBENZ, 245TRCLPHN, 246TRCLPHN, 24DICLPHEN, 24DIMET, 24DINITOLU, 26DINITOLU, 2CLMEETHER, 2MENAPH, 2METHPH, 2NITRAN, 2NITRPH, 3NITRAN, 46DINIT, 4CHLOET, 9H-CARB, ACENAPH, ACENATL, ANTHRACENE, BENZAAN, BENZBFL, BENZOPE,

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

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	R06-013-002	PAGE 2 OF 2

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 9C	DATA TURNAROUND
KB Hulse	TRECHTER, JE	373-7046	TRECHTER, JE		
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**	**AIR QUALITY** ☐	15 Days / 15 Days
200-UW-1	200-UW-1 Operable Unit, Soil from Trench between 216-U-8 and 216-U-12		R06-013		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**		
SESP	OTS-SAWS-H100	121600ES20	GOVERNMENT VEHICLE		
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		
Waste Sampling & Characterization	N/A		N/A		

MATRIX*
OL = OTHER LIQUID
OS = OTHER SOLID
S = SOIL
W = WATER

SPECIAL HANDLING AND/OR STORAGE

POSSIBLE SAMPLE HAZARDS/ REMARKS

SAMPLE NO.	LAB ID	MATRIX*	SAMPLE DATE	SAMPLE TIME	NO./TYPE CONTAINER(S)	ANALYSIS	PRESERVATION
B1HVM6		S	3-14-06	0950	1X60mL G/P 21.9 grams	IC Anions - 300.0 {BROMIDE, CHLORIDE, FLUORIDE, NO2-N, NO3-N, PO4-P, SULFATE}	None
B1HVM6		S			1X60mL G/P 23 grams	ICP Metals - 6010A (Add-on) {B, Bi, La, Li, Si, Sm, Tl} ICP Metals - 6010A (TAL) {Al, Ca, Fe, K, Mg, Na}	Cool 4C
B1HVM6		S			1X60mL G/P 21.2 grams	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	None

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
KB Hulse	3-14-06 1355	TA FRAZIER Teresa Frazier	3-14-06 1355

SPECIAL INSTRUCTIONS

Reporting format the same as GPP, including QC. All samples, except VOAs, have been taken using the multiple-increment sampling program. This requires the entire sample provided in each bottle to be used in analysis. VOAs will be analyzed as usual.
(3)ICP/MS - 200.8 (Add-on) {As, Be, Mo, Pb, Se, Sn, Sr, Tl, U} ICP/MS - 200.8 (TAL) {Ag, Ba, Cd, Co, Cr, Cu, Mn, Ni, Sb, V, Zn} ICP/MS - 200.8 (Hg) {Hg} Isotopic Thorium {Th-232}

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

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	R06-013-003	PAGE 1 OF 2

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 9C	DATA TURNAROUND
KB Hulse	TRECHTER, JE	373-7046	TRECHTER, JE	AIR QUALITY ☐	15 Days / 15 Days
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**		
200-UW-1	200-UW-1 Operable Unit, Soil from Trench between 216-U-8 and 216-U-12		R06-013		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**		
SESP	DTS-SAWS-H100	121600ES20	GOVERNMENT VEHICLE		
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		
Waste Sampling & Characterization	N/A		N/A		

MATRIX*
OL = OTHER LIQUID
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W = WATER

SPECIAL HANDLING AND/OR STORAGE

POSSIBLE SAMPLE HAZARDS/ REMARKS

SAMPLE NO.	LAB ID	MATRIX*	SAMPLE DATE	SAMPLE TIME	NO./TYPE CONTAINER(S)	ANALYSIS	PRESERVATION
B1HVM8	WCH 0000453	S	3/14/06	1010	1X60mL aG 24.2 grams	SEE ITEM (1) IN SPECIAL INSTRUCTIONS See SAF R06-013	Cool 4C
B1HVM8		S			1X60mL G 23.2 grams	TPH-Diesel Range - WTPH-D {TPHKEROSEN}	Cool 4C
B1HVM8		S			1X500mL Square Bottle - Poly 491 grams	SEE ITEM (2) IN SPECIAL INSTRUCTIONS See SAF R06-013 for GEA	None
B1HVM8		S			1X60mL G/P 22.6 grams	Isotopic Plutonium {Pu-238, Pu-239/240} Isotopic Uranium {U-233/234, U-235, U-238} Americium-241 {Am-241}	None
B1HVM8		S			1X60mL G/P 23.1 grams	Strontium-89,90 -- Sr-90 {Sr-90}	None
B1HVM8		S			1X60mL G/P 24.2 grams	Technetium-99 {Tc-99}	None
B1HVM8		S			1X60mL G/P 24.7 grams	Neptunium-237 {Np-237}	None

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
K. B. HULSE	3/14/06 1355	TA FRAZIER	3/14/06 1355

SPECIAL INSTRUCTIONS

Reporting format the same as GPP, including QC. All samples, except VOAs, have been taken using the multiple-increment sampling program. This requires the entire sample provided in each bottle to be used in analysis. VOAs will be analyzed as usual.
(1)Semi-VOA -- 8270A (Add-On) {124TRMEBEN, 2-NAPHTHAM, 2BUTOXETOL, BENZALC, CYCHEXN, DECANE, MCRESOL, METHYLPHEN, PYRIDINE, TRIBUPH} Semi-VOA - 8270A (TCL) {12DICLBENZ, 13DICLBENZ, 14DICLBENZ, 245TRCLPHN, 246TRCLPHN, 24DICLPHEN, 24DIMET, 24DINITOLU, 26DINITOLU, 2CLMEETHER, 2MENAPH, 2METHPH, 2NITRAN, 2NITRPH, 3NITRAN, 46DINIT, 4CHLOET, 9H-CARB, ACENAPH, ACENATL, ANTHRACENE, BENZAAN, BENZBFL, BENZOPE,

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

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	R06-013-003	PAGE 2 OF 2

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 9C	DATA TURNAROUND
KB Hulse	TRECHTER, JE	373-7046	TRECHTER, JE		
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**	**AIR QUALITY** ☐	15 Days / 15 Days
200-UW-1	200-UW-1 Operable Unit, Soil from Trench between 216-U-8 and 216-U-12		R06-013		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**		
SESP	DTS-SAWS-H100	121600ES20	GOVERNMENT VEHICLE		
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		
Waste Sampling & Characterization	N/A		N/A		

MATRIX*
OL = OTHER LIQUID
OS = OTHER SOLID
S = SOIL
W = WATER

SPECIAL HANDLING AND/OR STORAGE

POSSIBLE SAMPLE HAZARDS/ REMARKS

SAMPLE NO.	LAB ID	MATRIX*	SAMPLE DATE	SAMPLE TIME	NO./TYPE CONTAINER(S)	ANALYSIS	PRESERVATION
B1HVM8		S	3/14/06	1010	1X60mL G/P 23.0 grams	IC Anions - 300.0 {BROMIDE, CHLORIDE, FLUORIDE, NO2-N, NO3-N, PO4-P, SULFATE}	None
B1HVM8		S	↓	↓	1X60mL G/P 23.9 grams	ICP Metals - 6010A (Add-on) {B, Bi, La, Li, Si, Sm, Tl} ICP Metals - 6010A (TAL) {Al, Ca, Fe, K, Mg, Na}	Cool 4C
B1HVM8		S	↓	↓	1X60mL G/P 25.0 grams	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	None

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
K.B. HULSE KB Hulse	3-14-06 1355	TA BRAZIER Tonia Brazier	3/14/06 1355
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

Reporting format the same as GPP, including QC. All samples, except VOAs, have been taken using the multiple-increment sampling program. This requires the entire sample provided in each bottle to be used in analysis. VOAs will be analyzed as usual.
(3)ICP/MS - 200.8 (Add-on) {As, Be, Mo, Pb, Se, Sn, Sr, Tl, U} ICP/MS - 200.8 (TAL) {Ag, Ba, Cd, Co, Cr, Cu, Mn, Ni, Sb, V, Zn} ICP/MS - 200.8 (Hg) {Hg} Isotopic Thorium {Th-232}

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

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	R06-013-004	PAGE 1 OF 2

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 9C	DATA TURNAROUND
KB Hulse	TRECHTER, JE	373-7046	TRECHTER, JE	AIR QUALITY ☐	15 Days / 15 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.
200-UW-1	200-UW-1 Operable Unit, Soil from Trench between 216-U-8 and 216-U-12	R06-013

ICE CHEST NO.	FIELD LOGBOOK NO.	COA	METHOD OF SHIPMENT
SESP	DTS-SAWS-H100	121600ES20	GOVERNMENT VEHICLE

SHIPPED TO	OFFSITE PROPERTY NO.	BILL OF LADING/AIR BILL NO.
Waste Sampling & Characterization	N/A	N/A

MATRIX*
OL = OTHER LIQUID
OS = OTHER SOLID
S = SOIL
W = WATER

SPECIAL HANDLING AND/OR STORAGE

POSSIBLE SAMPLE HAZARDS/ REMARKS

SAMPLE NO.	LAB ID	MATRIX*	SAMPLE DATE	SAMPLE TIME	NO./TYPE CONTAINER(S)	ANALYSIS	PRESERVATION
B1HVN0	954	S	3-14-06	1020	1X60mL aG 23.7 grams	SEE ITEM (1) IN SPECIAL INSTRUCTIONS See SAF R06-013 JET	Cool 4C
B1HVN0		S			1X60mL G 24.7 grams	TPH-Diesel Range - WTPH-D {TPHKEROSEN}	Cool 4C
B1HVN0		S			1X500mL Square Bottle - Poly 621 grams	SEE ITEM (2) IN SPECIAL INSTRUCTIONS See SAF R06-013 for GEA JET	None
B1HVN0		S			1X60mL G/P 24.4 grams	Isotopic Plutonium {Pu-238, Pu-239/240} Isotopic Uranium {U-233/234, U-235, U-238} Americium-241 {Am-241}	None
B1HVN0		S			1X60mL G/P 24.1 grams	Strontium-89,90 -- Sr-90 {Sr-90}	None
B1HVN0		S			1X60mL G/P 23.6 grams	Technetium-99 {Tc-99}	None
B1HVN0		S			1X60mL G/P 23.6 grams	Neptunium-237 {Np-237}	None

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
K. B. HULSE	3/14/06 1355	TA FRAZIER	3/14/06 1355
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
K. B. HULSE			
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

Reporting format the same as GPP, including QC. All samples, except VOAs, have been taken using the multiple-increment sampling program. This requires the entire sample provided in each bottle to be used in analysis. VOAs will be analyzed as usual.
(1)Semi-VOA -- 8270A (Add-On) {124TRMEBEN, 2-NAPHTHAM, 2BUTOXETOL, BENZALC, CYCHEXN, DECANE, MCRESOL, METHYLPHEN, PYRIDINE, TRIBUPH} Semi-VOA - 8270A (TCL) {12DICLBENZ, 13DICLBENZ, 14DICLBENZ, 245TRCLPHN, 246TRCLPHN, 24DICLPHEN, 24DIMET, 24DINITOLU, 26DINITOLU, 2CLMEETHER, 2MENAPH, 2METHPH, 2NITRAN, 2NITRPH, 3NITRAN, 46DINIT, 4CHLOET, 9H-CARB, ACENAPH, ACENATL, ANTHRACENE, BENZAAN, BENZBFL, BENZOPE,

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

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Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	R06-013-004	PAGE 2 OF 2

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 9C	DATA TURNAROUND
KB Hulse	TRECHTER, JE	373-7046	TRECHTER, JE		
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**	**AIR QUALITY** ☐	15 Days / 15 Days
200-UW-1	200-UW-1 Operable Unit, Soil from Trench between 216-U-8 and 216-U-12		R06-013		
ICE CHEST NO.	**FIELD LOGBOOK NO.**	**COA**	**METHOD OF SHIPMENT**		
SESP	DTS-SAWS-H100	121600ES20	GOVERNMENT VEHICLE		
SHIPPED TO	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		
Waste Sampling & Characterization	N/A		N/A		

MATRIX*
OL = OTHER LIQUID
OS = OTHER SOLID
S = SOIL
W = WATER

SPECIAL HANDLING AND/OR STORAGE

POSSIBLE SAMPLE HAZARDS/ REMARKS

SAMPLE NO.	LAB ID	MATRIX*	SAMPLE DATE	SAMPLE TIME	NO./TYPE CONTAINER(S)	ANALYSIS	PRESERVATION
B1HVN0		S	3-14-06	1020	1X60mL G/P 24.6 grams	IC Anions - 300.0 {BROMIDE, CHLORIDE, FLUORIDE, NO2-N, NO3-N, PO4-P, SULFATE}	None
B1HVN0		S			1X60mL G/P 23.8 grams	ICP Metals - 6010A (Add-on) {B, Bi, La, Li, Si, Sm, Tl} ICP Metals - 6010A (TAL) {Al, Ca, Fe, K, Mg, Na}	Cool 4C
B1HVN0		S			1X60mL G/P 24.9 grams	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	None

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
K. B. HULSE KB Hulse	3/14/06 1355	TA FRAZIER Teresa Frazier	3/14/06 1355
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

Reporting format the same as GPP, including QC. All samples, except VOAs, have been taken using the multiple-increment sampling program. This requires the entire sample provided in each bottle to be used in analysis. VOAs will be analyzed as usual.
(3)ICP/MS - 200.8 (Add-on) {As, Be, Mo, Pb, Se, Sn, Sr, Tl, U} ICP/MS - 200.8 (TAL) {Ag, Ba, Cd, Co, Cr, Cu, Mn, Ni, Sb, V, Zn} ICP/MS - 200.8 (Hg) {Hg} Isotopic Thorium {Th-232}

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

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			R06-013-005	PAGE 1 OF 1
COLLECTOR KB Hulse 3/29/06	COMPANY CONTACT TRECHTER, JE	TELEPHONE NO. 373-7046	PROJECT COORDINATOR TRECHTER, JE	PRICE CODE 9C AIR QUALITY ☐	DATA TURNAROUND 15 Days / 15 Days
SAMPLING LOCATION 200-UW-1	PROJECT DESIGNATION 200-UW-1 Operable Unit, Soil from Trench between 216-U-8 and 216-U-12		SAF NO. R06-013		
ICE CHEST NO. SESP	FIELD LOGBOOK NO. DTS-SAWS-H100	COA 121600ES20	METHOD OF SHIPMENT GOVERNMENT VEHICLE		
SHIPPED TO Waste Sampling & Characterization	OFFSITE PROPERTY NO. N/A		BILL OF LADING/AIR BILL NO. N/A		

MATRIX*
OL = OTHER LIQUID
OS = OTHER SOLID
S = SOIL
W = WATER

SPECIAL HANDLING AND/OR STORAGE: 20060178

POSSIBLE SAMPLE HAZARDS/ REMARKS:

SAMPLE NO.	LAB ID	MATRIX*	SAMPLE DATE	SAMPLE TIME	NO./TYPE CONTAINER(S)	ANALYSIS	PRESERVATION
B1HVN2	W06000455	S	3/14/06	0730	1X40mL aGs*	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	Cool 4C
B1HVN3	456	S	3/14/06	1000	1X40mL aGs*	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	Cool 4C
B1HVN4	457	S	3/14/06	1020	1X40mL aGs*	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	Cool 4C

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
K. B. HULSE	3-14-06 1355	TA FRAZIER	3-14-06 1355
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

SPECIAL INSTRUCTIONS

Reporting format the same as GPP, including QC. All samples, except VOAs, have been taken using the multiple-increment sampling program. This requires the entire sample provided in each bottle to be used in analysis. VOAs will be analyzed as usual.
(1)VOA - 8260A (Add-On) {1BUTANOL, 1PROPANOL, 2-PENTANON, ACETILE, CISDCE, ETHANOL, HEXANE, N-BUTYL, PROPCYHEXA, TETHYDF, TRANDCE, TRCMFLM} VOA - 5035/8260 (TCL) {1,1,1-T, 1,1,2-T, 1,1-DCL, 1,2-DCL, 1122-TCE, 12DICHL, 2HEXANONE, ACETONE, BDCM, BENZENE, BROMOFORM, CARBIDE, CARBTET, CDBM, CHLOROBENZ, CHLOROFORM, CIS13DI, CLETHAN, DICETHY, DICPANE, ETHBENZENE, HEXONE, METHBRO, METHCHL, METHONE, METHYCH, PERCENE,

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