Rev. 0

0072803

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Memorandum

M8141-SLF-06-093

To: D. L. Klages H8-40 Date: May 15, 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)	

6/23/06 Dayes

Subject: FINAL RESULTS FOR 200-UW-1 OPERABLE UNIT ~~TRENCH~~ Soil from Trench between 216-U-8 and 216-U-12 Cribs SAMPLE DELIVERY GROUP WSCF20060303 – SAF NUMBER R06-~~019~~ 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 WSCF20060303, the analytical results (Attachment 2), and the sample receipt information (Attachment 3).

SLF/grf

Attachments 3

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M8141-SLF-06-163

ATTACHMENT 1

NARRATIVE

Consisting of 8 pages
Including cover page

Sample Delivery Group	**WSCF20060303**
Sample Matrix	**SOLID**
Sample Visual	**N/A**
SAF Number	**R06-013**
Data Deliverable	**Summary Report**

Introduction

Six soil samples (B1J2T3, B1J2T6, B1J2T7, B1J2T8, B1J373 and B1J374) from the 200-UW-1 Operable Unit Trench were received at the WSCF Laboratory on April 12, 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.

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 38 through 39, for a complete listing of approved analytical methods used.

Inorganic Comments

Anions – There are no holding times for anions in soil. A Blank, Laboratory Control Sample, Sample Duplicate, Matrix Spike and Matrix Spike Duplicate were analyzed with this batch of less than 20 samples. See page 45 through 46 for QC details. All QC controls are within the established limits.

ICP-AES Metals – The holding time for this analysis was met. A Blank, Laboratory Control Sample, Matrix Spike and Matrix Spike Duplicate were analyzed with this delivery group of less than 20 samples. See pages 61 through 62 for QC details. Analytical Notes:

- Calcium and Silicon were detected in the associated preparation Blank sample. Samples that are affected by this have been given a "C" flag.
- Bismuth yielded a high Laboratory Control Sample recovery. Since no Bismuth was found in any of the samples, no flag was required.
- Silicon yielded a low Laboratory Control Sample recovery, resulting in an "X" flag.

- Matrix Spike and Matrix Spike Duplicate analyzed on sample B1J2T9 from Sample Delivery Group 20060300, analyzed in the same batch as this group.

- Aluminum, iron and calcium sample results beyond effective spike range resulting in N/A for % Recoveries and RPD.

- Magnesium and Silicon yielded high Matrix Spike and Matrix Spike recoveries, however the RPDs are acceptable.

Matrix Spike and Matrix Spike Duplicate Recovery Data			
Analyte	**Matrix Spike (% Recovery)**	**Matrix Spike Dup (% Recovery)**	**RPD (%)**
Aluminum	N/A	N/A	N/A
Boron	95.7	96.5	0.897
Bismuth	75.0	76.7	2.28
Calcium	N/A	N/A	N/A
Iron	N/A	N/A	N/A
Potassium	89.9	90.7	0.93
Lithium	85.6	85.9	0.31
Magnesium	173.5	165.3	4.85
Sodium	113.4	114.9	1.22
Silicon	189.4	193.0	1.91
Titanium	100.4	99.5	0.98

All other QC controls are within the established limits.

ICP-MS Metals – The holding time for this analysis was met. A Blank, Laboratory Control Sample, Matrix Spike and Matrix Spike Duplicate were analyzed with this batch of less than 20 samples. See pages 47 through 49. Analytical Notes:

- Matrix Spike and Matrix Spike Duplicate were analyzed on sample B1J2T9 from Sample Delivery Group 20060300, analyzed in the same batch as this group.

- Thorium results listed in the report represent Th-232 exclusively.

- Thorium was detected in the laboratory blank. Affected samples received a "C" flag.
- Selenium results are affected by Krypton contamination of the Argon used in the ICP. The results may be biased low by as much as 10 ug/g. Analytical values have received an "X" flag.

Matrix Spike and Matrix Spike Duplicate Recovery Data			
Analyte	**Matrix Spike (% Recovery)**	**Matrix Spike Dup (% Recovery)**	**RPD (%)**
Silver	95.3	87.0	9.1
Arsenic	97.8	94.6	3.3
Barium	101.7	104.4	2.6
Beryllium	101.4	101.1	0.3
Cadmium	101.7	98.3	3.4
Cobalt	97.3	94.5	2.9
Chromium	98.8	95.6	3.3
Copper	95.8	93.7	2.2
Mercury	114.2	118.2	3.4
Manganese	97.0	105.5	8.4
Molybdenum	100.7	95.4	5.4
Nickel	96.3	93.5	3.0
Lead	102.1	97.9	4.3
Antimony	105.3	103.8	1.4
Selenium	96.0	93.3	2.9
Tin	101.9	102.8	0.9
Strontium	94.0	92.8	1.3
Thorium	102.2	99.6	2.5

Matrix Spike and Matrix Spike Duplicate Recovery Data			
Analyte	**Matrix Spike (% Recovery)**	**Matrix Spike Dup (% Recovery)**	**RPD (%)**
Thallium	100.6	95.4	5.3
Uranium	103.0	103.4	0.3
Vanadium	99.2	96.9	2.3
Zinc	98.8	95.4	3.5

All other QC controls are within the established limits.

Percent Solids – analyzed for organic moisture correction.

Organic Comments

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

Semi-VOA – The holding time for this analysis was met. A Blank, Laboratory Control Sample, Matrix Spike and Matrix Spike Duplicate were analyzed with this delivery group of less than 20 samples. See pages 53 through 59 for QC details. Analytical Notes:

- 1,4-Dichlorobenzene Matrix Spike recovery was high at 98.1 %. Sample was not flagged.

All other QC controls are within the established limits.

TPHD-WA - The holding time for this analysis was met. A Blank, Laboratory Control Sample, Matrix Spike and Matrix Spike Duplicate were analyzed with this delivery group of less than 20 samples. See page 60 for QC details. Analytical Note:

- B1J2T3 chromatogram showed positive for diesel, but the chemist has determined that it was most likely break down byproducts of lubricating oil.

All other QC controls are within the established limits.

VOA – The holding 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 64 through 66 for QC details. All QC controls are within the established limits.

Radiochemistry Comments

There are no holding times associated with WSCF radiochemical methods.

Technicium-99 - A Blank, Laboratory Control Sample, Post Digestion Spike and Post Digestion Sample Duplicate were analyzed with this delivery group of less than 20 samples. See page 40 for QC details. Analytical Note:

- Matrix Spike recovery was low at 60%, however all other QC was within acceptable limits. No flag was applied.

All other QC controls are within the established limits.

Strontium – 89/90 – A Blank, Laboratory Control Sample and Sample Duplicate were analyzed with this batch of less than 20 samples. See page 44 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 pages 41 through 43 for QC details. Analytical Notes:

- Eu-155 Duplicate RPD is high; however since the sample radiological activity is low, the RPD is not relevant.

All other 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 49 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 50 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 51 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 52 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			
B1J2T3	W060000742	Np-237	88.1%
B1J373	W060000746	Np-237	88.1%
Americium-243			
BLANK		Am-243	58.9%
LCS		Am-243	89.3%
B1J2T3	W060000742	Am-243	84.4%
B1J373	W060000746	Am-243	83.0%
Plutonium-242			
BLANK		Pu-242	90.7%
LCS		Pu-242	94.9%
B1J2T3	W060000742	Pu-242	78.6%
B1J373	W060000746	Pu-242	94.5%
Strontium-85			
BLANK		Sr-85	101%
LCS		Sr-85	100%
B1J2T3	W060000742	Sr-85	77.5%
B1J373	W060000746	Sr-85	95.6%
Uranium-232			
BLANK		U-232	67.3%
LCS		U-232	67.4%

Radiochemical Matrix Spike Recovery			
Sample Number	**Lab Sample ID**	**Isotope**	**Spike Recovery (Percent)**
B1J2T3	W060000742	U-232	71.2%
B1J373	W060000746	U-232	74.5%

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-06-163

ATTACHMENT 2

ANALYTICAL RESULTS

Consisting of 59 pages
Including cover page

WSCF
ANALYTICAL RESULTS REPORT

for

PROJECT HANFORD MANAGEMENT COMPANY
RICHLAND, WA 99354

Attention: DL KLAGES

Analytical: Merlin Stauffer

Client Services: John Trechter John Trechter

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

CONTROLLED USE INFORMATION: The recipient of this report has the responsibility to protect and safeguard the requested information from unauthorized disclosure or misuse. This information is intended for the use of the addressee only. If the reader of this report is not the intended recipient or is not authorized by the recipient to receive the report, you are hereby notified that any dissemination, distribution or copying of this report is strictly prohibited. If you have received this report in error, please notify WSCF Laboratory immediately by telephone at (509) 373-7020 or (509) 531-8004. WSCF will not identify analytical reports as Official Use Only (OUO) or Sensitive. This classification must be determined by the owner of the report.

Report#: 20060303
Report Date: 21-jun-2006
Report W005/ver. 1.2
PROJECT HANFORD MANAGEMENT COMPANY

WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
Organic														
W060000742	B1J2T3	KL	100-02-7	4-Nitrophenol	SOLID	LA-523-456	U	< 350	ug/kg	1.00	3.5e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	106-46-7	1,4-Dichlorobenzene (SV)	SOLID	LA-523-456	U	< 540	ug/kg	1.00	5.4e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	108-95-2	Phenol	SOLID	LA-523-456	U	< 280	ug/kg	1.00	2.8e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	120-82-1	1,2,4-Trichlorobenzene	SOLID	LA-523-456	U	< 360	ug/kg	1.00	3.6e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	121-14-2	2,4-Dinitrotoluene	SOLID	LA-523-456	U	< 220	ug/kg	1.00	2.2e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	129-00-0	Pyrene	SOLID	LA-523-456	U	< 1.50e+03	ug/kg	1.00	1.5e+03	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	59-50-7	4-Chloro-3-methylphenol	SOLID	LA-523-456	U	< 190	ug/kg	1.00	1.9e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	621-64-7	N-Nitroso-di-n-propylamine	SOLID	LA-523-456	U	< 310	ug/kg	1.00	3.1e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	83-32-9	Acenaphthene	SOLID	LA-523-456	U	< 280	ug/kg	1.00	2.8e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	87-86-5	Pentachlorophenol	SOLID	LA-523-456	U	< 300	ug/kg	1.00	3.0e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	95-57-8	2-Chlorophenol	SOLID	LA-523-456	U	< 310	ug/kg	1.00	3.1e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	100-01-6	4-Nitroaniline	SOLID	LA-523-456	U	< 360	ug/kg	1.00	3.6e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	101-55-3	4-Bromophenyl-phenylether	SOLID	LA-523-456	U	< 210	ug/kg	1.00	2.1e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	105-67-9	2,4-Dimethylphenol	SOLID	LA-523-456	U	< 360	ug/kg	1.00	3.6e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	106-47-8	4-Chloroaniline	SOLID	LA-523-456	U	< 610	ug/kg	1.00	6.1e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	108-60-1	Bis(2-Chloro-1-methylene)	SOLID	LA-523-456	U	< 360	ug/kg	1.00	3.6e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	111-44-4	bis(-2-Chloroethyl)Eth	SOLID	LA-523-456	U	< 410	ug/kg	1.00	4.1e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	111-91-1	bis(2-Chloroethoxy)methane	SOLID	LA-523-456	U	< 250	ug/kg	1.00	2.5e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	117-81-7	Bis (2-Ethylhexyl) phthalate	SOLID	LA-523-456	U	< 210	ug/kg	1.00	2.1e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	117-84-0	Di-n-octylphthalate	SOLID	LA-523-456	U	< 340	ug/kg	1.00	3.4e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	118-74-1	Hexachlorobenzene	SOLID	LA-523-456	U	< 280	ug/kg	1.00	2.8e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	120-12-7	Anthracene	SOLID	LA-523-456	U	< 310	ug/kg	1.00	3.1e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	120-83-2	2,4-Dichlorophenol	SOLID	LA-523-456	U	< 180	ug/kg	1.00	1.8e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	131-11-3	Dimethylphthalate	SOLID	LA-523-456	U	< 260	ug/kg	1.00	2.6e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	132-64-9	Dibenzofuran	SOLID	LA-523-456	U	< 250	ug/kg	1.00	2.5e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	191-24-2	Benzo(g,h,i)perylene	SOLID	LA-523-456	U	< 310	ug/kg	1.00	3.1e+02	04/25/06	04/11/06	04/12/06

MDL=Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) C - The Analyte was found in the Associated Blank.

RQ=Result Qualifier U - Analyzed for but not detected above limiting criteria. X - Other flags and notes described in the comments/narrative.

DF=Dilution Factor

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000742	B1J2T3	KL	193-39-5	Indeno(1,2,3-cd)pyrene	SOLID	LA-523-456	U	< 330	ug/kg	1.00	3.3e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	205-99-2	Benzo(b)fluoranthene	SOLID	LA-523-456	U	< 300	ug/kg	1.00	3.0e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	206-44-0	Fluoranthene	SOLID	LA-523-456	U	< 330	ug/kg	1.00	3.3e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	207-08-9	Benzo(k)fluoranthene	SOLID	LA-523-456	U	< 220	ug/kg	1.00	2.2e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	208-96-8	Acenaphthylene	SOLID	LA-523-456	U	< 300	ug/kg	1.00	3.0e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	218-01-9	Chrysene	SOLID	LA-523-456	U	< 290	ug/kg	1.00	2.9e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	50-32-8	Benzo(a)pyrene	SOLID	LA 523-456	U	< 250	ug/kg	1.00	2.5e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	51-28-5	2,4-Dinitrophenol	SOLID	LA-523-456	U	< 720	ug/kg	1.00	7.2e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	53-70-3	Dibenz(a,h)anthracene	SOLID	LA-523-456	U	< 380	ug/kg	1.00	3.8e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	534-52-1	4,6-Dinitro-2-methylphenol	SOLID	LA 523-456	U	< 520	ug/kg	1.00	5.2e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	541-73-1	1,3-Dichlorobenzene	SOLID	LA-523-456	U	< 650	ug/kg	1.00	6.5e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	56-55-3	Benzo(a)anthracene	SOLID	LA-523-456	U	< 260	ug/kg	1.00	2.6e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	606-20-2	2,6-Dinitrotoluene	SOLID	LA-523 456	U	< 280	ug/kg	1.00	2.8e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7005 72 3	4-Chlorophenyl phenylether	SOLID	LA-523-456	U	< 210	ug/kg	1.00	2.1e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	77-47-4	Hexachlorocyclopentadiene	SOLID	LA-523-456	U	< 660	ug/kg	1.00	6.6e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	78-59-1	Isophorone	SOLID	LA-523-456	U	< 340	ug/kg	1.00	3.4e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	84-66-2	Diethylphthalate	SOLID	LA-523-456		590	ug/kg	1.00	5.4e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	84-74-2	Di-n-butylphthalate	SOLID	LA 523-456	U	< 660	ug/kg	1.00	6.6e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	85-01 8	Phenanthrene	SOLID	LA-523 456	U	< 290	ug/kg	1.00	2.9e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	85-68-7	Butylbenzylphthalate	SOLID	LA-523-456	U	< 170	ug/kg	1.00	1.7e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	86-30-6	N-Nitrosodiphenylamine	SOLID	LA-523-456	U	< 290	ug/kg	1.00	2.9e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	86-73-7	Fluorene	SOLID	LA-523 456	U	< 280	ug/kg	1.00	2.8e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	86-74-8	Carbazole	SOLID	LA-523-456	U	< 320	ug/kg	1.00	3.2e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	87-68-3	Hexachlorobutadiene	SOLID	LA 523-456	U	< 340	ug/kg	1.00	3.4e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	88-74-4	2-Nitroaniline	SOLID	LA-523-456	U	< 210	ug/kg	1.00	2.1e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	88 75 5	2 Nitrophenol	SOLID	LA-523-456	U	< 370	ug/kg	1.00	3.7e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	91 20-3	Naphthalene	SOLID	LA-523 456	U	< 330	ug/kg	1.00	3.3e+02	04/25/06	04/11/06	04/12/06

MDL=Minimum Detection Limit B - The analyte < the RDL but >= the IDL/MDL (inorganic) C - The Analyte was found in the Associated Blank.

RQ=Result Qualifier U - Analyzed for but not detected above limiting criteria. X - Other flags and notes described in the comments/narrative.

DF=Dilution Factor

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000742	B1J2T3	KL	91-57-6	2-Methylnaphthalene	SOLID	LA-523-456	U	< 310	ug/kg	1.00	3.1e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	91-58-7	2-Chloronaphthalene	SOLID	LA-523-456	U	< 270	ug/kg	1.00	2.7e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	91-94-1	3,3'-Dichlorobenzidine	SOLID	LA-523-456	U	< 140	ug/kg	1.00	1.4e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	95-48-7	2-Methylphenol	SOLID	LA-523-456	U	< 330	ug/kg	1.00	3.3e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	95 50 1	1,2-Dichlorobenzene (SV)	SOLID	LA 523 456	U	< 510	ug/kg	1 00	5 1e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	95-95-4	2,4,5-Trichlorophenol	SOLID	LA-523-456	U	< 190	ug/kg	1.00	1.9e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	98-95-3	Nitrobenzene	SOLID	LA-523-456	U	< 340	ug/kg	1 00	3 4e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	99 09 2	3 Nitroaniline	SOLID	LA-523-456	U	< 240	ug/kg	1.00	2.4e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	65794-96-9	3 & 4 Methylphenol Total	SOLID	LA-523-456	U	< 430	ug/kg	1.00	4.3e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	67-72-1	Hexachloroethane	SOLID	LA-523-456	U	< 490	ug/kg	1 00	4.9e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	88 06 2	2,4,6 Trichlorophenol	SOLID	LA-523-456	U	< 170	ug/kg	1.00	1 7e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	124-18-5	Decane	SOLID	LA-523-456	U	< 220	ug/kg	1.00	2.2e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	112 40-3	Dodecane	SOLID	LA-523-456	U	< 160	ug/kg	1 00	1 6e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	100 51-6	Benzyl alcohol	SOLID	LA-523 456	U	< 230	ug/kg	1.00	2.3e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	111-76-2	2-Butoxyethanol	SOLID	LA-523-456	U	< 340	ug/kg	1.00	3.4e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	126-73-8	Tri-n-butylphosphate	SOLID	LA-523-456	U	< 110	ug/kg	1.00	1.1e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	91-59-8	2-Naphthylamine	SOLID	LA-523-456	U	< 540	ug/kg	1.00	5.4e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	108-94-1	Cyclohexanone	SOLID	LA-523-456	U	< 160	ug/kg	1 00	1.6e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	110 86 1	Pyridine	SOLID	LA 523 456	U	< 390	ug/kg	1.00	3.9e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	95 63-6	1,2,4-Trimethylbenzene	SOLID	LA-523-456	U	< 140	ug/kg	1 00	1.4e+02	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	65-85-0	Benzoic acid	SOLID	LA-523-456	U	< 680	ug/kg	1.00	680	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	TPHDIESEL	Total Pet. Hydrocarbons Diesel	SOLID	NWTPH		1.70e+04	ug/kg	1.00	6.8e+03	04/24/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	TPHKEROSENE	Kerosene	SOLID	NWTPH	U	< 6.80e+03	ug/kg	1.00	6.8e+03	04/24/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	75-35-4	1,1-Dichloroethene	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	79-01-6	Trichloroethene	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	71 43-2	Benzene	SOLID	LA 523 455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	108-88-3	Toluene	SOLID	LA-523-455	U	< 1.80	ug/kg	1 00	1.8	04/25/06	04/11/06	04/12/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000743	B1J2T6	KL	108-90-7	Chlorobenzene	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	75-34-3	1,1-Dichloroethane	SOLID	LA 523 455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	100-41-4	Ethylbenzene	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	100-42-5	Styrene	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	10061-01-5	cis-1,3-Dichloropropene	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	10061-02-6	trans-1,3-Dichloropropene	SOLID	LA-523 455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	107-06-2	1,2-Dichloroethane	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	108-10-1	4-Methyl-2-pentanone	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	124-48-1	Dibromochloromethane	SOLID	LA 523 455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	127-18-4	Tetrachloroethene	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	1330-20-7	Total Xylenes	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	540-59-0	1,2-Dichloroethene (cis & tran	SOLID	LA-523 455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	56-23-5	Carbon Tetrachloride	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	591-78-6	2-Hexanone	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	67 64 1	Acetone	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	67-66-3	Chloroform	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	71-55-6	1,1,1 Trichloroethane	SOLID	LA 523 455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	74-83-9	Bromomethane	SOLID	LA 523 455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	74-87-3	Chloromethane	SOLID	LA 523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	75-00-3	Chloroethane	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	75-01-4	Vinyl Chloride	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	75-09-2	Methylene Chloride	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	75-15-0	Carbon Disulfide	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	75-25-2	Bromoform	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	75-27-4	Bromodichloromethane	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	78-87-5	1,2-Dichloropropane	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	78 93 3	2-Butanone	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

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W060000743	B1J2T6	KL	79-00-5	1,1,2-Trichloroethane	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	79 34-5	1,1,2,2-Tetrachloroethane	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	71-36-3	1-Butanol	SOLID	LA-523-455	U	< 36.0	ug/kg	1.00	36	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	107-87-9	2-Pentanone	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	110-82-7	Cyclohexane	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	110 54-3	Hexane	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	109-99-9	Tetrahydrofuran	SOLID	LA-523-455	U	< 3.60	ug/kg	1.00	3.6	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	75-69-4	Trichlorofluoromethane	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	104-51-8	n Butylbenzene	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	156-60-5	trans-1,2-Dichloroethylene	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	75-05-08	Acetonitrile	SOLID	LA-523-455	U	< 3.60	ug/kg	1.00	3.6	04/25/06	04/11/06	04/12/06
W060000743	B1J2T6	KL	156 59 2	cis-1,2-Dichloroethylene	SOLID	LA-523-455	U	< 1.80	ug/kg	1.00	1.8	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	75-35-4	1,1-Dichloroethene	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	79-01-6	Trichloroethene	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	71-43-2	Benzene	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	108-88-3	Toluene	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	108-90-7	Chlorobenzene	SOLID	LA 523 455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	75-34-3	1,1-Dichloroethane	SOLID	LA-523-455	U	< 1.90	ug/kg	1 00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	100-41-4	Ethylbenzene	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	100 42-5	Styrene	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	10061-01-5	cis-1,3-Dichloropropene	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	10061-02-6	trans-1,3-Dichloropropene	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	107-06-2	1,2-Dichloroethane	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	108-10-1	4-Methyl-2-pentanone	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	124-48-1	Dibromochloromethane	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	127-18-4	Tetrachloroethene	SOLID	LA-523 455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	1330-20-7	Total Xylenes	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06

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WSCF
ANALYTICAL RESULTS REPORT

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Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000744	B1J2T7	KL	540-59-0	1,2-Dichloroethene (cis & tran	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	56-23 5	Carbon Tetrachloride	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	591-78-6	2-Hexanone	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	67-64-1	Acetone	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	67-66-3	Chloroform	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	71-55-6	1,1,1-Trichloroethane	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	74-83-9	Bromomethane	SOLID	LA 523 455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	74-87-3	Chloromethane	SOLID	LA-523 455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	75 00-3	Chloroethane	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	75-01-4	Vinyl Chloride	SOLID	LA 523 455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	75-09-2	Methylene Chloride	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	75-15-0	Carbon Disulfide	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	75-25-2	Bromoform	SOLID	LA-523 455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	75-27-4	Bromodichloromethane	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	78-87-5	1,2-Dichloropropane	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	78-93-3	2-Butanone	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	79-00-5	1,1,2-Trichloroethane	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	79-34-5	1,1,2,2-Tetrachloroethane	SOLID	LA-523 455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	71-36-3	1 Butanol	SOLID	LA-523-455	U	< 37.0	ug/kg	1.00	37	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	107-87-9	2-Pentanone	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	110-82-7	Cyclohexane	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	110-54-3	Hexane	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	109-99-9	Tetrahydrofuran	SOLID	LA-523-455	U	< 3.70	ug/kg	1.00	3.7	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	75-69-4	Trichlorofluoromethane	SOLID	LA 523 455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	104-51-8	n-Butylbenzene	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	156 60 5	trans-1,2-Dichloroethylene	SOLID	LA-523-455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000744	B1J2T7	KL	75-05-08	Acetonitrile	SOLID	LA-523-455	U	< 3.70	ug/kg	1.00	3.7	04/25/06	04/11/06	04/12/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000744	B1J2T7	KL	156-59-2	cis-1,2-Dichloroethylene	SOLID	LA 523 455	U	< 1.90	ug/kg	1.00	1.9	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	75-35-4	1,1-Dichloroethene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	79-01-6	Trichloroethene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	71-43 2	Benzene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2 0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	108-88-3	Toluene	SOLID	LA 523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KI	108-90-7	Chlorobenzene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	75-34-3	1,1-Dichloroethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	100-41-4	Ethylbenzene	SOLID	LA-523 455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	100-42-5	Styrene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	10061-01 5	cis-1,3-Dichloropropene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	10061-02-6	trans-1,3-Dichloropropene	SOLID	LA-523 455	U	< 2 00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	107-06-2	1,2-Dichloroethane	SOLID	LA-523-455	U	< 2 00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	108-10-1	4-Methyl-2 pentanone	SOLID	LA 523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	124-48-1	Dibromochloromethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	127-18-4	Tetrachloroethene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	1330-20-7	Total Xylenes	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KI	540-59-0	1,2-Dichloroethene (cis & tran	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	56-23-5	Carbon Tetrachloride	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	591-78-6	2-Hexanone	SOLID	LA 523 455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	67-64-1	Acetone	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	67-66-3	Chloroform	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	71-55-6	1,1,1-Trichloroethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	74-83-9	Bromomethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	74-87-3	Chloromethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	75-00-3	Chloroethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	75-01-4	Vinyl Chloride	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	75-09-2	Methylene Chloride	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000745	B1J2T8	KL	75-15-0	Carbon Disulfide	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	75-25-2	Bromoform	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	75-27-4	Bromodichloromethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	78-87-5	1,2-Dichloropropane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	78-93-3	2-Butanone	SOLID	LA-523 455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	79-00-5	1,1,2-Trichloroethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	79-34-5	1,1,2,2 Tetrachloroethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	71-36 3	1-Butanol	SOLID	LA-523-455	U	< 40.0	ug/kg	1.00	40	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	107-87-9	2-Pentanone	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	110-82-7	Cyclohexane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	110-54-3	Hexane	SOLID	LA 523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	109-99-9	Tetrahydrofuran	SOLID	LA-523-455	U	< 4.00	ug/kg	1.00	4.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	75-69-4	Trichlorofluoromethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	104-51-8	n-Butylbenzene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	156-60-5	trans-1,2 Dichloroethylene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	75-05 08	Acetonitrile	SOLID	LA-523 455	U	< 4.00	ug/kg	1.00	4.0	04/25/06	04/11/06	04/12/06
W060000745	B1J2T8	KL	156-59-2	cis-1,2-Dichloroethylene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	100-02-7	4-Nitrophenol	SOLID	LA-523-456	U	< 270	ug/kg	1.00	2.7e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	106-46-7	1,4-Dichlorobenzene (SV)	SOLID	LA-523-456	U	< 410	ug/kg	1.00	4.1e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	108-95-2	Phenol	SOLID	LA-523-456	U	< 210	ug/kg	1.00	2.1e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	120-82 1	1,2,4-Trichlorobenzene	SOLID	LA-523-456	U	< 280	ug/kg	1.00	2.8e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	121-14-2	2,4-Dinitrotoluene	SOLID	LA-523-456	U	< 170	ug/kg	1.00	1.7e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	129-00-0	Pyrene	SOLID	LA-523-456	U	< 1.20e+03	ug/kg	1.00	1.2e+03	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	59-50-7	4-Chloro-3-methylphenol	SOLID	LA-523-456	U	< 150	ug/kg	1.00	1.5e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	621 64-7	N-Nitroso-di-n-propylamine	SOLID	LA-523 456	U	< 230	ug/kg	1.00	2.3e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	83-32-9	Acenaphthene	SOLID	LA-523-456	U	< 210	ug/kg	1.00	2.1e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	87-86-5	Pentachlorophenol	SOLID	LA-523-456	U	< 230	ug/kg	1.00	2.3e+02	04/24/06	04/11/06	04/12/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000746	B1J373	KL	95-57-8	2-Chlorophenol	SOLID	LA-523-456	U	< 240	ug/kg	1.00	2.4e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	100 01-6	4-Nitroaniline	SOLID	LA-523-456	U	< 270	ug/kg	1.00	2.7e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	101 55-3	4-Bromophenyl-phenylether	SOLID	LA-523 456	U	< 160	ug/kg	1.00	1.6e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	105-67-9	2,4-Dimethylphenol	SOLID	LA-523-456	U	< 280	ug/kg	1.00	2.8e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	106-47-8	4-Chloroaniline	SOLID	LA-523-456	U	< 470	ug/kg	1.00	4.7e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	108-60-1	Bis(2-Chloro-1-methylene)	SOLID	LA-523-456	U	< 270	ug/kg	1.00	2.7e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	111-44-4	bis(2-Chloroethyl)Eth	SOLID	LA-523-456	U	< 310	ug/kg	1.00	3.1e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	111-91-1	bis(2-Chloroethoxy)methane	SOLID	LA-523-456	U	< 190	ug/kg	1.00	1.9e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	117-81-7	Bis (2-Ethylhexyl) phthalate	SOLID	LA-523-456	U	< 160	ug/kg	1.00	1.6e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	117-84-0	Di-n-octylphthalate	SOLID	LA-523-456	U	< 260	ug/kg	1.00	2.6e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	118-74-1	Hexachlorobenzene	SOLID	LA-523-456	U	< 210	ug/kg	1.00	2.1e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	120-12-7	Anthracene	SOLID	LA-523-456	U	< 240	ug/kg	1.00	2.4e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	120-83-2	2,4-Dichlorophenol	SOLID	LA-523-456	U	< 140	ug/kg	1.00	1.4e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	131 11-3	Dimethylphthalate	SOLID	LA-523-456	U	< 200	ug/kg	1.00	2.0e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	132-64-9	Dibenzofuran	SOLID	LA 523 456	U	< 190	ug/kg	1.00	1.9e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	191-24-2	Benzo(g,h,i)perylene	SOLID	LA-523-456	U	< 240	ug/kg	1.00	2.4e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	193-39-5	Indeno(1,2,3-cd)pyrene	SOLID	LA-523-456	U	< 260	ug/kg	1.00	2.6e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	205-99-2	Benzo(b)fluoranthene	SOLID	LA-523-456	U	< 230	ug/kg	1.00	2.3e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	206 44-0	Fluoranthene	SOLID	LA-523-456	U	< 250	ug/kg	1.00	2.5e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	207 08-9	Benzo(k)fluoranthene	SOLID	LA-523 456	U	< 170	ug/kg	1.00	1.7e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	208-96-8	Acenaphthylene	SOLID	LA-523-456	U	< 230	ug/kg	1.00	2.3e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	218 01-9	Chrysene	SOLID	LA-523-456	U	< 220	ug/kg	1.00	2.2e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	50-32-8	Benzo(a)pyrene	SOLID	LA-523-456	U	< 190	ug/kg	1.00	1.9e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	51-28-5	2,4-Dinitrophenol	SOLID	LA-523-456	U	< 550	ug/kg	1.00	5.5e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	53-70-3	Dibenz(a,h)anthracene	SOLID	LA-523-456	U	< 290	ug/kg	1.00	2.9e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	534 52-1	4,6-Dinitro-2-methylphenol	SOLID	LA-523-456	U	< 400	ug/kg	1.00	4.0e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	541-73-1	1,3-Dichlorobenzene	SOLID	LA 523 456	U	< 490	ug/kg	1.00	4.9e+02	04/24/06	04/11/06	04/12/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000746	B1J373	KL	56-55-3	Benzo(a)anthracene	SOLID	LA-523-456	U	< 200	ug/kg	1.00	2.0e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	606-20-2	2,6 Dinitrotoluene	SOLID	LA-523-456	U	< 210	ug/kg	1.00	2.1e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	7005-72-3	4-Chlorophenyl-phenylether	SOLID	LA-523-456	U	< 160	ug/kg	1.00	1.6e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	77 47-4	Hexachlorocyclopentadiene	SOLID	LA-523-456	U	< 510	ug/kg	1.00	5.1e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	78-59-1	Isophorone	SOLID	LA-523-456	U	< 260	ug/kg	1.00	2.6e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	84-66-2	Diethylphthalate	SOLID	LA-523-456		440	ug/kg	1.00	4.1e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	84-74 2	Di-n-butylphthalate	SOLID	LA-523-456	U	< 500	ug/kg	1.00	5.0e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	85-01-8	Phenanthrene	SOLID	LA-523-456	U	< 220	ug/kg	1.00	2.2e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	85-68-7	Butylbenzylphthalate	SOLID	LA-523-456	U	< 130	ug/kg	1.00	1.3e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	86-30 6	N-Nitrosodiphenylamine	SOLID	LA-523-456	U	< 220	ug/kg	1.00	2.2e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	86-73-7	Fluorene	SOLID	LA-523-456	U	< 210	ug/kg	1.00	2.1e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	86-74-8	Carbazole	SOLID	LA-523-456	U	< 240	ug/kg	1.00	2.4e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	87-68-3	Hexachlorobutadiene	SOLID	LA-523 456	U	< 260	ug/kg	1.00	2.6e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	88-74-4	2-Nitroaniline	SOLID	LA-523-456	U	< 160	ug/kg	1.00	1.6e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	88-75-5	2-Nitrophenol	SOLID	LA 523 456	U	< 280	ug/kg	1.00	2.8e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	91-20-3	Naphthalene	SOLID	LA-523-456	U	< 260	ug/kg	1.00	2.6e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	91-57-6	2 Methylnaphthalene	SOLID	LA-523-456	U	< 230	ug/kg	1.00	2.3e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	91 58-7	2-Chloronaphthalene	SOLID	LA-523-456	U	< 200	ug/kg	1.00	2.0e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	91-94-1	3,3'-Dichlorobenzidine	SOLID	LA-523-456	U	< 110	ug/kg	1.00	1.1e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	95-48-7	2-Methylphenol	SOLID	LA-523 456	U	< 250	ug/kg	1.00	2.5e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	95-50-1	1,2-Dichlorobenzene (SV)	SOLID	LA-523-456	U	< 390	ug/kg	1.00	3.9e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	95-95-4	2,4,5-Trichlorophenol	SOLID	LA-523-456	U	< 140	ug/kg	1.00	1.4e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	98-95-3	Nitrobenzene	SOLID	LA 523 456	U	< 260	ug/kg	1.00	2.6e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	99 09-2	3-Nitroaniline	SOLID	LA-523-456	U	< 180	ug/kg	1.00	1.8e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	65794-96-9	3 & 4 Methylphenol Total	SOLID	LA-523-456	U	< 330	ug/kg	1.00	3.3e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	67-72-1	Hexachloroethane	SOLID	LA-523-456	U	< 370	ug/kg	1.00	3.7e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	88-06-2	2,4,6-Trichlorophenol	SOLID	LA-523-456	U	< 130	ug/kg	1.00	1.3e+02	04/24/06	04/11/06	04/12/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000746	B1J373	KL	124-18-5	Decane	SOLID	LA-523-456	U	< 170	ug/kg	1.00	1.7e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	112-40-3	Dodecane	SOLID	LA-523-456	U	< 120	ug/kg	1.00	1.2e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	100-51-6	Benzyl alcohol	SOLID	LA-523-456	U	< 180	ug/kg	1.00	1.8e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	111-76-2	2-Butoxyethanol	SOLID	LA-523-456	U	< 260	ug/kg	1.00	2.6e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	126-73-8	Tri-n-butylphosphate	SOLID	LA-523-456	U	< 85.0	ug/kg	1.00	85	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	91-59-8	2-Naphthylamine	SOLID	LA-523-456	U	< 420	ug/kg	1.00	4.2e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	108-94-1	Cyclohexanone	SOLID	LA-523-456	U	< 120	ug/kg	1.00	1.2e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	110-86-1	Pyridine	SOLID	LA-523-456	U	< 300	ug/kg	1.00	3.0e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	95-63-6	1,2,4-Trimethylbenzene	SOLID	LA-523-456	U	< 110	ug/kg	1.00	1.1e+02	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	65-85-0	Benzoic acid	SOLID	LA-523-456	U	< 520	ug/kg	1.00	520	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	TPHDIESEL	Total Pet. Hydrocarbons Diesel	SOLID	NWTPH	U	< 3.30e+03	ug/kg	1.00	3.3e+03	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	TPHKEROSENE	Kerosene	SOLID	NWTPH	U	< 3.30e+03	ug/kg	1.00	3.3e+03	04/24/06	04/11/06	04/12/06
W060000747	B1J374	KL	75-35-4	1,1-Dichloroethene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	79-01-6	Trichloroethene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	71-43-2	Benzene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	108-88-3	Toluene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	108-90-7	Chlorobenzene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	75-34-3	1,1-Dichloroethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	100-41-4	Ethylbenzene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	100-42-5	Styrene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	10061-01-5	cis-1,3-Dichloropropene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	10061-02-6	trans-1,3-Dichloropropene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	107-06-2	1,2-Dichloroethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	108-10-1	4-Methyl-2-pentanone	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	124-48-1	Dibromochloromethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	127-18-4	Tetrachloroethene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	1330-20-7	Total Xylenes	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000747	B1J374	KL	540-59-0	1,2-Dichloroethene (cis & tran	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	56-23-5	Carbon Tetrachloride	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	591 78-6	2-Hexanone	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	67-64-1	Acetone	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	67-66-3	Chloroform	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	71-55-6	1,1,1-Trichloroethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	74-83-9	Bromomethane	SOLID	LA-523 455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	74-87-3	Chloromethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	75-00-3	Chloroethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	75-01-4	Vinyl Chloride	SOLID	LA-523 455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	75-09-2	Methylene Chloride	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	75-15-0	Carbon Disulfide	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	75-25-2	Bromoform	SOLID	LA 523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	75-27-4	Bromodichloromethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	78-87-5	1,2-Dichloropropane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	78-93-3	2-Butanone	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	79-00-5	1,1,2-Trichloroethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	79-34 5	1,1,2,2 Tetrachloroethane	SOLID	LA 523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	71-36 3	1-Butanol	SOLID	LA-523-455	U	< 40.0	ug/kg	1.00	40	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	107 87-9	2-Pentanone	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	110-82-7	Cyclohexane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	110-54-3	Hexane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	109 99-9	Tetrahydrofuran	SOLID	LA-523-455	U	< 4.00	ug/kg	1.00	4.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	75-69-4	Trichlorofluoromethane	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	104-51-8	n-Butylbenzene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	156-60-5	trans-1,2-Dichloroethylene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06
W060000747	B1J374	KL	75-05-08	Acetonitrile	SOLID	LA-523 455	U	< 4.00	ug/kg	1.00	4.0	04/25/06	04/11/06	04/12/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000747	B1J374	KL	156-59-2	cis-1,2-Dichloroethylene	SOLID	LA-523-455	U	< 2.00	ug/kg	1.00	2.0	04/25/06	04/11/06	04/12/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
Inorganic														
W060000742	B1J2T3	KL	TS	Percent Solids	SOLID	LA-519-412		89.5	%	1.00	0.0	04/19/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	16984-48 8	Fluoride (F) by IC	SOLID	LA-533-410	U	< 2.00	ug/g	50.00	2.0	04/24/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	16887-00-6	Chloride (Cl) by IC	SOLID	LA-533-410	U	< 1.70	ug/g	50.00	1.7	04/24/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	NO2-N	Nitrite (N) by IC	SOLID	LA-533-410	U	< 0.490	ug/g	50.00	0.49	04/24/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	24959-67-9	Bromide (Br) by IC	SOLID	LA-533-410	U	< 4.65	ug/g	50.00	4.6	04/24/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	NO3-N	Nitrate (N) by IC	SOLID	LA-533-410	B	2.03	ug/g	50.00	0.90	04/24/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	PO4-P	Phosphate (P) by IC	SOLID	LA-533-410	U	< 3.90	ug/g	50.00	3.9	04/24/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	14808-79-8	Sulfate (SO4) by IC	SOLID	LA-533-410	U	< 6.50	ug/g	50 00	6.5	04/24/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7429-90-5	Aluminum by ICP	SOLID	LA-505-411		7.13e+03	ug/g	2.60e+002	7.0	04/26/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7439-89-6	Iron by ICP	SOLID	LA-505 411		2.58e+04	ug/g	2.60e+002	5.4	04/26/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7439-95-4	Magnesium by ICP	SOLID	LA-505 411		5.70e+03	ug/g	2.60e+002	4.9	04/26/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440 09-7	Potassium by ICP	SOLID	LA-505 411		1.22e+03	ug/g	2.60e+002	30	04/26/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-23-5	Sodium by ICP	SOLID	LA 505-411		329	ug/g	2.60e+002	51	04/26/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-70-2	Calcium by ICP	SOLID	LA-505-411		1.01e+04	ug/g	2.60e+002	4.2	04/26/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7439-93-2	Lithium by ICP	SOLID	LA-505-411		6.48	ug/g	2.60e+002	0.26	04/26/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-32-6	Titanium by ICP	SOLID	LA-505-411		1.34e+03	ug/g	2.60e+002	0.26	04/26/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-42-8	Boron by ICP	SOLID	LA-505-411	U	< 6.75	ug/g	2.60e+002	6.7	04/26/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-69-9	Bismuth by ICP	SOLID	LA-505 411	U	< 5.71	ug/g	2.60e+002	5.7	04/26/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-21-3	Silicon by ICP	SOLID	LA-505-411	X	302	ug/g	2.60e+002	4.4	04/26/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7439-96-5	Manganese by ICP-MS	SOLID	LA-505-412		344	ug/g	1.30	0.026	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-02-0	Nickel by ICP-MS	SOLID	LA 505-412		8.42	ug/g	1.30	0.078	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-22-4	Silver by ICP-MS	SOLID	LA-505-412	U	< 0.0519	ug/g	1.30	0.052	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-36-0	Antimony by ICP-MS	SOLID	LA-505-412	U	< 0.389	ug/g	1.30	0.39	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-39-3	Barium by ICP MS	SOLID	LA-505 412		84.3	ug/g	1.30	0.26	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-41-7	Beryllium by ICP-MS	SOLID	LA-505-412		0.329	ug/g	1.30	0.026	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-43-9	Cadmium by ICP-MS	SOLID	LA-505-412		0.142	ug/g	1.30	0.052	04/25/06	04/11/06	04/12/06

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RQ=Result Qualifier U - Analyzed for but not detected above limiting criteria. X - Other flags and notes described in the comments/narrative.

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WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ		Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000742	B1J2T3	KL	7440-47-3	Chromium by ICP-MS	SOLID	LA-505 412			6.67	ug/g	1.30	0.91	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-48-4	Cobalt by ICP-MS	SOLID	LA-505-412			8.13	ug/g	1.30	0.026	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-50-8	Copper by ICP-MS	SOLID	LA-505-412			12.7	ug/g	1.30	0.26	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-62 2	Vanadium by ICP-MS	SOLID	LA-505-412			49.3	ug/g	1.30	0.65	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-66 6	Zinc by ICP MS	SOLID	LA-505 412			40 7	ug/g	1.30	0.39	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7439-92-1	Lead by ICP-MS	SOLID	LA-505-412			5.61	ug/g	1.30	0.065	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7439-97 6	Mercury by ICP-MS	SOLID	LA-505-412			0.128	ug/g	1 30	0.052	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7439-98-7	Molybdenum by ICP-MS	SOLID	LA-505 412			0.248	ug/g	1.30	0.13	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-29-1	Thorium by ICP-MS	SOLID	LA-505-412			3.98	ug/g	1.30	0.065	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-61 1	Uranium by ICP-MS	SOLID	LA-505-412			1.22	ug/g	1.30	0.026	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-38-2	Arsenic by ICP-MS	SOLID	LA 505 412	U	<	1.30	ug/g	1.30	1.3	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7782-49-2	Selenium by ICP-MS	SOLID	LA-505-412	UX	<	0.519	ug/g	1.30	0 52	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-28 0	Thallium by ICP-MS	SOLID	LA 505-412			0.119	ug/g	1.30	0 039	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-24-6	Strontium by ICP-MS	SOLID	LA-505-412			22.6	ug/g	1.30	0.039	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	7440-31-5	Tin	SOLID	LA-505-412			0.370	ug/g	1.30	0.065	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	TS	Percent Solids	SOLID	LA-519 412			>99.5	%	1.00	0 0	04/19/06	04/11/06	04/12/06
W060000746	B1J373	KL	16984-48-8	Fluoride (F) by IC	SOLID	LA-533-410	U	<	2.00	ug/g	50.00	2.0	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	16887 00-6	Chloride (Cl) by IC	SOLID	LA-533-410	U	<	1.70	ug/g	50.00	1 7	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	NO2-N	Nitrite (N) by IC	SOLID	LA 533-410	U	<	0.490	ug/g	50.00	0.49	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	24959-67-9	Bromide (Br) by IC	SOLID	LA-533-410	U	<	4.65	ug/g	50.00	4.6	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	NO3 N	Nitrate (N) by IC	SOLID	LA-533-410	U	<	0.900	ug/g	50.00	0.90	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	PO4-P	Phosphate (P) by IC	SOLID	LA-533-410	U	<	3.90	ug/g	50.00	3.9	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	14808-79-8	Sulfate (SO4) by IC	SOLID	LA-533-410	U	<	6.50	ug/g	50.00	6.5	04/24/06	04/11/06	04/12/06
W060000746	B1J373	KL	7429-90-5	Aluminum by ICP	SOLID	LA-505-411			44.1	ug/g	2.17e+002	5.8	04/26/06	04/11/06	04/12/06
W060000746	B1J373	KL	7439-89-6	Iron by ICP	SOLID	LA 505-411			533	ug/g	2.17e+002	4.5	04/26/06	04/11/06	04/12/06
W060000746	B1J373	KL	7439-95-4	Magnesium by ICP	SOLID	LA-505-411			20.2	ug/g	2.17e+002	4.1	04/26/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440-09-7	Potassium by ICP	SOLID	LA-505-411	U	<	24.9	ug/g	2.17e+002	25	04/26/06	04/11/06	04/12/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000746	B1J373	KL	7440-23-5	Sodium by ICP	SOLID	LA-505 411	U	< 42.9	ug/g	2.17e+002	43	04/26/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440-70-2	Calcium by ICP	SOLID	LA-505-411	C	54.5	ug/g	2.17e+002	3.5	04/26/06	04/11/06	04/12/06
W060000746	B1J373	KL	7439-93-2	Lithium by ICP	SOLID	LA-505-411	U	< 0.217	ug/g	2.17e+002	0.22	04/26/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440-32-6	Titanium by ICP	SOLID	LA-505-411		0.740	ug/g	2.17e+002	0.22	04/26/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440 42-8	Boron by ICP	SOLID	LA-505 411	U	< 5.63	ug/g	2.17e+002	5.6	04/26/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440-69-9	Bismuth by ICP	SOLID	LA-505-411	U	< 4.76	ug/g	2.17e+002	4.8	04/26/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440-21-3	Silicon by ICP	SOLID	LA-505-411	CX	39.5	ug/g	2.17e+002	3.7	04/26/06	04/11/06	04/12/06
W060000746	B1J373	KL	7439-96 5	Manganese by ICP-MS	SOLID	LA-505-412		0.929	ug/g	1.08	0.022	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440-02-0	Nickel by ICP-MS	SOLID	LA-505-412		0.140	ug/g	1.08	0.065	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440-22-4	Silver by ICP-MS	SOLID	LA-505-412	U	< 0.0433	ug/g	1.08	0.043	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440-36-0	Antimony by ICP-MS	SOLID	LA-505 412	U	< 0.325	ug/g	1.08	0.32	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440-39-3	Barium by ICP-MS	SOLID	LA-505-412		0.266	ug/g	1.08	0.22	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440-41 7	Beryllium by ICP-MS	SOLID	LA 505-412	U	< 0.0217	ug/g	1.08	0.022	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440-43-9	Cadmium by ICP-MS	SOLID	LA 505-412	U	< 0.0433	ug/g	1.08	0.043	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440-47-3	Chromium by ICP-MS	SOLID	LA-505-412		1 21	ug/g	1.08	0.76	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440 48-4	Cobalt by ICP-MS	SOLID	LA-505 412		0.0666	ug/g	1.08	0.022	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440-50-8	Copper by ICP-MS	SOLID	LA-505-412		0.557	ug/g	1.08	0.22	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440-62 2	Vanadium by ICP-MS	SOLID	LA-505-412	U	< 0.542	ug/g	1.08	0 54	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440-66-6	Zinc by ICP MS	SOLID	LA-505-412		0.502	ug/g	1.08	0.32	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	7439-92 1	Lead by ICP-MS	SOLID	LA-505-412		0.131	ug/g	1.08	0.054	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	7439-97 6	Mercury by ICP-MS	SOLID	LA-505-412		0.0507	ug/g	1.08	0.043	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	7439-98-7	Molybdenum by ICP-MS	SOLID	LA-505-412		0.217	ug/g	1.08	0.11	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440-29 1	Thorium by ICP-MS	SOLID	LA-505-412	C	0.516	ug/g	1.08	0.054	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440-61 1	Uranium by ICP-MS	SOLID	LA-505-412		0.0604	ug/g	1.08	0.022	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440-38-2	Arsenic by ICP-MS	SOLID	LA-505-412	U	< 1 08	ug/g	1.08	1.1	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	7782-49-2	Selenium by ICP-MS	SOLID	LA-505-412	UX	< 0.433	ug/g	1.08	0.43	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440-28-0	Thallium by ICP-MS	SOLID	LA-505-412	U	< 0.0325	ug/g	1.08	0.032	04/25/06	04/11/06	04/12/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000746	B1J373	KL	7440-24-6	Strontium by ICP-MS	SOLID	LA-505-412		0.219	ug/g	1.08	0.032	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	7440-31-5	Tin	SOLID	LA-505-412	U	< 0.0542	ug/g	1.08	0.054	04/25/06	04/11/06	04/12/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
Radiochemistry														
W060000742	B1J2T3	KL	14596-10-2	Am-241 by AEA	SOLID	LA-508-471	U	-6.10e-03	pCi/g	1.00	0.039	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Am-241 by AEA Total Cntg Error	SOLID	LA-508-471		340	%	1.00	0.0	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	14596-10-2	Am-241 by GEA	SOLID	LA-508-481	U	3.75e-03	pCi/g	1.00	0.13	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Am-241 Rel Count Error (GEA)	SOLID	LA-508-481		1.00e+03	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	14234-35-6	Sb-125 by GEA	SOLID	LA-508-481	U	4.67e-03	pCi/g	1.00	0.039	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Sb-125 Rel. Count Error (GEA)	SOLID	LA-508-481		485	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	13981-41-4	Ba-133 by GEA	SOLID	LA-508-481	U	6.80e-03	pCi/g	1.00	0.018	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Ba-133 Rel. Count Error (GEA)	SOLID	LA-508-481		175	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	14762-78-8	Ce-144 by GEA	SOLID	LA-508-481	U	0.0393	pCi/g	1.00	0.12	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Ce-144 Rel. Count Error (GEA)	SOLID	LA-508-481		219	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	CE/PR-144	CePr-144 by GEA	SOLID	LA-508-481	U	0.0786	pCi/g	1.00	0.25	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	CePr-144 Rel. Count Error	SOLID	LA-508-481		220	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	10198-40-0	Co-60 by GEA	SOLID	LA-508-481	U	-5.35e-03	pCi/g	1.00	0.012	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Co-60 Rel. Count Error (GEA)	SOLID	LA-508-481		136	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	13967-70-9	Cs-134 by GEA	SOLID	LA-508-481	U	0.0415	pCi/g	1.00	0.050	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Cs-134 Rel. Count Error (GEA)	SOLID	LA-508-481		31.0	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	10045-97-3	Cs-137 by GEA	SOLID	LA-508-481		0.203	pCi/g	1.00	0.015	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Cs-137 Rel. Count Error (GEA)	SOLID	LA-508-481		19.1	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	14683-23-9	Eu-152 by GEA	SOLID	LA-508-481	U	-0.0388	pCi/g	1.00	0.042	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Eu-152 Rel. Count Error (GEA)	SOLID	LA-508-481		100	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	15585-10-1	Eu-154 by GEA	SOLID	LA-508-481	U	-0.0202	pCi/g	1.00	0.041	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Eu-154 Rel. Count Error (GEA)	SOLID	LA-508-481		125	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	14391-16-3	Eu-155 by GEA	SOLID	LA-508-481		0.0568	pCi/g	1.00	0.070	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Eu-155 Rel. Count Error (GEA)	SOLID	LA-508-481		89.7	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	13966-00-2	K-40 by GEA	SOLID	LA-508-481		16.7	pCi/g	1.00	0.11	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	K-40 Rel.% Count Error (GEA)	SOLID	LA-508-481		13.5	%	1.00	0.0	04/13/06	04/11/06	04/12/06

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WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000742	B1J2T3	KL	14681 63-1	Nb-94 by GEA	SOLID	LA-508-481	U	4.57e-04	pCi/g	1.00	0.013	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Nb-94 Rel. Count Error (GEA)	SOLID	LA 508-481		1.00e+03	%	1.00	0 0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	13982-63-3	Ra 226 by GEA	SOLID	LA-508-481		0.655	pCi/g	1.00	0.026	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Ra-226 Rel. Count Error (GEA)	SOLID	LA-508-481		17.2	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	15262 20-1	Ra-228 by GEA	SOLID	LA-508-481		0.833	pCi/g	1.00	0.044	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Ra-228 Rel. Count Error (GEA)	SOLID	LA 508-481		17.5	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	13967-48 1	Ru-106 by GEA	SOLID	LA-508-481	U	-4.88e 04	pCi/g	1.00	0.12	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Ru-106 Rel. Count Error (GEA)	SOLID	LA 508-481		1.00e+03	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	15832-50-5	Sn-126 by GEA	SOLID	LA 508-481	U	0.203	pCi/g	1.00	0.30	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Sn-126 Rel. Count Error (GEA)	SOLID	LA-508-481		26.1	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	15065 10-8	Th-234 by GEA	SOLID	LA-508-481	U	1.12	pCi/g	1.00	1.1	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Th-234 Rel. Count Error (GEA)	SOLID	LA-508-481		28.6	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	15117-96 1	U-235 by GEA	SOLID	LA-508-481	U	0.114	pCi/g	1.00	0.13	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	U-235 Rel. Count Error (GEA)	SOLID	LA-508 481		23.8	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	13982-39 3	Zn 65 by GEA	SOLID	LA 508-481	U	-1.19e-03	pCi/g	1.00	0.030	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Zn-65 Rel. Count Error (GEA)	SOLID	LA-508-481		1.00e+03	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	14331-83-0	Ac-228 by GEA	SOLID	LA-508-481		0.833	pCi/g	1.00	0.044	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Ac-228 Rel. Count Error (GEA)	SOLID	LA-508-481		17.5	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	14913-49-6	Bi-212 by GEA	SOLID	LA-508-481		0.521	pCi/g	1.00	0.11	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Bi 212 Rel. Count Error (GEA)	SOLID	LA-508-481		28.9	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	14733-03 0	Bi-214 by GEA	SOLID	LA-508-481		0.655	pCi/g	1.00	0.026	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Bi 214 Rel. Count Error (GEA)	SOLID	LA-508 481		17.2	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	15092-94-1	Pb 212 by GEA	SOLID	LA-508-481		0.848	pCi/g	1.00	0 029	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Pb-212 Rel. Count Error (GEA)	SOLID	LA-508-481		13.6	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	15067-28-4	Pb-214 by GEA	SOLID	LA-508-481		0.740	pCi/g	1.00	0.030	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Pb-214 Rel. Count Error (GEA)	SOLID	LA 508-481		14.1	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	13968-53-1	Ru-103 by GEA	SOLID	LA-508-481	U	-2.32e-04	pCi/g	1.00	0.013	04/13/06	04/11/06	04/12/06

MDL=Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) C - The Analyte was found in the Associated Blank.

RQ=Result Qualifier U - Analyzed for but not detected above limiting criteria. X - Other flags and notes described in the comments/narrative.

DF=Dilution Factor

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000742	B1J2T3	KL	E,T,C	Ru-103 Rel. Count Error (GEA)	SOLID	LA-508-481		1.00e+03	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	13966-06-8	Sn-113 by GEA	SOLID	LA-508-481	U	-9.88e-03	pCi/g	1.00	0.017	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Sn-113 Rel. Count Error (GEA)	SOLID	LA-508-481		107	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	14913-50-9	Tl-208 by GEA	SOLID	LA-508-481		0.272	pCi/g	1.00	0.014	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Tl-208 Rel. Count Error (GEA)	SOLID	LA-508-481		17.3	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	13994-20-2	Np-237 by AEA	SOLID	LA-508-471		0.0420	pCi/g	1.00	8.7e-03	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Np 237 by AEA Total Ctng Error	SOLID	LA 508-471		40.0	%	1.00	0.0	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	13981 16-3	Pu 238 by AEA	SOLID	LA-508-471	U	-0.0180	pCi/g	1.00	0.047	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Pu-238 by AEA Total Cntg Error	SOLID	LA-508-471		140	%	1.00	0.0	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	PU-239/240	Pu 239/240 by AEA	SOLID	LA 508-471	U	8.40e-03	pCi/g	1.00	8.8e-03	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Pu-239/240 AEA Total Cntg Err	SOLID	LA-508-471		90.0	%	1.00	0.0	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	10098-97-2	Sr-89/90 by Beta Counting	SOLID	LA-508-415		0.670	pCi/g	1.00	0.087	04/18/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	Sr-89/90 Rel. Count Error	SOLID	LA-508-415		55.0	%	1.00	0.0	04/18/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	14133-76-7	Tc-99 by Liquid Scin.	SOLID	LA-508-421	U	-0.200	pCi/g	1.00	0.30	04/18/06	04/11/06	04/12/06
W060000742	B1J213	KL	E,T,C	Tc 99 Counting Error	SOLID	LA-508 421		100	%	1.00	0.0	04/18/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	13966 29-5	U-234 by AEA	SOLID	LA-508-471		0.500	pCi/g	1.00	0.010	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	U-233/234 AEA Total Cntg Error	SOLID	LA-508-471		28.0	%	1.00	0.0	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	15117-96-1	U-235 by AEA	SOLID	LA-508-471		0.0600	pCi/g	1.00	0.014	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	U-235 by AEA Total Cntg Error	SOLID	LA-508-471		42.0	%	1.00	0.0	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	24678-82-8	U-238 by AEA	SOLID	LA-508 471		0.390	pCi/g	1.00	3.7e-03	04/25/06	04/11/06	04/12/06
W060000742	B1J2T3	KL	E,T,C	U-238 by AEA Total Cntg Error	SOLID	LA-508-471		28.0	%	1.00	0.10	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	14596-10-2	Am-241 by AEA	SOLID	LA-508-471	U	2.00e-03	pCi/g	1.00	0.030	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Am-241 by AEA Total Cntg Error	SOLID	LA-508 471		850	%	1.00	0.0	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	14596-10-2	Am-241 by GEA	SOLID	LA-508-481	U	-0.0845	pCi/g	1.00	0.053	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Am-241 Rel Count Error (GEA)	SOLID	LA-508-481		100	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	14234-35-6	Sb-125 by GEA	SOLID	LA-508-481	U	-1.85e-03	pCi/g	1.00	0.020	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Sb 125 Rel. Count Error (GEA)	SOLID	LA-508-481		637	%	1.00	0.0	04/13/06	04/11/06	04/12/06

MDL = Minimum Detection Limit
RQ = Result Qualifier

B The analyte < the RDL but > = the IDL/MDL (inorganic)
U - Analyzed for but not detected above limiting criteria.
C - The Analyte was found in the Associated Blank.
X - Other flags and notes described in the comments/narrative.

DF = Dilution Factor

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000746	B1J373	KL	13981-41-4	Ba-133 by GEA	SOLID	LA-508-481	U	1.50e-03	pCi/g	1.00	9.1e-03	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Ba-133 Rel. Count Error (GEA)	SOLID	LA-508-481		410	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	14762-78-8	Ce-144 by GEA	SOLID	LA-508-481	U	-5.17e-03	pCi/g	1.00	0.058	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Ce-144 Rel. Count Error (GEA)	SOLID	LA-508-481		669	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	CE/PR-144	CePr-144 by GEA	SOLID	LA-508-481	U	-0.0100	pCi/g	1.00	0.12	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	CePr-144 Rel. Count Error	SOLID	LA-508-481		100	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	10198-40-0	Co-60 by GEA	SOLID	LA-508-481	U	2.44e-03	pCi/g	1.00	7.0e-03	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Co-60 Rel. Count Error (GEA)	SOLID	LA-508-481		183	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	13967-70-9	Cs-134 by GEA	SOLID	LA-508-481	U	0.0144	pCi/g	1.00	0.020	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Cs-134 Rel. Count Error (GEA)	SOLID	LA-508-481		43.6	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	10045-97-3	Cs-137 by GEA	SOLID	LA-508-481	U	-2.27e-03	pCi/g	1.00	7.8e-03	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Cs-137 Rel. Count Error (GEA)	SOLID	LA-508-481		212	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	14683-23-9	Eu-152 by GEA	SOLID	LA-508-481	U	-4.24e-03	pCi/g	1.00	0.023	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Eu-152 Rel. Count Error (GEA)	SOLID	LA-508-481		384	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	15585-10-1	Eu-154 by GEA	SOLID	LA-508-481	U	-0.0133	pCi/g	1.00	0.020	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Eu-154 Rel. Count Error (GEA)	SOLID	LA-508-481		100	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	14391-16-3	Eu-155 by GEA	SOLID	LA-508-481	U	0.0218	pCi/g	1.00	0.028	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Eu-155 Rel. Count Error (GEA)	SOLID	LA-508-481		97.9	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	13966-00-2	K-40 by GEA	SOLID	LA-508-481		0.730	pCi/g	1.00	0.064	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	K-40 Rel.% Count Error (GEA)	SOLID	LA-508-481		21.5	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	14681-63-1	Nb-94 by GEA	SOLID	LA-508-481	U	1.73e-03	pCi/g	1.00	7.5e-03	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Nb-94 Rel. Count Error (GEA)	SOLID	LA-508-481		256	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	13982-63-3	Ra-226 by GEA	SOLID	LA-508-481		0.139	pCi/g	1.00	0.016	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Ra-226 Rel. Count Error (GEA)	SOLID	LA-508-481		22.1	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	15262-20-1	Ra-228 by GEA	SOLID	LA-508-481		0.182	pCi/g	1.00	0.024	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Ra-228 Rel. Count Error (GEA)	SOLID	LA-508-481		22.1	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	13967-48-1	Ru-106 by GEA	SOLID	LA-508-481	U	6.96e-03	pCi/g	1.00	0.069	04/13/06	04/11/06	04/12/06

MDL=Minimum Detection Limit B - The analyte < the RDL but > = the IDL/MDL (inorganic) C - The Analyte was found in the Associated Blank.

RQ=Result Qualifier U - Analyzed for but not detected above limiting criteria. X - Other flags and notes described in the comments/narrative.

DF=Dilution Factor

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000746	B1J373	KL	E,T,C	Ru-106 Rel. Count Error (GEA)	SOLID	LA-508-481		585	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	15832-50-5	Sn-126 by GEA	SOLID	LA-508-481	U	0.0485	pCi/g	1.00	0.050	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Sn-126 Rel. Count Error (GEA)	SOLID	LA-508-481		41.3	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	15065-10-8	Th-234 by GEA	SOLID	LA-508-481	U	0.354	pCi/g	1.00	0.49	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Th-234 Rel. Count Error (GEA)	SOLID	LA-508-481		43.2	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	15117-96-1	U-235 by GEA	SOLID	LA-508-481	U	0.0149	pCi/g	1.00	0.060	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	U-235 Rel. Count Error (GEA)	SOLID	LA-508-481		79.4	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	13982-39-3	Zn-65 by GEA	SOLID	LA-508-481	U	5.50e-03	pCi/g	1.00	0.016	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Zn-65 Rel. Count Error (GEA)	SOLID	LA-508-481		183	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	14331-83-0	Ac-228 by GEA	SOLID	LA-508-481		0.182	pCi/g	1.00	0.024	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Ac-228 Rel. Count Error (GEA)	SOLID	LA-508-481		22.1	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	14913-49-6	Bi-212 by GEA	SOLID	LA-508-481		0.146	pCi/g	1.00	0.055	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Bi-212 Rel. Count Error (GEA)	SOLID	LA-508-481		33.8	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	14733-03-0	Bi-214 by GEA	SOLID	LA-508-481		0.139	pCi/g	1.00	0.016	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Bi-214 Rel. Count Error (GEA)	SOLID	LA-508-481		22.1	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	15092-94-1	Pb-212 by GEA	SOLID	LA-508-481		0.166	pCi/g	1.00	0.014	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Pb-212 Rel. Count Error (GEA)	SOLID	LA-508-481		16.1	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	15067-28-4	Pb-214 by GEA	SOLID	LA-508-481		0.156	pCi/g	1.00	0.016	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Pb-214 Rel. Count Error (GEA)	SOLID	LA-508-481		17.7	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	13968-53-1	Ru-103 by GEA	SOLID	LA-508-481	U	-8.06e-04	pCi/g	1.00	6.9e-03	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Ru-103 Rel. Count Error (GEA)	SOLID	LA-508-481		508	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	13966-06-8	Sn-113 by GEA	SOLID	LA-508-481	U	-9.06e-05	pCi/g	1.00	9.1e-03	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Sn-113 Rel. Count Error (GEA)	SOLID	LA-508-481		1.00e+03	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	14913-50-9	Tl-208 by GEA	SOLID	LA-508-481		0.0499	pCi/g	1.00	6.9e-03	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Tl-208 Rel. Count Error (GEA)	SOLID	LA-508-481		23.9	%	1.00	0.0	04/13/06	04/11/06	04/12/06
W060000746	B1J373	KL	13994-20-2	Np-237 by AEA	SOLID	LA-508-471	U	8.20e-03	pCi/g	1.00	9.5e-03	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Np-237 by AEA Total Ctng Error	SOLID	LA-508-471		80.0	%	1.00	0.0	04/25/06	04/11/06	04/12/06

MDL=Minimum Detection Limit
RQ=Result Qualifier

B - The analyte < the RDL but > = the IDL/MDL (inorganic)
U - Analyzed for but not detected above limiting criteria.
C - The Analyte was found in the Associated Blank.
X - Other flags and notes described in the comments/narrative.

DF=Dilution Factor

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060000746	B1J373	KL	13981-16-3	Pu-238 by AEA	SOLID	LA-508-471	U	-1.80e-03	pCi/g	1.00	0.037	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Pu-238 by AEA Total Cntg Error	SOLID	LA-508-471		1.00e+03	%	1.00	0.0	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	PU-239/240	Pu-239/240 by AEA	SOLID	LA-508-471	U	1.80e-03	pCi/g	1.00	0.011	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Pu-239/240 AEA Total Cntg Err	SOLID	LA-508-471		320	%	1.00	0.0	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	10098-97-2	Sr-89/90 by Beta Counting	SOLID	LA-508-415	U	-0.110	pCi/g	1.00	0.070	04/18/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Sr-89/90 Rel. Count Error	SOLID	LA-508-415		202	%	1.00	0.0	04/18/06	04/11/06	04/12/06
W060000746	B1J373	KL	14133-76-7	Tc-99 by Liquid Scin.	SOLID	LA-508-421	U	-0.100	pCi/g	1.00	0.30	04/18/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	Tc-99 Counting Error	SOLID	LA-508-421		115	%	1.00	0.0	04/18/06	04/11/06	04/12/06
W060000746	B1J373	KL	13966-29-5	U-234 by AEA	SOLID	LA-508-471		0.0170	pCi/g	1.00	0.011	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	U-233/234 AEA Total Cntg Error	SOLID	LA-508-471		66.0	%	1.00	0.0	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	15117-96-1	U-235 by AEA	SOLID	LA-508-471	U	1.30e-03	pCi/g	1.00	0.014	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	U-235 by AEA Total Cntg Error	SOLID	LA-508-471		530	%	1.00	0.0	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	24678-82-8	U-238 by AEA	SOLID	LA-508-471		0.0230	pCi/g	1.00	0.011	04/25/06	04/11/06	04/12/06
W060000746	B1J373	KL	E,T,C	U-238 by AEA Total Cntg Error	SOLID	LA-508-471		57.0	%	1.00	0.10	04/25/06	04/11/06	04/12/06

MDL=Minimum Detection Limit
RQ=Result Qualifier

B - The analyte < the RDL but > = the IDL/MDL (inorganic)
U - Analyzed for but not detected above limiting criteria.
C - The Analyte was found in the Associated Blank.
X - Other flags and notes described in the comments/narrative.

DF=Dilution Factor

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

WSCF
ANALYTICAL COMMENT REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID	Lab Area	Test	Comment
		VALGROUP		W060000742,746/GEA,Eu155 dup is flagged but the sample activity is low level. RPR does not apply to low level samples. lmh Tc99 matrix spike recovery is low Since all the other QC checks came out fine, this batch has been accepted. lmh ICP-MS: High background at the Selenium mass due to Argon problem. Selenium results biased low by up to 10 ug/g X-flag Thorium prep blank above the MDL and more than 1/10 the result for sample 746. SVOA: The recovery of the matrix spike compound 1,4 dichloro benzene was at the upper control limit at 96%. All results moisture corrected and reported on a dry weight basis. cgc TPHD: The diesel result reported for B1J2T3 is not diesel, but most likely weathering and breakdown of an extended oil that quantitates as diesel. All results are moisture corrected and reported on a dry weight basis cgc VOA: Concentrations are corrected for moisture and reported dry weight basis. gar ICP AES: High silicon and calcium preparation blank

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

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WSCF
ANALYTICAL COMMENT REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID	Lab Area	Test	Comment
				results; "C" flags if applicable. These results are in ppb and sample results are in ppm. High bismuth and low silicon LCS recoveries; "X" flag for silicon results. Post digestion spike results were acceptable for elements within range of spiking level. Bismuth peaks were checked for its presence.

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
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: DL KLAGES **Group #:** 20060303

Sample #	Client ID		Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W060000742	B1J2T3	KLAGES	SW-846 8270C Semi-Vols	SMP 23.013 Octadecane	593-45-3	23.01348	J	5.5e+02	ug/kg

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

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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
	HEIS 6010_METALS_ICP	Inductively Coupled Plasma-Atomic Emmision 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
	HEIS 6010_METALS_ICP	Inductively Coupled Plasma-Atomic Emmision Spectrometry
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	
	HEIS PUISO_IE_PRECIP_AEA	Plutonium by Alpha Energy Analysis
LA-508-481	LA-508-481: GAMMA ENERGY ANALYSIS USING PROCOUNT SOFTWARE	
	HEIS GAMMA_GS	Gamma Emmision Spectrometry
LA-519-412	LA-519-412: TOTAL RESIDUE/% SOLIDS DRIED AT 103 - 105 C	
	EPA-600/4-79-020 160.3	RESIDUE, TOTAL
	HEIS 160.1_TDS	Residue, Filterable
	Standard Methods 2540B	Total Solids Dried at 103-105 C

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-523-455	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)
	HEIS 8260_VOA_GCMS	Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)
LA-523-456	LA-523-456: SEMIVOLATILE SAMPLE ANALYSIS BY SW-846, METHOD 8270C	
	EPA SW-846 8000B	DETERMINATIVE CHROMATOGRAPHIC SEPARATIONS
	EPA SW-846 8270C	SEMIVOLATILE ORGANIC COMPOUNDS BY GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)
	HEIS 8270_SVOA_GCMS	Semivolatile Orgamoc 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
	HEIS 300.0_ANIONS_IC	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.

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
Matrix: SOLID
Test: TC99 by Liquid Scin.

SAF Number: R06-013
Sample Date: 04/11/06
Receive Date:04/12/06

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W060000734									
BATCH QC ASSOCIATED WITH SAMPLE									
DUP	Tc-99 by Liquid Scin.	14133-76-7	U-0.2	n/a	RPD	04/18/06	0.000	20.000	
MS	Tc-99 by Liquid Scin.	14133-76-7	60	60.000	% Recov	04/18/06	75.000	125.000	*
BATCH QC									
BLANK	Tc-99 by Liquid Scin.	14133-76-7	-0.3	-0.300	pCi/g	04/18/06	-10.000	1000.000	
LCS	Tc-99 by Liquid Scin.	14133-76-7	10.8	95.575	% Recov	04/18/06	75.000	125.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
Matrix: SOLID
Test: Gamma Energy Analysis-grd H2O

SAF Number: R06-013
Sample Date: 04/11/06
Receive Date:04/12/06

Lab ID: W060000735
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	9.21e-01	4.043	RPD	04/14/06	0.000	20.000	
DUP	Am-241 by GEA	14596-10-2	U-7.4e-3	n/a	RPD	04/14/06	0.000	20.000	
DUP	Ba-133 by GEA	13981-41-4	U1.50e-3	n/a	RPD	04/14/06	0.000	20.000	
DUP	Bi-212 by GEA	14913-49-6	5.64e-01	3.655	RPD	04/14/06	0.000	20.000	
DUP	Bi-214 by GEA	14733-03-0	9.22e-01	13.056	RPD	04/14/06	0.000	20.000	
DUP	Ce-144 by GEA	14762-78-8	U-4.9e-3	n/a	RPD	04/14/06	0.000	20.000	
DUP	CePr-144 by GEA	CE/PR-144	U-4.9e-3	n/a	RPD	04/14/06	0.000	20.000	
DUP	Co-60 by GEA	10198-40-0	U2.22e-5	n/a	RPD	04/14/06	0.000	20.000	
DUP	Cs-134 by GEA	13967-70-9	U4.67e-02	n/a	RPD	04/14/06	0.000	20.000	
DUP	Cs-137 by GEA	10045-97-3	3.51e-02	18.839	RPD	04/14/06	0.000	20.000	
DUP	Eu-152 by GEA	14683-23-9	U-8.3e-3	n/a	RPD	04/14/06	0.000	20.000	
DUP	Eu-154 by GEA	15585-10-1	U2.96e-2	n/a	RPD	04/14/06	0.000	20.000	
DUP	Eu-155 by GEA	14391-16-3	5.14e-02	51.659	RPD	04/14/06	0.000	20.000	
DUP	K-40 by GEA	13966-00-2	1.88e+01	0.531	RPD	04/14/06	0.000	20.000	
DUP	Nb-94 by GEA	14681-63-1	U8.10e-3	n/a	RPD	04/14/06	0.000	20.000	
DUP	Pb-212 by GEA	15092-94-1	1.00e+00	0.995	RPD	04/14/06	0.000	20.000	
DUP	Pb-214 by GEA	15067-28-4	9.99e-01	13.348	RPD	04/14/06	0.000	20.000	
DUP	Ra-226 by GEA	13982-63-3	9.22e-01	13.056	RPD	04/14/06	0.000	20.000	
DUP	Ra-228 by GEA	15262-20-1	9.21e-01	4.043	RPD	04/14/06	0.000	20.000	
DUP	Ru-103 by GEA	13968-53-1	U1.09e-3	n/a	RPD	04/14/06	0.000	20.000	
DUP	Ru-106 by GEA	13967-48-1	U-4.0e-4	n/a	RPD	04/14/06	0.000	20.000	
DUP	Sb-125 by GEA	14234-35-6	U9.97e-3	n/a	RPD	04/14/06	0.000	20.000	
DUP	Sn-113 by GEA	13966-06-8	U-4.7e-3	n/a	RPD	04/14/06	0.000	20.000	
DUP	Sn-126 by GEA	15832-50-5	U2.40e-01	n/a	RPD	04/14/06	0.000	20.000	
DUP	Th-234 by GEA	15065-10-8	6.39e-01	n/a	RPD	04/14/06	0.000	20.000	
DUP	Tl-208 by GEA	14913-50-9	2.96e-01	0.337	RPD	04/14/06	0.000	20.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
Matrix: SOLID
Test: Gamma Energy Analysis-grd H2O

SAF Number: R06-013
Sample Date: 04/11/06
Receive Date:04/12/06

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
DUP	U-235 by GEA	15117 96-1	U4.37e-2	n/a	RPD	04/14/06	0.000	20.000	
DUP	Zn-65 by GEA	13982-39 3	U-1.7e-2	n/a	RPD	04/14/06	0.000	20.000	
BATCH QC									
BLANK	Ac-228 by GEA	14331 83-0	5.55e-02	0.056	pCi/g	04/13/06	10.000	1000.000	
BLANK	Am-241 by GEA	14596 10 2	U-3.1e-2	n/a	pCi/g	04/13/06	-10.000	1000.000	
BLANK	Ba 133 by GEA	13981-41-4	U5.12e-3	n/a	pCi/g	04/13/06	10.000	1000.000	
BLANK	Bi-212 by GEA	14913-49 6	U 2.4e-3	n/a	pCi/g	04/13/06	-10.000	1000 000	
BLANK	Bi-214 by GEA	14733 03 0	1.13e-01	0.113	pCi/g	04/13/06	-10 000	1000.000	
BLANK	Ce 144 by GEA	14762-78-8	U-9.1e-3	n/a	pCi/g	04/13/06	10.000	1000.000	
BLANK	CePr-144 by GEA	CE/PR-144	U-1.8e-2	n/a	pCi/g	04/13/06	-10.000	1000.000	
BLANK	Co-60 by GEA	10198-40-0	U-7.2e-4	n/a	pCi/g	04/13/06	-10.000	1000.000	
BLANK	Cs 134 by GEA	13967-70-9	U4.24e 3	n/a	pCi/g	04/13/06	-10.000	1000.000	
BLANK	Cs-137 by GEA	10045-97-3	U1.34e-3	n/a	pCi/g	04/13/06	-10.000	1000.000	
BLANK	Eu-152 by GEA	14683-23-9	U-1.8e-2	n/a	pCi/g	04/13/06	-10.000	1000.000	
BLANK	Eu-154 by GEA	15585-10-1	U 1.5e-2	n/a	pCi/g	04/13/06	-10.000	1000.000	
BLANK	Eu-155 by GEA	14391-16-3	U-5.3e-3	n/a	pCi/g	04/13/06	-10.000	1000.000	
BLANK	K-40 by GEA	13966-00-2	3.22e-01	0.322	pCi/g	04/13/06	-10.000	1000.000	
BLANK	Nb 94 by GEA	14681-63 1	U2.24e-3	n/a	pCi/g	04/13/06	-10.000	1000.000	
BLANK	Pb-212 by GEA	15092-94-1	5.71e-02	0 057	pCi/g	04/13/06	-10.000	1000.000	
BLANK	Pb 214 by GEA	15067-28-4	1.13e-01	0.113	pCi/g	04/13/06	-10.000	1000.000	
BLANK	Ra-226 by GEA	13982-63 3	1.13e-01	0.113	pCi/g	04/13/06	-10.000	1000.000	
BLANK	Ra-228 by GEA	15262-20-1	5.55e-02	0.056	pCi/g	04/13/06	-10.000	1000.000	
BLANK	Ru-103 by GEA	13968-53-1	U 2.4e 3	n/a	pCi/g	04/13/06	-10.000	1000.000	
BLANK	Ru-106 by GEA	13967-48-1	U2.65e-2	n/a	pCi/g	04/13/06	-10.000	1000.000	
BLANK	Sb-125 by GEA	14234-35-6	U4.26e-3	n/a	pCi/g	04/13/06	-10.000	1000.000	
BLANK	Sn-113 by GEA	13966-06-8	U-1.6e-3	n/a	pCi/g	04/13/06	-10.000	1000.000	
BLANK	Sn-126 by GEA	15832-50-5	U5.71e-3	n/a	pCi/g	04/13/06	-10.000	1000.000	
BLANK	Th-234 by GEA	15065-10-8	U4.76e-2	n/a	pCi/g	04/13/06	-10.000	1000.000	
BLANK	Tl-208 by GEA	14913-50 9	1.73e-02	0.017	pCi/g	04/13/06	-10.000	1000.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
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	U2.09e-2	n/a	pCi/g	04/13/06	-10.000	1000.000	
BLANK	Zn-65 by GEA	13982-39-3	U1.40e-2	n/a	pCi/g	04/13/06	-10.000	1000.000	
LCS	Am-241 by GEA	14596-10-2	3.62e+03	92.347	% Recov	04/20/06	80.000	120.000	
LCS	Co-60 by GEA	10198-40-0	4.46e+03	106.444	% Recov	04/20/06	80.000	120.000	
LCS	Cs-137 by GEA	10045-97-3	3.97e+03	110.894	% Recov	04/20/06	80.000	120.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
Matrix: SOLID
Test: Strontium 89/90

SAF Number: R06-013
Sample Date: 04/11/06
Receive Date:04/12/06

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W060000735									
BATCH QC ASSOCIATED WITH SAMPLE									
DUP	Sr-89/90 by Beta Counting	10098-97-2	5.1E-01	n/a	RPD	04/18/06	0.000	20.000	
BATCH QC									
BLANK	Sr-89/90 by Beta Counting	10098-97-2	-8.8E-02	-0.088	pCi/g	04/18/06	-10.000	300.000	
LCS	Sr-89/90 by Beta Counting	10098-97-2	58.3	82.055	% Recov	04/18/06	80.000	120.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
Matrix: SOLID
Test: Anions by Ion Chromatography

SAF Number: R06-013
Sample Date: 04/11/06
Receive Date:04/12/06

Lab ID: W060000735

BATCH QC ASSOCIATED WITH SAMPLE

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
DUP	Bromide (Br) by IC	24959-67-9	<4.65e0	n/a	RPD	04/24/06	0.000	20.000	U
DUP	Chloride (Cl) by IC	16887-00-6	4.74e+00	3.433	RPD	04/24/06	0.000	20.000	
DUP	Fluoride (F) by IC	16984-48-8	<2.00e0	n/a	RPD	04/24/06	0.000	20.000	U
DUP	Nitrite (N) by IC	NO2-N	<4.90e-1	n/a	RPD	04/24/06	0.000	20.000	U
DUP	Nitrate (N) by IC	NO3-N	1.30e+01	0.766	RPD	04/24/06	0.000	20.000	
DUP	Phosphate (P) by IC	PO4-P	<3.90e0	n/a	RPD	04/24/06	0.000	20.000	U
DUP	Sulfate (SO4) by IC	14808-79-8	7.85e+01	4.239	RPD	04/24/06	0.000	20.000	
MS	Bromide (Br) by IC	24959-67-9	2.01e+00	100.500	% Recov	04/24/06	75.000	125.000	
MS	Chloride (Cl) by IC	16887-00-6	9.41e-01	96.020	% Recov	04/24/06	75.000	125.000	
MS	Fluoride (F) by IC	16984-48-8	4.37e-01	87.400	% Recov	04/24/06	75.000	125.000	
MS	Nitrite (N) by IC	NO2-N	4.70e-01	94.378	% Recov	04/24/06	75.000	125.000	
MS	Nitrate (N) by IC	NO3-N	4.35e-01	98.864	% Recov	04/24/06	75.000	125.000	
MS	Phosphate (P) by IC	PO4-P	9.03e-01	93.867	% Recov	04/24/06	75.000	125.000	
MS	Sulfate (SO4) by IC	14808-79-8	1.69e+00	84.500	% Recov	04/24/06	75.000	125.000	
MSD	Bromide (Br) by IC	24959-67-9	1.91e+00	95.500	% Recov	04/24/06	75.000	125.000	
MSD	Chloride (Cl) by IC	16887-00-6	9.67e-01	98.673	% Recov	04/24/06	75.000	125.000	
MSD	Fluoride (F) by IC	16984-48-8	4.30e-01	86.000	% Recov	04/24/06	75.000	125.000	
MSD	Nitrite (N) by IC	NO2-N	4.85e-01	97.390	% Recov	04/24/06	75.000	125.000	
MSD	Nitrate (N) by IC	NO3-N	4.33e-01	98.409	% Recov	04/24/06	75.000	125.000	
MSD	Phosphate (P) by IC	PO4-P	8.01e-01	83.264	% Recov	04/24/06	75.000	125.000	
MSD	Sulfate (SO4) by IC	14808-79-8	1.82e+00	91.000	% Recov	04/24/06	75.000	125.000	

BATCH QC

BLANK	Bromide (Br) by IC	24959-67-9	<9.30e-2	n/a	mg/L	04/24/06	0.000	300.000	U
BLANK	Bromide (Br) by IC	24959-67-9	<9.30e-2	n/a	mg/L	04/24/06	0.000	300.000	U
BLANK	Chloride (Cl) by IC	16887-00-6	<3.40e-2	n/a	mg/L	04/24/06	0.000	300.000	U

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
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
BLANK	Chloride (Cl) by IC	16887-00-6	<3.40e-2	n/a	mg/L	04/24/06	0.000	300.000	U
BLANK	Flupride (F) by IC	16984-48-8	<4.00e-2	n/a	mg/L	04/24/06	0.000	300.000	U
BLANK	Fluoride (F) by IC	16984-48-8	<4.00e-2	n/a	mg/L	04/24/06	0.000	300.000	U
BLANK	Nitrite (N) by IC	NO2-N	<9.80e-3	n/a	mg/L	04/24/06	0.000	300.000	U
BLANK	Nitrite (N) by IC	NO2-N	<9.80e-3	n/a	mg/L	04/24/06	0.000	300.000	U
BLANK	Nitrate (N) by IC	NO3-N	<1.80e-2	n/a	mg/L	04/24/06	0.000	300.000	U
BLANK	Nitrate (N) by IC	NO3-N	<1.80e-2	n/a	mg/L	04/24/06	0.000	300.000	U
BLANK	Phosphate (P) by IC	PO4-P	<7.80e-2	n/a	mg/L	04/24/06	0.000	300.000	U
BLANK	Phosphate (P) by IC	PO4-P	<7.80e-2	n/a	mg/L	04/24/06	0.000	300.000	U
BLANK	Sulfate (SO4) by IC	14808-79-8	<1.30e-1	n/a	mg/L	04/24/06	0.000	300.000	U
BLANK	Sulfate (SO4) by IC	14808-79-8	<1.30e-1	n/a	mg/L	04/24/06	0.000	300.000	U
LCS	Bromide (Br) by IC	24959-67-9	3.86e+02	96.500	% Recov	04/24/06	80.000	120.000	
LCS	Chloride (Cl) by IC	16887-00-6	1.98e+02	101.020	% Recov	04/24/06	80.000	120.000	
LCS	Fluoride (F) by IC	16984-48-8	1.01e+02	101.000	% Recov	04/24/06	80.000	120.000	
LCS	Nitrite (N) by IC	NO2-N	9.33e+01	93.675	% Recov	04/24/06	80.000	120.000	
LCS	Nitrate (N) by IC	NO3-N	8.61e+01	97.952	% Recov	04/24/06	80.000	120.000	
LCS	Phosphate (P) by IC	PO4-P	1.84e+02	95.584	% Recov	04/24/06	80.000	120.000	
LCS	Sulfate (SO4) by IC	14808-79-8	3.68e+02	92.000	% Recov	04/24/06	80.000	120.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
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	04/25/06			U
BLANK	Arsenic by ICP-MS	7440-38-2	<1	n/a	ug/L	04/25/06			U
BLANK	Barium by ICP-MS	7440-39-3	<0.2	n/a	ug/L	04/25/06			U
BLANK	Beryllium by ICP-MS	7440-41-7	<2e-2	n/a	ug/L	04/25/06			U
BLANK	Cadmium by ICP-MS	7440-43-9	<4e-2	n/a	ug/L	04/25/06			U
BLANK	Cobalt by ICP-MS	7440-48-4	<2e-2	n/a	ug/L	04/25/06			U
BLANK	Chromium by ICP-MS	7440-47-3	<0.7	n/a	ug/L	04/25/06			U
BLANK	Copper by ICP-MS	7440-50-8	<0.2	n/a	ug/L	04/25/06			U
BLANK	Mercury by ICP-MS	7439-97-6	<4e-2	n/a	ug/L	04/25/06			U
BLANK	Manganese by ICP-MS	7439-96-5	<2e-2	n/a	ug/L	04/25/06			U
BLANK	Molybdenum by ICP-MS	7439-98-7	<0.1	n/a	ug/L	04/25/06			U
BLANK	Nickel by ICP-MS	7440-02-0	<6e-2	n/a	ug/L	04/25/06			U
BLANK	Lead by ICP-MS	7439-92-1	<5e-2	n/a	ug/L	04/25/06			U
BLANK	Antimony by ICP-MS	7440-36-0	<0.3	n/a	ug/L	04/25/06			U
BLANK	Selenium by ICP-MS	7782-49-2	<0.4	n/a	ug/L	04/25/06			U
BLANK	Tin	7440-31-5	<5e-2	n/a	ug/L	04/25/06			U
BLANK	Strontium by ICP-MS	7440-24-6	<3e-2	n/a	ug/L	04/25/06			U
BLANK	Thorium by ICP-MS	7440-29-1	6.726e-2	0.067	ug/L	04/25/06			
BLANK	Thallium by ICP-MS	7440-28-0	<3e-2	n/a	ug/L	04/25/06			U
BLANK	Uranium by ICP-MS	7440-61-1	<2e-2	n/a	ug/L	04/25/06			U
BLANK	Vanadium by ICP-MS	7440-62-2	<0.5	n/a	ug/L	04/25/06			U
BLANK	Zinc by ICP-MS	7440-66-6	<0.3	n/a	ug/L	04/25/06			U
LCS	Silver by ICP-MS	7440-22-4	150.9	116.077	% Recov	04/25/06	98.000	134.000	
LCS	Arsenic by ICP-MS	7440-38-2	159.5	99.068	% Recov	04/25/06	75.000	134.000	
LCS	Barium by ICP-MS	7440-39-3	253.4	100.556	% Recov	04/25/06	87.000	121.000	
LCS	Beryllium by ICP-MS	7440-41-7	99.64	105.551	% Recov	04/25/06	70.000	153.000	
LCS	Cadmium by ICP-MS	7440-43-9	135.9	106.172	% Recov	04/25/06	95.000	124.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
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	36.5	103.693	% Recov	04/25/06	68.000	119.000	
LCS	Chromium by ICP MS	7440-47-3	72.03	103.640	% Recov	04/25/06	77.000	125.000	
LCS	Copper by ICP-MS	7440-50-8	150.3	101.554	% Recov	04/25/06	84.000	122.000	
LCS	Mercury by ICP-MS	7439-97-6	19.27	114.024	% Recov	04/25/06	71.000	132.000	
LCS	Manganese by ICP-MS	7439-96-5	418.9	102.672	% Recov	04/25/06	83.000	118.000	
LCS	Molybdenum by ICP-MS	7439-98-7	89.56	106.492	% Recov	04/25/06	71.000	130.000	
LCS	Nickel by ICP MS	7440-02-0	153.1	104.150	% Recov	04/25/06	90.000	121.000	
LCS	Lead by ICP-MS	7439-92-1	142.7	100.493	% Recov	04/25/06	92.000	123.000	
LCS	Antimony by ICP MS	7440-36-0	86.78	142.496	% Recov	04/25/06	114.000	260.000	
LCS	Selenium by ICP-MS	7782-49-2	37.63	58.614	% Recov	04/25/06	52.000	157.000	
LCS	Tin	7440-31-5	62.82	102.984	% Recov	04/25/06	86.000	123.000	
LCS	Strontium by ICP-MS	7440-24-6	83.37	99.250	% Recov	04/25/06	68.000	123.000	
LCS	Thorium by ICP-MS	7440-29-1	380.5	95.125	% Recov	04/25/06	77.000	121.000	
LCS	Thallium by ICP-MS	7440-28-0	83.83	99.798	% Recov	04/25/06	92.000	123.000	
LCS	Uranium by ICP-MS	7440-61-1	400.2	100.050	% Recov	04/25/06	81.000	125.000	
LCS	Vanadium by ICP-MS	7440-62-2	104.3	107.194	% Recov	04/25/06	81.000	122.000	
LCS	Zinc by ICP-MS	7440-66-6	175.2	106.182	% Recov	04/25/06	85.000	130.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
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	-2.1e-03	-0.002	pCi/g	04/25/06	-10.000	1000.000	
LCS	Np-237 by AEA	13994-20-2	108.4	108.400	% Recov	04/25/06	75.000	125.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
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	1.6e 02	0.016	pCi/g	04/25/06	-10.000	1000.000	
BLANK	U-235 by AEA	15117-96-1	U7.7e-03	n/a	pCi/g	04/25/06	-10.000	1000.000	
BLANK	U 238 by AEA	24678 82-8	U8.5e-03	n/a	pCi/g	04/25/06	-10.000	1000.000	
LCS	U-238 by AEA	24678-82-8	1.9e+01	100.237	% Recov	04/25/06	75 000	125.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
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	U-4.4e-03	n/a	pCi/g	04/25/06	-10.000	1000.000	
BLANK	Pu-239/240 by AEA	PU-239/240	U4.4e-03	n/a	pCi/g	04/25/06	-10.000	1000.000	
LCS	Pu 239/240 by AEA	PU-239/240	1.2e+01	93.422	% Recov	04/25/06	75.000	125.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
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	U2.7e-02	n/a	pCi/g	04/25/06	-10.000	1000.000	
LCS	Am-241 by AEA	14596-10-2	1.1e+01	91.476	% Recov	04/25/06	75.000	125.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

SAF Number: R06-013
Sample Date: 04/11/06
Receive Date:04/12/06

Lab ID: W060000735
BATCH QC ASSOCIATED WITH SAMPLE

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
MS	1,2,4-Trichlorobenzene	120-82-1	1895.9	94.500	% Recov	04/24/06	46.000	107.000	
MS	1,4-Dichlorobenzene (SV)	106-46-7	1935.3	96.400	% Recov	04/24/06	30.000	96.000	*
MS	2,4-Dinitrotoluene	121-14-2	1696.1	84.500	% Recov	04/24/06	59.000	106.000	
MS	2-Fluorophenol Surr	367-12-4	1840.2	91.700	% Recov	04/24/06	42.000	105.000	
MS	Acenaphthene	83-32-9	1832.8	91.300	% Recov	04/24/06	61.000	116.000	
MS	4-Chloro-3-methylphenol	59-50-7	2820.8	93.700	% Recov	04/24/06	61.000	106.000	
MS	2-Chlorophenol	95-57-8	2797.2	92.900	% Recov	04/24/06	66.000	106.000	
MS	N-Nitroso-di-n-propylamine	621-64-7	1781.2	88.700	% Recov	04/24/06	71.000	114.000	
MS	2-Fluorobiphenyl Surr	321-60-8	1786.7	89.000	% Recov	04/24/06	56.000	122.000	
MS	Phenol	108-95-2	2779.4	92.300	% Recov	04/24/06	42.000	111.000	
MS	Nitrobenzene-d5 Surr	4165-60-0	1823.2	90.800	% Recov	04/24/06	64.000	111.000	
MS	4-Nitrophenol	100-02-7	2764.6	91.800	% Recov	04/24/06	32.000	118.000	
MS	Pentachlorophenol	87-86-5	1967.4	65.300	% Recov	04/24/06	62.000	114.000	
MS	Phenol-d5 Surr	4165-62-2	1853.7	92.400	% Recov	04/24/06	54.000	120.000	
MS	Pyrene	129-00-0	1831.0	91.200	% Recov	04/24/06	66.000	118.000	
MS	2,4,6-Tribromophenol Surr	118-79-6	1650.9	82.300	% Recov	04/24/06	24.000	122.000	
MS	Terphenyl-d14 Surr	98904-43-9	1962.4	97.800	% Recov	04/24/06	35.000	150.000	
MSD	1,2,4-Trichlorobenzene	120-82-1	1964.9	97.900	% Recov	04/24/06	46.000	107.000	
MSD	1,4-Dichlorobenzene (SV)	106-46-7	1968.5	98.100	% Recov	04/24/06	30.000	96.000	*
MSD	2,4-Dinitrotoluene	121-14-2	1694.9	84.500	% Recov	04/24/06	59.000	106.000	
MSD	2-Fluorophenol Surr	367-12-4	1828.6	91.100	% Recov	04/24/06	42.000	105.000	
MSD	Acenaphthene	83-32-9	1851.6	92.300	% Recov	04/24/06	61.000	116.000	
MSD	4-Chloro-3-methylphenol	59-50-7	2749.0	91.300	% Recov	04/24/06	61.000	106.000	
MSD	2-Chlorophenol	95-57-8	2808.8	93.300	% Recov	04/24/06	66.000	106.000	
MSD	N-Nitroso-di-n-propylamine	621-64-7	1770.3	88.200	% Recov	04/24/06	71.000	114.000	
MSD	2-Fluorobiphenyl Surr	321-60-8	1779.9	88.700	% Recov	04/24/06	56.000	122.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

SAF Number: R06-013
Sample Date: 04/11/06
Receive Date:04/12/06

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
MSD	Phenol	108-95-2	2736.7	90.900	% Recov	04/24/06	42.000	111.000	
MSD	Nitrobenzene-d5 Surr	4165-60 0	1839.3	91.700	% Recov	04/24/06	64.000	111 000	
MSD	4-Nitrophenol	100-02-7	2434.2	80.900	% Recov	04/24/06	32.000	118 000	
MSD	Pentachlorophenol	87-86 5	1938.9	64.400	% Recov	04/24/06	62.000	114.000	
MSD	Phenol-d5 Surr	4165-62-2	1833.2	91.400	% Recov	04/24/06	54.000	120.000	
MSD	Pyrene	129-00 0	1843.2	91.800	% Recov	04/24/06	66.000	118.000	
MSD	2,4,6 Tribromophenol Surr	118-79 6	1567.7	78.100	% Recov	04/24/06	24.000	122.000	
MSD	Terphenyl-d14 Surr	98904-43 9	1911.7	95.300	% Recov	04/24/06	35.000	150 000	
SPK-RPD	1,2,4-Trichlorobenzene	120-82 1	97.900	3.534	RPD	04/24/06	0.000	20.000	
SPK-RPD	1,4 Dichlorobenzene (SV)	106-46-7	98.100	1.748	RPD	04/24/06	0.000	20.000	
SPK RPD	2,4-Dinitrotoluene	121-14-2	84.500	0.000	RPD	04/24/06	0.000	20.000	
SPK-RPD	2-Fluorophenol Surr	367 12 4	91.100	0.656	RPD	04/24/06	0.000	20.000	
SPK-RPD	Acenaphthene	83 32-9	92.300	1 089	RPD	04/24/06	0 000	20.000	
SPK-RPD	4-Chloro-3-methylphenol	59-50-7	91.300	2.595	RPD	04/24/06	0 000	20.000	
SPK-RPD	2-Chlorophenol	95 57-8	93.300	0.430	RPD	04/24/06	0.000	20.000	
SPK-RPD	N-Nitroso-di-n-propylamine	621-64-7	88.200	0.565	RPD	04/24/06	0.000	20.000	
SPK-RPD	2-Fluorobiphenyl Surr	321-60-8	88.700	0.338	RPD	04/24/06	0.000	20.000	
SPK-RPD	Phenol	108-95-2	90.900	1.528	RPD	04/24/06	0.000	20.000	
SPK-RPD	Nitrobenzene-d5 Surr	4165 60-0	91.700	0.986	RPD	04/24/06	0.000	20.000	
SPK RPD	4-Nitrophenol	100 02-7	80.900	12.623	RPD	04/24/06	0.000	20.000	
SPK-RPD	Pentachlorophenol	87-86-5	64.400	1.388	RPD	04/24/06	0.000	20.000	
SPK RPD	Phenol-d5 Surr	4165-62-2	91.400	1 088	RPD	04/24/06	0.000	20.000	
SPK-RPD	Pyrene	129 00-0	91.800	0.656	RPD	04/24/06	0.000	20.000	
SPK-RPD	2,4,6 Tribromophenol Surr	118-79-6	78.100	5.237	RPD	04/24/06	0.000	20.000	
SPK-RPD	Terphenyl-d14 Surr	98904-43-9	95.300	2.589	RPD	04/24/06	0.000	20.000	

Lab ID: W060000742
BATCH QC ASSOCIATED WITH SAMPLE

SURR	2 Fluorophenol Surr	367-12-4	2699.9	99.100	% Recov	04/25/06	42.000	105.000
SURR	2-Fluorobiphenyl Surr	321 60-8	2169.6	79.700	% Recov	04/25/06	56.000	122.000

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
Matrix: SOLID
Test: SW-846 8270C Semi-Vols

SAF Number: R06-013
Sample Date: 04/11/06
Receive Date:04/12/06

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
SURR	Nitrobenzene-d5 Surr	4165-60-0	2827.7	104.000	% Recov	04/25/06	64.000	111.000	
SURR	Phenol-d5 Surr	4165-62-2	2523.8	92.700	% Recov	04/25/06	54.000	120.000	
SURR	2,4,6-Tribromophenol Surr	118-79-6	2608.9	95.800	% Recov	04/25/06	24.000	122.000	
SURR	Terphenyl-d14 Surr	98904-43-9	2770.7	102.000	% Recov	04/25/06	35.000	150.000	

Lab ID: W060000746
BATCH QC ASSOCIATED WITH SAMPLE

SURR	2-Fluorophenol Surr	367-12-4	2086.0	100.000	% Recov	04/24/06	42.000	105.000	
SURR	2-Fluorobiphenyl Surr	321-60-8	1944.6	93.500	% Recov	04/24/06	56.000	122.000	
SURR	Nitrobenzene-d5 Surr	4165-60-0	2100.5	101.000	% Recov	04/24/06	64.000	111.000	
SURR	Phenol-d5 Surr	4165-62-2	2099.2	101.000	% Recov	04/24/06	54.000	120.000	
SURR	2,4,6-Tribromophenol Surr	118-79-6	1793.4	86.200	% Recov	04/24/06	24.000	122.000	
SURR	Terphenyl-d14 Surr	98904-43-9	2046.0	98.400	% Recov	04/24/06	35.000	150.000	

BATCH QC

BLANK	1,2-Dichlorobenzene (SV)	95-50-1	< 380	n/a	ug/Kg	04/24/06			U
BLANK	1,2,4-Trimethylbenzene	95-63-6	< 100	n/a	ug/Kg	04/24/06			U
BLANK	1,2,4-Trichlorobenzene	120-82-1	< 270	n/a	ug/Kg	04/24/06			U
BLANK	1,3-Dichlorobenzene	541-73-1	< 480	n/a	ug/Kg	04/24/06			U
BLANK	1,4-Dichlorobenzene (SV)	106-46-7	< 400	n/a	ug/Kg	04/24/06			U
BLANK	2-Naphthylamine	91-59-8	< 400	n/a	ug/Kg	04/24/06			U
BLANK	2,4-Dichlorophenol	120-83-2	< 130	n/a	ug/Kg	04/24/06			U
BLANK	2,4-Dinitrotoluene	121-14-2	< 160	n/a	ug/Kg	04/24/06			U
BLANK	2,4,5-Trichlorophenol	95-95-4	< 140	n/a	ug/Kg	04/24/06			U
BLANK	2,4,6-Trichlorophenol	88-06-2	< 130	n/a	ug/Kg	04/24/06			U
BLANK	2,4-Dimethylphenol	105-67-9	< 270	n/a	ug/Kg	04/24/06			U
BLANK	2,6-Dinitrotoluene	606-20-2	< 210	n/a	ug/Kg	04/24/06			U
BLANK	2-Butoxyethanol	111-76-2	< 250	n/a	ug/Kg	04/24/06			U
BLANK	2-Chloronaphthalene	91-58-7	< 200	n/a	ug/Kg	04/24/06			U
BLANK	2-Fluorophenol Surr	367-12-4	1847.3	92.400	% Recov	04/24/06	42.000	105.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
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	2-Methylnaphthalene	91-57-6	< 220	n/a	ug/Kg	04/24/06			U
BLANK	2-Methylphenol	95-48-7	< 240	n/a	ug/Kg	04/24/06			U
BLANK	2-Nitroaniline	88-74-4	< 150	n/a	ug/Kg	04/24/06			U
BLANK	2-Nitrophenol	88-75-5	< 270	n/a	ug/Kg	04/24/06			U
BLANK	3 & 4 Methylphenol Total	65794-96-9	< 310	n/a	ug/Kg	04/24/06			U
BLANK	3-Nitroaniline	99-09-2	< 170	n/a	ug/Kg	04/24/06			U
BLANK	4,6-Dinitro-2-methylphenol	534-52-1	< 380	n/a	ug/Kg	04/24/06			U
BLANK	4-Bromophenyl-phenylether	101-55-3	< 150	n/a	ug/Kg	04/24/06			U
BLANK	4-Chlorophenyl-phenylether	7005-72-3	< 150	n/a	ug/Kg	04/24/06			U
BLANK	Acenaphthene	83-32-9	< 210	n/a	ug/Kg	04/24/06			U
BLANK	Acenaphthylene	208-96-8	< 220	n/a	ug/Kg	04/24/06			U
BLANK	Anthracene	120-12-7	< 230	n/a	ug/Kg	04/24/06			U
BLANK	bis(-2-Chloroethyl)Eth	111-44-4	< 300	n/a	ug/Kg	04/24/06			U
BLANK	Benzo(a)anthracene	56-55-3	< 190	n/a	ug/Kg	04/24/06			U
BLANK	Benzo(b)fluoranthene	205-99-2	< 220	n/a	ug/Kg	04/24/06			U
BLANK	Benzoic acid	65-85-0	< 500	n/a	ug/Kg	04/24/06	0.000		U
BLANK	Benzo(g,h,i)perylene	191-24-2	< 230	n/a	ug/Kg	04/24/06			U
BLANK	Benzo(a)pyrene	50-32-8	< 180	n/a	ug/Kg	04/24/06			U
BLANK	bis(2-Chloroethoxy)methane	111-91-1	< 180	n/a	ug/Kg	04/24/06			U
BLANK	Bis (2-Ethylhexyl) phthalate	117-81-7	< 150	n/a	ug/Kg	04/24/06			U
BLANK	Bis(2-Chloro-1-methylene)	108-60-1	< 260	n/a	ug/Kg	04/24/06			U
BLANK	Benzyl alcohol	100-51-6	< 170	n/a	ug/Kg	04/24/06			U
BLANK	Benzo(k)fluoranthene	207-08-9	< 160	n/a	ug/Kg	04/24/06			U
BLANK	Butylbenzylphthalate	85-68-7	< 130	n/a	ug/Kg	04/24/06			U
BLANK	Carbazole	86-74-8	< 230	n/a	ug/Kg	04/24/06			U
BLANK	4-Chloroaniline	106-47-8	< 450	n/a	ug/Kg	04/24/06			U
BLANK	4-Chloro-3-methylphenol	59-50-7	< 140	n/a	ug/Kg	04/24/06			U
BLANK	2-Chlorophenol	95-57-8	< 230	n/a	ug/Kg	04/24/06			U
BLANK	Chrysene	218-01-9	< 210	n/a	ug/Kg	04/24/06			U
BLANK	Cyclohexanone	108-94-1	< 110	n/a	ug/Kg	04/24/06			U

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
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	3,3'-Dichlorobenzidine	91-94-1	< 100	n/a	ug/Kg	04/24/06			U
BLANK	Decane	124-18 5	< 160	n/a	ug/Kg	04/24/06			U
BLANK	Dibenz(a,h)anthracene	53-70-3	< 280	n/a	ug/Kg	04/24/06			U
BLANK	Dibenzofuran	132-64-9	< 180	n/a	ug/Kg	04/24/06			U
BLANK	Di-n-butylphthalate	84-74-2	< 480	n/a	ug/Kg	04/24/06			U
BLANK	Diethylphthalate	84-66 2	< 400	n/a	ug/Kg	04/24/06			U
BLANK	Dimethylphthalate	131-11-3	< 190	n/a	ug/Kg	04/24/06			U
BLANK	2,4-Dinitrophenol	51-28-5	< 530	n/a	ug/Kg	04/24/06			U
BLANK	Di-n-octylphthalate	117-84-0	< 250	n/a	ug/Kg	04/24/06			U
BLANK	N-Nitroso-di-n-propylamine	621-64-7	< 220	n/a	ug/Kg	04/24/06			U
BLANK	Dodecane	112-40-3	< 110	n/a	ug/Kg	04/24/06	-999.000	999.000	U
BLANK	2-Fluorobiphenyl Surr	321 60-8	1782.9	89.100	% Recov	04/24/06	56.000	122.000	
BLANK	Fluorene	86-73-7	< 200	n/a	ug/Kg	04/24/06			U
BLANK	Fluoranthene	206-44-0	< 240	n/a	ug/Kg	04/24/06			U
BLANK	Hexachlorobenzene	118-74-1	< 210	n/a	ug/Kg	04/24/06			U
BLANK	Hexachlorobutadiene	87-68-3	< 250	n/a	ug/Kg	04/24/06			U
BLANK	Hexachlorocyclopentadiene	77-47-4	< 490	n/a	ug/Kg	04/24/06			U
BLANK	Hexachloroethane	67-72-1	< 360	n/a	ug/Kg	04/24/06			U
BLANK	Indeno(1,2,3-cd)pyrene	193-39-5	< 250	n/a	ug/Kg	04/24/06			U
BLANK	Isophorone	78-59-1	< 250	n/a	ug/Kg	04/24/06			U
BLANK	Phenol	108-95-2	< 210	n/a	ug/Kg	04/24/06			U
BLANK	Naphthalene	91-20-3	< 250	n/a	ug/Kg	04/24/06			U
BLANK	Nitrobenzene-d5 Surr	4165-60-0	1938.8	96.900	% Recov	04/24/06	64.000	111.000	
BLANK	Nitrobenzene	98-95-3	< 250	n/a	ug/Kg	04/24/06			U
BLANK	4-Nitrophenol	100-02-7	< 260	n/a	ug/Kg	04/24/06			U
BLANK	4-Nitroaniline	100-01-6	< 260	n/a	ug/Kg	04/24/06			U
BLANK	N-Nitrosodiphenylamine	86-30-6	< 220	n/a	ug/Kg	04/24/06			U
BLANK	Pentachlorophenol	87-86-5	< 220	n/a	ug/Kg	04/24/06			U
BLANK	Phenanthrene	85-01-8	< 210	n/a	ug/Kg	04/24/06			U
BLANK	Phenol-d5 Surr	4165-62-2	1857.7	92.900	% Recov	04/24/06	54.000	120.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
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	Pyrene	129-00-0	< 1100	n/a	ug/Kg	04/24/06			U
BLANK	Pyridine	110-86-1	< 280	n/a	ug/Kg	04/24/06			U
BLANK	Tri-n-butylphosphate	126-73-8	< 82	n/a	ug/Kg	04/24/06			U
BLANK	2,4,6-Tribromophenol Surr	118-79-6	1317.1	65.900	% Recov	04/24/06	24.000	122.000	
BLANK	Terphenyl-d14 Surr	98904-43-9	1870.2	93.500	% Recov	04/24/06	35.000	150.000	
LCS	1,2,4-Trichlorobenzene	120-82-1	1962.3	98.100	% Recov	04/24/06	46.000	107.000	
LCS	1,4-Dichlorobenzene (SV)	106-46-7	1947.0	97.400	% Recov	04/24/06	42.000	111.000	
LCS	2,4-Dinitrotoluene	121-14-2	1753.0	87.600	% Recov	04/24/06	59.000	106.000	
LCS	2-Fluorophenol Surr	367-12-4	1888.4	94.400	% Recov	04/24/06	50.000	110.000	
LCS	Acenaphthene	83-32-9	1898.6	94.900	% Recov	04/24/06	61.000	116.000	
LCS	4-Chloro-3-methylphenol	59-50-7	2838.2	94.600	% Recov	04/24/06	61.000	106.000	
LCS	2-Chlorophenol	95-57-8	2905.6	96.900	% Recov	04/24/06	66.000	106.000	
LCS	N-Nitroso-di-n-propylamine	621-64-7	1832.6	91.600	% Recov	04/24/06	71.000	114.000	
LCS	2-Fluorobiphenyl Surr	321-60-8	1803.2	90.200	% Recov	04/24/06	58.000	109.000	
LCS	Phenol	108-95-2	2823.6	94.100	% Recov	04/24/06	67.000	105.000	
LCS	Nitrobenzene-d5 Surr	4165-60-0	1879.9	94.000	% Recov	04/24/06	60.000	118.000	
LCS	4-Nitrophenol	100-02-7	2922.6	97.400	% Recov	04/24/06	32.000	118.000	
LCS	Pentachlorophenol	87-86-5	1880.3	62.700	% Recov	04/24/06	62.000	114.000	
LCS	Phenol-d5 Surr	4165-62-2	1861.2	93.100	% Recov	04/24/06	59.000	116.000	
LCS	Pyrene	129-00-0	1818.9	90.900	% Recov	04/24/06	66.000	118.000	
LCS	2,4,6-Tribromophenol Surr	118-79-6	1605.4	80.300	% Recov	04/24/06	60.000	120.000	
LCS	Terphenyl-d14 Surr	98904-43-9	1849.2	92.500	% Recov	04/24/06	60.000	120.000	
LCS-DUP	1,2,4-Trichlorobenzene	120-82-1	2002.5	100.000	% Recov	04/24/06	46.000	107.000	
LCS-DUP	1,4-Dichlorobenzene (SV)	106-46-7	1970.2	98.500	% Recov	04/24/06	42.000	111.000	
LCS-DUP	2,4-Dinitrotoluene	121-14-2	1817.2	90.900	% Recov	04/24/06	59.000	106.000	
LCS-DUP	2-Fluorophenol Surr	367-12-4	1917.2	95.900	% Recov	04/24/06	50.000	110.000	
LCS-DUP	Acenaphthene	83-32-9	1933.9	96.700	% Recov	04/24/06	61.000	116.000	
LCS-DUP	4-Chloro-3-methylphenol	59-50-7	2918.8	97.300	% Recov	04/24/06	61.000	106.000	
LCS-DUP	2-Chlorophenol	95-57-8	2889.5	96.300	% Recov	04/24/06	66.000	106.000	
LCS-DUP	N-Nitroso-di-n-propylamine	621-64-7	1796.5	89.800	% Recov	04/24/06	71.000	114.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
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-DUP	2-Fluorobiphenyl Surr	321-60-8	1811.8	90.600	% Recov	04/24/06	58.000	109.000	
LCS-DUP	Phenol	108-95-2	2824.0	94.100	% Recov	04/24/06	67.000	105.000	
LCS-DUP	Nitrobenzene-d5 Surr	4165-60-0	1966.2	98.300	% Recov	04/24/06	60.000	118.000	
LCS-DUP	4-Nitrophenol	100-02-7	2870.2	95.700	% Recov	04/24/06	32.000	118.000	
LCS-DUP	Pentachlorophenol	87-86-5	1915.8	63.900	% Recov	04/24/06	62.000	114.000	
LCS-DUP	Phenol d5 Surr	4165-62-2	1891.0	94.600	% Recov	04/24/06	59.000	116.000	
LCS-DUP	Pyrene	129-00-0	1854.6	92.700	% Recov	04/24/06	66.000	118.000	
LCS-DUP	2,4,6-Tribromophenol Surr	118-79-6	1829.9	91.500	% Recov	04/24/06	60.000	120.000	
LCS-DUP	Terphenyl-d14 Surr	98904-43-9	1908.2	95.400	% Recov	04/24/06	60.000	120.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
Matrix: SOLID
Test: WTPH-D TPH Diesel Range (Wa)

SAF Number: R06-013
Sample Date: 04/11/06
Receive Date:04/12/06

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W060000735									
BATCH QC ASSOCIATED WITH SAMPLE									
MS	ortho Terphenyl Surr	84-15 1	20399	103.000	% Recov	04/24/06	70.000	130.000	
MS	Total Pet. Hydrocarbons Diesel	TPHDIESEL	96632	97.100	% Recov	04/24/06	75.000	125.000	
MSD	ortho-Terphenyl Surr	84-15-1	20185	101.000	% Recov	04/24/06	70.000	130.000	
MSD	Total Pet. Hydrocarbons Diesel	TPHDIESEL	101030	101.000	% Recov	04/24/06	75.000	125.000	
SPK-RPD	ortho-Terphenyl Surr	84-15-1	101.000	1.961	RPD	04/24/06	0.000	20.000	
SPK-RPD	Total Pet. Hydrocarbons Diesel	TPHDIESEL	101.000	3.937	RPD	04/24/06	0.000	20.000	
Lab ID: W060000742									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	ortho-Terphenyl Surr	84 15-1	33181	122.000	% Recov	04/24/06	70.000	130.000	
Lab ID: W060000746									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	ortho-Terphenyl Surr	84-15-1	21726	97.700	% Recov	04/24/06	70.000	130.000	
BATCH QC									
BLANK	Kerosene	TPHKEROSENE	< 3000	n/a	ug/Kg	04/24/06			U
BLANK	ortho-Terphenyl Surr	84 15-1	19545	97.700	% Recov	04/24/06	70.000	130.000	
BLANK	Total Pet. Hydrocarbons Diesel	TPHDIESEL	< 3000	n/a	ug/Kg	04/24/06			U
LCS	Kerosene	TPHKEROSENE	112720	113.000	% Recov	04/24/06	70.000	130.000	
LCS	ortho Terphenyl Surr	84-15 1	20406	102.000	% Recov	04/24/06	70.000	130.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
Matrix: SOLID
Test: ICP Metals Analysis, Grd H20 P

SAF Number: R06-013
Sample Date: 04/11/06
Receive Date:04/12/06

Lab ID: W060000742

BATCH QC ASSOCIATED WITH SAMPLE

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
DUP	Boron by ICP	7440-42-8	<6.74752	n/a	RPD	04/26/06	0.000	20.000	U
DUP	Bismuth by ICP	7440-69-9	<5.70944	n/a	RPD	04/26/06	0.000	20.000	U

BATCH QC

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BLANK	Aluminum by ICP	7429-90-5	<2.7e-2	n/a	ug/L	04/26/06			U
BLANK	Boron by ICP	7440-42-8	<2.6e-2	n/a	ug/L	04/26/06			U
BLANK	Bismuth by ICP	7440-69-9	<2.2e-2	n/a	ug/L	04/26/06			U
BLANK	Calcium by ICP	7440-70-2	3.7e-2	0.037	ug/L	04/26/06			
BLANK	Iron by ICP	7439-89-6	<2.1e-2	n/a	ug/L	04/26/06			U
BLANK	Potassium by ICP	7440-09-7	<0.115	n/a	ug/L	04/26/06			U
BLANK	Lithium by ICP	7439-93-2	<1e-3	n/a	ug/L	04/26/06			U
BLANK	Magnesium by ICP	7439-95-4	<1.9e-2	n/a	ug/L	04/26/06			U
BLANK	Sodium by ICP	7440-23-5	<0.198	n/a	ug/L	04/26/06			U
BLANK	Silicon by ICP	7440-21-3	3.3e-2	0.033	ug/L	04/26/06			
BLANK	Titanium by ICP	7440-32-6	<1e-3	n/a	ug/L	04/26/06			U
LCS	Aluminum by ICP	7429-90-5	7198	113.892	% Recov	04/26/06	44.000	157.000	
LCS	Boron by ICP	7440-42-8	86.9	89.220	% Recov	04/26/06	45.000	156.000	
LCS	Bismuth by ICP	7440-69-9	1309	326.434	% Recov	04/26/06	80.000	120.000	*
LCS	Calcium by ICP	7440-70-2	3690	111.145	% Recov	04/26/06	76.000	124.000	
LCS	Iron by ICP	7439-89-6	12580	112.321	% Recov	04/26/06	47.000	152.000	
LCS	Potassium by ICP	7440-09-7	1957	101.927	% Recov	04/26/06	64.000	136.000	
LCS	Lithium by ICP	7439-93-2	5.05	84.732	% Recov	04/26/06	80.000	120.000	
LCS	Magnesium by ICP	7439-95-4	2248	110.196	% Recov	04/26/06	71.000	129.000	
LCS	Sodium by ICP	7440-23-5	474	106.517	% Recov	04/26/06	51.000	149.000	
LCS	Silicon by ICP	7440-21-3	247	33.882	% Recov	04/26/06	80.000	120.000	*
LCS	Titanium by ICP	7440-32-6	266	85.806	% Recov	04/26/06	9.000	191.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
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

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
Matrix: SOLID
Test: VOA Ground Water Protection

SAF Number: R06-013
Sample Date: 04/11/06
Receive Date:04/12/06

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W060000743									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	4-Bromofluorobenzene Surr	460-00-4	82.910	92.900	% Recov	04/25/06	71.000	125.000	
SURR	1,2-Dichloroethane-d4 Surr	17060-07-0	87.020	97.500	% Recov	04/25/06	80.000	134.000	
SURR	Toluene d8 Surr	2037-26-5	84.710	94.900	% Recov	04/25/06	80.000	126.000	
Lab ID: W060000744									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	4 Bromofluorobenzene Surr	460-00-4	82.960	89.600	% Recov	04/25/06	71.000	125.000	
SURR	1,2-Dichloroethane-d4 Surr	17060-07-0	87.690	94.700	% Recov	04/25/06	80.000	134.000	
SURR	Toluene d8 Surr	2037-26-5	87.960	95.000	% Recov	04/25/06	80.000	126.000	
Lab ID: W060000745									
BATCH QC ASSOCIATED WITH SAMPLE									
MS	1,1-Dichloroethene	75-35-4	45.460	90.900	% Recov	04/25/06	63.000	117.000	
MS	Benzene	71-43-2	48.290	96.600	% Recov	04/25/06	75.000	129.000	
MS	4-Bromofluorobenzene Surr	460-00 4	86.800	86.800	% Recov	04/25/06	84.000	116.000	
MS	Chlorobenzene	108-90-7	48.210	96.400	% Recov	04/25/06	79.000	119.000	
MS	1,2-Dichloroethane-d4 Surr	17060-07-0	90.690	90.700	% Recov	04/25/06	82.000	136.000	
MS	Toluene-d8 Surr	2037 26-5	96.980	97.000	% Recov	04/25/06	89.000	119.000	
MS	Toluene	108-88-3	51.380	103.000	% Recov	04/25/06	76.000	120.000	
MS	Trichloroethene	79-01-6	50.180	100.000	% Recov	04/25/06	73.000	123.000	
MSD	1,1 Dichloroethene	75-35 4	49.860	99.700	% Recov	04/25/06	63.000	117.000	
MSD	Benzene	71-43-2	47.280	94.600	% Recov	04/25/06	75.000	129.000	
MSD	4-Bromofluorobenzene Surr	460-00-4	89.760	89.800	% Recov	04/25/06	84.000	116.000	
MSD	Chlorobenzene	108-90-7	51.100	102.000	% Recov	04/25/06	79.000	119.000	
MSD	1,2-Dichloroethane-d4 Surr	17060-07-0	90.390	90.400	% Recov	04/25/06	82.000	136.000	
MSD	Toluene-d8 Surr	2037 26-5	100.20	100.000	% Recov	04/25/06	89.000	119.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
Matrix: SOLID
Test: VOA Ground Water Protection

SAF Number: R06-013
Sample Date: 04/11/06
Receive Date:04/12/06

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
MSD	Toluene	108-88-3	47.200	94.400	% Recov	04/25/06	76.000	120.000	
MSD	Trichloroethene	79-01-6	44.630	89.300	% Recov	04/25/06	73.000	123.000	
SPK-RPD	1,1-Dichloroethene	75-35-4	99.700	9.234	RPD	04/25/06	0.000	20.000	
SPK-RPD	Benzene	71-43-2	94.600	2.092	RPD	04/25/06	0.000	20.000	
SPK-RPD	4-Bromofluorobenzene Surr	460-00-4	89.800	3.398	RPD	04/25/06	0.000	20.000	
SPK-RPD	Chlorobenzene	108-90-7	102.000	5.645	RPD	04/25/06	0.000	20.000	
SPK-RPD	1,2-Dichloroethane-d4 Surr	17060-07-0	90.400	0.331	RPD	04/25/06	0.000	20.000	
SPK-RPD	Toluene-d8 Surr	2037-26-5	100.000	3.046	RPD	04/25/06	0.000	20.000	
SPK-RPD	Toluene	108-88-3	94.400	8.713	RPD	04/25/06	0.000	20.000	
SPK-RPD	Trichloroethene	79-01-6	89.300	11.305	RPD	04/25/06	0.000	20.000	
SURR	4-Bromofluorobenzene Surr	460-00-4	87.530	87.500	% Recov	04/25/06	71.000	125.000	
SURR	1,2-Dichloroethane-d4 Surr	17060-07-0	99.920	99.900	% Recov	04/25/06	80.000	134.000	
SURR	Toluene-d8 Surr	2037-26-5	94.400	94.400	% Recov	04/25/06	80.000	126.000	

Lab ID: W060000747
BATCH QC ASSOCIATED WITH SAMPLE

SURR	4-Bromofluorobenzene Surr	460-00-4	87.490	87.500	% Recov	04/25/06	71.000	125.000	
SURR	1,2-Dichloroethane-d4 Surr	17060-07-0	90.220	90.200	% Recov	04/25/06	80.000	134.000	
SURR	Toluene-d8 Surr	2037-26-5	96.010	96.000	% Recov	04/25/06	80.000	126.000	

BATCH QC

BLANK	1,1-Dichloroethane	75-34-3	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	1,1,1-Trichloroethane	71-55-6	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	1,1,2-Trichloroethane	79-00-5	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	1,1,2,2-Tetrachloroethane	79-34-5	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	1,1-Dichloroethene	75-35-4	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	1,2-Dichloroethane	107-06-2	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	1,2-Dichloroethene (cis & tran	540-59-0	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	1-Butanol	71-36-3	< 40	n/a	ug/Kg	04/25/06			U
BLANK	2-Hexanone	591-78-6	< 2.0	n/a	ug/Kg	04/25/06			U

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
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	2-Pentanone	107-87-9	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	4-Methyl-2-pentanone	108-10-1	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	Acetone	67-64-1	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	Bromodichloromethane	75-27-4	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	Benzene	71-43-2	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	4-Bromofluorobenzene Surr	460-00-4	90.140	90.100	% Recov	04/25/06	71.000	125.000	
BLANK	Bromoform	75-25-2	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	n-Butylbenzene	104-51-8	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	Carbon Disulfide	75-15-0	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	Carbon Tetrachloride	56-23-5	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	Dibromochloromethane	124-48-1	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	Cyclohexane	110-82-7	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	Chloroform	67-66-3	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	Chlorobenzene	108-90-7	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	cis-1,2-Dichloroethylene	156-59-2	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	cis-1,3-Dichloropropene	10061-01-5	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	Chloroethane	75-00-3	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	1,2-Dichloroethane-d4 Surr	17060-07-0	95.030	95.000	% Recov	04/25/06	80.000	134.000	
BLANK	trans-1,2-Dichloroethylene	156-60-5	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	1,2-Dichloropropane	78-87-5	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	Ethylbenzene	100-41-4	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	Hexane	110-54-3	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	Bromomethane	74-83-9	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	Chloromethane	74-87-3	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	2-Butanone	78-93-3	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	Methylene Chloride	75-09-2	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	Tetrachloroethene	127-18-4	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	Styrene	100-42-5	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	Total Xylenes	1330-20-7	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	Tetrahydrofuran	109-99-9	< 4.0	n/a	ug/Kg	04/25/06			U

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20060303
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	Toluene-d8 Surr	2037-26-5	95.550	95.600	% Recov	04/25/06	80.000	126.000	
BLANK	Toluene	108 88-3	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	trans-1,3 Dichloropropene	10061-02 6	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	Trichlorofluoromethane	75-69-4	< 2.0	n/a	ug/Kg	04/25/06	0.000	5.000	U
BLANK	Trichloroethene	79-01-6	< 2.0	n/a	ug/Kg	04/25/06			U
BLANK	Vinyl Chloride	75 01-4	< 2.0	n/a	ug/Kg	04/25/06			U
LCS	1,1-Dichloroethene	75-35-4	46.280	92.600	% Recov	04/25/06	70.000	130.000	
LCS	Benzene	71-43-2	46.660	93.300	% Recov	04/25/06	70.000	130.000	
LCS	4-Bromofluorobenzene Surr	460 00 4	89.300	89.300	% Recov	04/25/06	71.000	125.000	
LCS	Chlorobenzene	108-90-7	48.400	96.800	% Recov	04/25/06	70.000	130.000	
LCS	1,2-Dichloroethane-d4 Surr	17060-07-0	93.330	93.300	% Recov	04/25/06	80.000	134.000	
LCS	Toluene-d8 Surr	2037-26-5	95.020	95.000	% Recov	04/25/06	80.000	126.000	
LCS	Toluene	108-88-3	45.620	91.200	% Recov	04/25/06	70.000	130.000	
LCS	Trichloroethene	79-01-6	45.020	90.000	% Recov	04/25/06	70.000	130.000	

w13qlog v1 21-jun-2006 10:02:20

W13q Worklist/Batch/QC Report for Group# 20060303

WL#	S#	Batch	QC#	Tray Type	Sample#	Test
				SAMPLE	W060000742	Percent Solids
				SAMPLE	W060000746	Percent Solids
28460	1	28834	32667	BLANK		TC99 by Liquid Scin.
28460	4	28834	32667	LCS		TC99 by Liquid Scin.
28460	3	28834	32667	DUP	W060000734	TC99 by Liquid Scin.
28460	2	28834	32667	MS	W060000734	TC99 by Liquid Scin.
28460	6	28834	32667	SAMPLE	W060000742	TC99 by Liquid Scin.
28460	7	28834	32667	SAMPLE	W060000746	TC99 by Liquid Scin.
28430	1	28803	32685	BLANK		Gamma Energy Analysis-grd H2O
28430	2	28803	32685	LCS		Gamma Energy Analysis-grd H2O
28430	3	28803	32685	DUP	W060000735	Gamma Energy Analysis-grd H2O
28430	7	28803	32685	SAMPLE	W060000742	Gamma Energy Analysis-grd H2O
28430	8	28803	32685	SAMPLE	W060000746	Gamma Energy Analysis-grd H2O
28451	1	28824	32694	BLANK		Strontium 89/90
28451	2	28824	32694	LCS		Strontium 89/90
28451	3	28824	32694	DUP	W060000735	Strontium 89/90
28451	7	28824	32694	SAMPLE	W060000742	Strontium 89/90
28451	8	28824	32694	SAMPLE	W060000746	Strontium 89/90
28487	2	28859	32697	BLANK		Anions by Ion Chromatography
28487	12	28859	32697	BLANK		Anions by Ion Chromatography
28487	3	28859	32697	LCS		Anions by Ion Chromatography
28487	5	28859	32697	DUP	W060000735	Anions by Ion Chromatography
28487	6	28859	32697	MS	W060000735	Anions by Ion Chromatography
28487	7	28859	32697	MSD	W060000735	Anions by Ion Chromatography
28487	10	28859	32697	SAMPLE	W060000742	Anions by Ion Chromatography
28487	11	28859	32697	SAMPLE	W060000746	Anions by Ion Chromatography
28497	1	28869	32699	BLANK		ICP-2008 MS All possible metal
28497	2	28869	32699	LCS		ICP-2008 MS All possible metal
28497	3	28869	32699	SAMPLE	W060000742	ICP-2008 MS All possible metal
28497	4	28869	32699	SAMPLE	W060000746	ICP-2008 MS All possible metal
28484	1	28856	32708	BLANK		Neptunium by AEA
28484	2	28856	32708	LCS		Neptunium by AEA
28484	3	28856	32708	SAMPLE	W060000742	Neptunium by AEA
28484	4	28856	32708	SAMPLE	W060000746	Neptunium by AEA
28494	1	28866	32713	BLANK		Uranium Isotopics by AEA
28494	2	28866	32713	LCS		Uranium Isotopics by AEA
28494	3	28866	32713	SAMPLE	W060000742	Uranium Isotopics by AEA
28494	4	28866	32713	SAMPLE	W060000746	Uranium Isotopics by AEA
28492	1	28864	32714	BLANK		Plutonium Isotopics by AEA
28492	2	28864	32714	LCS		Plutonium Isotopics by AEA
28492	3	28864	32714	SAMPLE	W060000742	Plutonium Isotopics by AEA
28492	4	28864	32714	SAMPLE	W060000746	Plutonium Isotopics by AEA
28493	1	28865	32715	BLANK		Americium by AEA
28493	2	28865	32715	LCS		Americium by AEA
28493	3	28865	32715	SAMPLE	W060000742	Americium by AEA

28493	4	28865	32715	SAMPLE	W060000746	Americium by AEA
			32721	BLANK		SW-846 8270C Semi-Vols
			32721	LCS		SW-846 8270C Semi-Vols
			32721	LCS-DUP		SW-846 8270C Semi-Vols
			32721	MS	W060000735	SW-846 8270C Semi-Vols
			32721	MSD	W060000735	SW-846 8270C Semi-Vols
			32721	SPK-RPD	W060000735	SW-846 8270C Semi-Vols
			32721	SAMPLE	W060000742	SW-846 8270C Semi-Vols
			32721	SURR	W060000742	SW-846 8270C Semi-Vols
			32721	SAMPLE	W060000746	SW-846 8270C Semi-Vols
			32721	SURR	W060000746	SW-846 8270C Semi-Vols
			32722	BLANK		WTPH-D TPH Diesel Range (Wa)
			32722	LCS		WTPH-D TPH Diesel Range (Wa)
			32722	MS	W060000735	WTPH-D TPH Diesel Range (Wa)
			32722	MSD	W060000735	WTPH-D TPH Diesel Range (Wa)
			32722	SPK-RPD	W060000735	WTPH-D TPH Diesel Range (Wa)
			32722	SAMPLE	W060000742	WTPH-D TPH Diesel Range (Wa)
			32722	SURR	W060000742	WTPH-D TPH Diesel Range (Wa)
			32722	SAMPLE	W060000746	WTPH-D TPH Diesel Range (Wa)
			32722	SURR	W060000746	WTPH-D TPH Diesel Range (Wa)
28495	1	28867	32723	BLANK		ICP Metals Analysis, Grd H20 P
28495	2	28867	32723	LCS		ICP Metals Analysis, Grd H20 P
28495	4	28867	32723	DUP	W060000742	ICP Metals Analysis, Grd H20 P
28495	3	28867	32723	SAMPLE	W060000742	ICP Metals Analysis, Grd H20 P
28495	5	28867	32723	SAMPLE	W060000746	ICP Metals Analysis, Grd H20 P
			32724	BLANK		VOA Ground Water Protection
			32724	LCS		VOA Ground Water Protection
			32724	SAMPLE	W060000743	VOA Ground Water Protection
			32724	SURR	W060000743	VOA Ground Water Protection
			32724	SAMPLE	W060000744	VOA Ground Water Protection
			32724	SURR	W060000744	VOA Ground Water Protection
			32724	MS	W060000745	VOA Ground Water Protection
			32724	MSD	W060000745	VOA Ground Water Protection
			32724	SAMPLE	W060000745	VOA Ground Water Protection
			32724	SPK-RPD	W060000745	VOA Ground Water Protection
			32724	SURR	W060000745	VOA Ground Water Protection
			32724	SAMPLE	W060000747	VOA Ground Water Protection
			32724	SURR	W060000747	VOA Ground Water Protection

M8141-SLF-06-163

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

File
04/27/06

ACKNOWLEDGMENT OF SAMPLES RECEIVED

PROJECT HANFORD MANAGEMENT COMPANY
Customer Code: PHMC-MISC
RICHLAND, WA 99354 PO#: 121600/ES30
Attn: DL KLAGES Group#: 20060303

The following samples were received from you on 04/12/06. 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
W060000742	B1J2T3	KLAGES	Solid, or handle as if solid	04/11/06
		@2008 @AEA-30 @AEA-31 @AEA-32 @AEA-33		
		@GEA-GPP @GPP6010 @IC-30 @SR89_90 @SVOCGPP @TC99		
		@TPHD-WA PERSOLID		
W060000743	B1J2T6	KLAGES	Solid, or handle as if solid	04/11/06
		@VOA-GPP		
W060000744	B1J2T7	KLAGES	Solid, or handle as if solid	04/11/06
		@VOA-GPP		
W060000745	B1J2T8	KLAGES	Solid, or handle as if solid	04/11/06
		@VOA-GPP		
W060000746	B1J373	KLAGES	Solid, or handle as if solid	04/11/06
		@2008 @AEA-30 @AEA-31 @AEA-32 @AEA-33		
		@GEA-GPP @GPP6010 @IC-30 @SR89_90 @SVOCGPP @TC99		
		@TPHD-WA PERSOLID		
W060000747	B1J374	KLAGES	Solid, or handle as if solid	04/11/06
		@VOA-GPP		

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 H20 P
@IC-30	Anions by Ion Chromatography
@SR89_90	Strontium 89/90
@SVOCGPP	SW-846 8270C Semi-Vols
@TC99-30	TC99 by Liquid Scin.
@TPHD-WA	WTPH-D TPH Diesel Range (Wa)
@VOA-GPP	VOA Ground Water Protection

PROJECT HANFORD MANAGEMENT COMPANY

Customer Code: PHMC-MISC

RICHLAND, WA 99354

PO#: 121600/ES30

Attn: DL KLAGES

Group#: 20060303

Test Acronym Description

Test Acronym	Description
PERSOLID	Percent Solids

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	R06-013-008	PAGE 1 OF 7

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8C	DATA TURNAROUND
HOGAN, JG 04/27/06	KLAGES, DL	373-6312	TRECHTER, JE	AIR QUALITY ☐	15 Days / 15 Days
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**		
U-8 Trench	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**		
TJ-9	DTS-SAWS-H99	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 20060303

POSSIBLE SAMPLE HAZARDS/ REMARKS SAMPLES B1J2T3, 2T6 AN 2T7 ARE RADIOACTIVE

SAMPLE NO.	LAB ID	MATRIX*	SAMPLE DATE	SAMPLE TIME	NO./TYPE CONTAINER(S)	ANALYSIS	PRESERVATION
B1J2T3	W06000742	S	04-11-06	1230	1X60mL aG	SEE ITEM (1) IN SPECIAL INSTRUCTIONS Semi-VOA 20.6 gr	Cool 4C
B1J2T3		S	↓	↓	1X60mL G	TPH-Diesel Range - WTPH-D {TPHKEROSEN} 20.8 gr	Cool 4C
B1J2T3		S			1X500mL Square Bottle - Poly	SEE ITEM (2) IN SPECIAL INSTRUCTIONS GFA 562 gr	None
B1J2T3		S			1X60mL G/P	Isotopic Plutonium {Pu-238, Pu-239/240} Isotopic Uranium {U-233/234, U-235, U-238} Americium-241 {Am-241} 21.0 gr	None
B1J2T3		S			1X60mL G/P	Strontium-89,90 -- Sr-90 {Sr-90} 23.0 gr	None
B1J2T3		S			1X60mL G/P	Technetium-99 {Tc-99} 20.6 gr	None
B1J2T3		S			1X60mL G/P	Neptunium-237 {Np-237} 20.5 gr	None

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	SEE PAGE 2 FOR ALL SPECIAL INSTRUCTIONS
DUPATEK J. G. HOGAN J G Hogan	1335 APR 12 2006	TA FRAZIER	1335 4/12/06	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

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

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			R06-013-008	PAGE 2 OF 7
COLLECTOR HOGAN, JG	**COMPANY CONTACT** KLAGES, DL	**TELEPHONE NO.** 373-6312	**PROJECT COORDINATOR** TRECHTER, JE	**PRICE CODE** 8C	**DATA TURNAROUND**
SAMPLING LOCATION U-8 Trench	**PROJECT DESIGNATION** 200-UW-1 Operable Unit, Soil from Trench between 216-U-8 and 216-U-12		**SAF NO.** R06-013	**AIR QUALITY** ☐	**15 Days**
ICE CHEST NO. TJ-9	**FIELD LOGBOOK NO.** DTS-SAWS-H99	**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		

SPECIAL INSTRUCTIONS

Reporting format the same as GPP, including QC. All samples have been taken using the multiple-increment sampling program. This requires the entire sample provided in each bottle to be used in analysis.
(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, BENZOPY, BIS2CHE, BIS2CHM, BIS2EPH, BNZKFLU, BROPHEN, BUTBENP, CHLANIL, CHLCRES, CHLNAPH, CHLPHEN, CHRYSENE, DIBAHAN, DIBENFR, DIBPHTH, DICHBEN, DIEPHTH, DIMPHTH, DINPHEN, DIOPHTH, DIPRNIT, FLUORAN, FLUORENE, HEXCBEN, HEXCBUT, HEXCCYC, HEXCETH, INDENOP, ISOPHORONE, NAPHTHA, NITBENZ, NITPHENOL, NITRANILIN, NNDIPHA, PENTCHP, PHENANT, PHENOL, PYRENE, TRICHLB}
(2)Gamma Spec - Add-on {Ac-228, Ba-133, Ce-144, Ce/Pr-144, Cm-244, Cs-134, K-40, Nb-94, Ra-228, Ru-103, Sb-125, Sn-113, Sn-125, Sn-126, Th-228, Th-232, U-235, U-238, Zn-65} Gamma Spectroscopy {Am-241, Co-58, Co-60, Cs-137, Eu-152, Eu-154, Eu-155, Fe-59, Ra-226, Ru-106}

A-6001-774

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	R06-013-008	PAGE 3 OF 7

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8C	DATA TURNAROUND
HOGAN, JG	KLAGES, DL	373-6312	TRECHTER, JE	AIR QUALITY ☐	15 Days / 15 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.
U-8 Trench	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
TJ-9	DTS-SAWS-H99	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: SEE Pg 1

SAMPLE NO.	LAB ID	MATRIX*	SAMPLE DATE	SAMPLE TIME	NO./TYPE CONTAINER(S)	ANALYSIS	PRESERVATION
B1J2T3		S	04-11-06	1230	1X60mL G/P	IC Anions - 300.0 {BROMIDE, CHLORIDE, FLUORIDE, NO2-N, NO3-N, PO4-P, SULFATE} 20.8 gr	None
B1J2T3		S			1X60mL G/P	ICP Metals - 6010A (Add-on) {~~B, Bi, La, Li, Sl, Sm, Ti~~} ICP Metals - 6010A (TAL) {~~Al, Ca, Fe, K, Mg, Na~~} 20.6 gr	Cool 4C
B1J2T3		S			1X60mL G/P	SEE ITEM (3) IN SPECIAL INSTRUCTIONS 2008 20.5 gr	None
B1J2T6	743	S		1235	1X40mL G	SEE ITEM (4) IN SPECIAL INSTRUCTIONS VOA	Cool 4C
B1J2T7	744	S		1238	1X40mL G	SEE ITEM (4) IN SPECIAL INSTRUCTIONS	Cool 4C
B1J2T8	745	S		0810	1X40mL G	SEE ITEM (4) IN SPECIAL INSTRUCTIONS	Cool 4C
B1J373	746	S		1140	1X60mL aG	SEE ITEM (1) IN SPECIAL INSTRUCTIONS 5 VOA 23.9 gr	Cool 4C

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	SEE PAGE 4 FOR ALL SPECIAL INSTRUCTIONS
DURATEK J. G. HOGAN	1335 APR 12 2006	TA FRAZIER	1335 4/12/06	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

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

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		R06-013-008	PAGE 4 OF 7
COLLECTOR HOGAN, JG	**COMPANY CONTACT** KLAGES, DL	**TELEPHONE NO.** 373-6312	**PROJECT COORDINATOR** TRECHTER, JE	**PRICE CODE** 8C **AIR QUALITY** ☐	**DATA TURNAROUND** 15 Days
SAMPLING LOCATION U-8 Trench	**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. TJ-9	**FIELD LOGBOOK NO.** DTS-SAWS-H99	**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		

SPECIAL INSTRUCTIONS

Reporting format the same as GPP, including QC. All samples have been taken using the multiple-increment sampling program. This requires the entire sample provided in each bottle to be used in analysis.
(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, BENZOPY, BIS2CHE, BIS2CHM, BIS2EPH, BNZKFLU, BROPHEN, BUTBENP, CHLANIL, CHLCRES, CHLNAPH, CHLPHEN, CHRYSENE, DIBAHAN, DIBENFR, DIBPHTH, DICHBEN, DIEPHTH, DIMPHTH, DINPHEN, DIOPHTH, DIPRNIT, FLUORAN, FLUORENE, HEXCBEN, HEXCBUT, HEXCCYC, HEXCETH, INDENOP, ISOPHORONE, NAPHTHA, NITBENZ, NITPHENOL, NITRANILIN, NNDIPHA, PENTCHP, PHENANT, PHENOL, PYRENE, TRICHLB}
(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}
(4)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, STYRENE, TOLUENE, TRANS13, TRICELN, VINYIDE, XYLENES}

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Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	R06-013-008	PAGE 5 OF 7

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8C	DATA TURNAROUND
HOGAN, JG	KLAGES, DL	373-6312	TRECHTER, JE	AIR QUALITY ☐	15 Days / 15 Days
SAMPLING LOCATION	**PROJECT DESIGNATION**		**SAF NO.**		
U-8 Trench	200-UW-1 Operable Unit, Soil from Trench between 216-U-8 and 216-U-12		R06-013		
ICE CHEST NO. TJ-9	**FIELD LOGBOOK NO.** DTS-SAWS-H99	**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

POSSIBLE SAMPLE HAZARDS/ REMARKS SEE PG 1

SAMPLE NO.	LAB ID	MATRIX*	SAMPLE DATE	SAMPLE TIME	NO./TYPE CONTAINER(S)	ANALYSIS	PRESERVATION
B1J373		S	04-11-06	1140	1X60mL G	TPH-Diesel Range - WTPH-D {TPHKEROSEN} 23.3 gr	Cool 4C
B1J373		S			1X500mL Square Bottle - Poly	SEE ITEM (2) IN SPECIAL INSTRUCTIONS 769 gr	None
B1J373		S			1X60mL G/P	Isotopic Plutonium {Pu-238, Pu-239/240} Isotopic Uranium {U-233/234, U-235, U-238} Americium-241 {Am-241} 23.9 gr	None
B1J373		S			1X60mL G/P	Strontium-89,90 -- Sr-90 {Sr-90} 23.3 gr	None
B1J373		S			1X60mL G/P	Technetium-99 {Tc-99} 23.6 gr	None
B1J373		S			1X60mL G/P	Neptunium-237 {Np-237} 23.7 gr	None
B1J373		S			1X60mL G/P	IC Anions - 300.0 {BROMIDE, CHLORIDE, FLUORIDE, NO2-N, NO3-N, PO4-P, SULFATE} 25.0 gr	None

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
DURATEK J. G. HOGAN	1335 APR 12 2006	TA FRAZIER	1335 4/12/06

SPECIAL INSTRUCTIONS

Reporting format the same as GPP, including QC. All samples have been taken using the multiple-increment sampling program. This requires the entire sample provided in each bottle to be used in analysis.
(2)Gamma Spec - Add-on {Ac-228, Ba-133, Ce-144, Ce/Pr-144, Cm-244, Cs-134, K-40, Nb-94, Ra-228, Ru-103, Sb-125, Sn-113, Sn-125, Sn-126, Th-228, Th-232, U-235, U-238, Zn-65} Gamma Spectroscopy {Am-241, Co-58, Co-60, Cs-137, Eu-152, Eu-154, Eu-155, Fe-59, Ra-226, Ru-106}

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	R06-013-008	PAGE 6 OF 7

COLLECTOR	COMPANY CONTACT	TELEPHONE NO.	PROJECT COORDINATOR	PRICE CODE 8C	DATA TURNAROUND
HOGAN, JG	KLAGES, DL	373-6312	TRECHTER, JE	AIR QUALITY ☐	15 Days / 15 Days

SAMPLING LOCATION	PROJECT DESIGNATION	SAF NO.
U-8 Trench	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
TJ-9	DTS-SAWS-H99	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: SEE PG 1

SAMPLE NO.	LAB ID	MATRIX*	SAMPLE DATE	SAMPLE TIME	NO./TYPE CONTAINER(S)	ANALYSIS	PRESERVATION
B1J373		S	04-11-06	1140	1X60mL G/P	ICP Metals - 6010A (Add-on) {B, Bi, La, Li, Si, Sm, Ti} ICP Metals - 6010A (TAL) {Al, Ca, Fe, K, Mg, Na} 23.6 gr	Cool 4C
B1J373		S	↓	↓	1X60mL G/P	SEE ITEM (3) IN SPECIAL INSTRUCTIONS 23.5 gr	None
B1J374	747	S			1X40mL G	SEE ITEM (4) IN SPECIAL INSTRUCTIONS	Cool 4C

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	SEE PAGE 7 FOR ALL SPECIAL INSTRUCTIONS
DURATEK J. G. HOGAN	1335 APR 12 2006	TA FRAZIER	1335 4/12/06	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

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

Fluor Hanford Inc.	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST		R06-013-008	PAGE 7 OF 7
COLLECTOR HOGAN, JG	**COMPANY CONTACT** KLAGES, DL	**TELEPHONE NO.** 373-6312	**PROJECT COORDINATOR** TRECHTER, JE	**PRICE CODE** 8C **DATA TURNAROUND**
SAMPLING LOCATION U 8 Trench	**PROJECT DESIGNATION** 200-UW-1 Operable Unit, Soil from Trench between 216-U-8 and 216-U-12		**SAF NO.** R06-013	**AIR QUALITY** ☐ **15 Days**
ICE CHEST NO. TJ-9	**FIELD LOGBOOK NO.** DTS-SAWS-H99	**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	

SPECIAL INSTRUCTIONS

Reporting format the same as GPP, including QC. All samples have been taken using the multiple-increment sampling program. This requires the entire sample provided in each bottle to be used in analysis.
(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}
(4)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, STYRENE, TOLUENE, TRANS13, TRICELN, VINYIDE, XYLENES}

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