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FLUOR

Memorandum

T4180-03-SLF-031

To:	S. J. Trent		Date:	September 15, 2003
From:	S. L. Fitzgerald, Manager WSCF Analytical Services		Telephone:	373-7495
	W/Attachments		W/O Attachments	
cc:	T. F. Dale	S3-28	D. M. Thornton	S3-30
	S. L. Fitzgerald	S3-30	D. Hart	S3-30
	H. K. Meznarich	S3-30	L. C. Swanson	E6-35
	J. E. Trechter	S3-30	File/LB	
	M. Neely	S3-30		

Subject: FINAL RESULTS MODU TANK- ANNUAL SAMPLING OF PURGEWATER – SAMPLE DELIVERY GROUP WSCF20031007 - SAF NUMBER F02-009

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

(2) HNF-SD-CD-QAPP-017, Rev. 5, Waste Sampling and Characterization Facility Quality Assurance Plan

This letter contains a narrative (Attachment 1) for the sample delivery group (WSCF20031007), the analytical results (Attachment 2) and the sample receipt information (Attachment 3).

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Attachments 3

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T4180-03-SLF-031

ATTACHMENT 1

NARRATIVE

Consisting of 2 pages
Cover page not included

Sample Delivery Group	**WSCF20031007**
Sample Matrix	**Liquid**
Sample Visual	**Clear**
SAF Number	**F02-009**
Data Deliverable	**Summary Report**

Introduction

Six (6) water samples (B17B00, B17B01, B17B02, B17B03, B17B04, and B179Y9) from the GPP were received at the WSCF Laboratory on July 29, 2003. The sample was analyzed for those analytes indicated on the attached copy of the chain of custody (COC) form in accordance with the *Groundwater Protection Program- Letter of Instruction*, referenced in the cover letter.

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

Analytical Methodology for Requested Analyses

- ICP-MS Metals by EPA Method 200.8 and ICP-AES Metals by EPA SW-846 Method 6010A. Analytical work was performed with no deviations to the approved method.
- VOA's by EPA SW-846 Method 8260A. Analytical work was performed with no deviations to the approved method.
- Semi-VOA's by EPA SW-846 Method 8270B. Analytical work was performed with no deviations to the approved method.
- All RadChem analyses (AB, H3, AEA, GEA) were run by internal WDOE accredited WSCF procedures. Analytical work was performed with no deviations to the approved method

Comments

ICP-MS and ICP-AES Metals – The hold time(s) for these analyses was met. A Laboratory Control Sample, Matrix Spike and Matrix Spiked Duplicate were analyzed with each delivery group per the GPP Letter of Instruction. See page(s) 2-56, 2-57, 2-58, 2-59 and 2-60 for QC details. The AES metals were determined by the approved GPP Method 6010 TAL. See page(s) 3-4 for details.

VOA's – The hold time(s) for this analysis was met. A Laboratory Control Sample, Matrix Spike and Matrix Spiked Duplicate were analyzed with each delivery group per the GPP Letter of Instruction. See page(s) 2-51, 2-52, 2-53, 2-54 and 2-55 for QC details. Compounds listed on the tentatively identified peak report with an "N" qualifier have been identified with the program used to interpret the raw data.

Semi-VOA's – The hold time(s) for this analysis was met. A Laboratory Control Sample, Matrix Spike and Matrix Spiked Duplicate were analyzed with each delivery group per the GPP Letter of Instruction. See page(s) 2-42, 2-43, 2-44, 2-45, 2-46, 2-47 and 2-48 for QC details. Compounds listed on the tentatively identified peak report with an "N" qualifier have been identified with the program used to interpret the raw data.

RadChem – There are no hold times associated with these WDOE accredited methods. Except for GEA, a Laboratory Control Sample and Duplicate were analyzed with each delivery group per the GPP Letter of Instruction. See page(s) 2-40, 2-41, 2-49 and 2-50 for QC details.

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.

Troy Dale
WSCF Production Control

Abbreviations

Am – americium
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
Tc-99 – Technetium-99
Hg – mercury
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

T4180-03-SLF-031

ATTACHMENT 2

ANALYTICAL RESULTS

Consisting of 60 pages
Cover page not included

WSCF
ANALYTICAL RESULTS REPORT

for

Ground Water Protection Program

Richland, WA 99352

Attention: Steve Trent

Analytical: _____

Client Services: _____

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

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

Contract#: F02-009
Report#: WSCF20031007
Report Date: 10-sep-2003
Report WGPP/ver. 1
Ground Water Protection Program

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ		Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000644	B179Y9	GPP	TRENT	14596-10-2	Americium-241		LA-508-471	U		0.0590	pCi/L	1.00	0.16	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	E,T,C	Am-241 by AEA Total Cntg Error		LA-508-471		+-	0.0940	pCi/L	1.00	0.0	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	12587-46-1	Gross alpha		LA-508-415	U		0.370	pCi/L	1.00	1.0	08/12/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	E,T,C	Gross Alpha Method Error		LA-508-415		+-	0.629	pCi/L	1.00	0.0	08/12/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	12587-47-2	Gross beta		LA-508-415	U		0.390	pCi/L	1.00	0.98	08/12/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	E,T,C	Gross Beta Method Error		LA-508-415		+-	0.589	pCi/L	1.00	0.0	08/12/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	7429-90-5	Aluminum		LA-505-411	U	<	50.0	ug/L	1.00	50	08/21/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	7439-89-6	Iron		LA-505-411	U	<	31.0	ug/L	1.00	31	08/21/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	7439-95-4	Magnesium		LA-505-411	U	<	37.0	ug/L	1.00	37	08/21/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	7439-96-5	Manganese		LA-505-411	U	<	2.70	ug/L	1.00	2.7	08/21/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	7440-02-0	Nickel		LA-505-411	U	<	7.10	ug/L	1.00	7.1	08/21/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	7440-09-7	Potassium		LA-505-411	U	<	178	ug/L	1.00	1.8e+02	08/21/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	7440-22-4	Silver		LA-505-411	U	<	3.50	ug/L	1.00	3.5	08/21/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	7440-23-5	Sodium		LA-505-411	U	<	29.0	ug/L	1.00	29	08/21/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	7440-36-0	Antimony		LA-505-411	U	<	45.0	ug/L	1.00	45	08/21/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	7440-39-3	Barium		LA-505-411	U	<	2.80	ug/L	1.00	2.8	08/21/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	7440-43-9	Cadmium		LA-505-411	U	<	2.30	ug/L	1.00	2.3	08/21/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	7440-47-3	Chromium		LA-505-411	U	<	7.30	ug/L	1.00	7.3	08/21/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	7440-48-4	Cobalt		LA-505-411	U	<	1.80	ug/L	1.00	1.8	08/21/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	7440-50-8	Copper		LA-505-411	U	<	4.80	ug/L	1.00	4.8	08/21/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	7440-62-2	Vanadium		LA-505-411	U	<	7.30	ug/L	1.00	7.3	08/21/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	7440-66-6	Zinc		LA-505-411	U	<	6.90	ug/L	1.00	6.9	08/21/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	7440-70-2	Calcium		LA-505-411	U	<	2.50	ug/L	1.00	2.5	08/21/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	7439-97-6	Mercury		LA-505-412	U	<	1.00	ug/L	10.00	1.0	08/27/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	13981-16-3	Plutonium-238		LA-508-471	U		0.0600	pCi/L	1.00	0.11	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	E,T,C	Pu-238 by AEA Total Cntg Error		LA-508-471		+-	0.0720	pCi/L	1.00	0.0	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	PU-239/240	Pu-239/240 by AEA		LA-508-471			0.0400	pCi/L	1.00	0.014	08/11/03	07/29/03	07/29/03

MDL=Minimum Detection Limit J - Estimated Value U - Analyzed for but not detected above limiting criteria.
RQ=Result Qualifier

DF=Dilution Factor

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

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000644	B179Y9	GPP	TRENT	E.T.C	Pu-239/240 AEA Total Cntg Err		LA-508-471		+- 0.0300	pCi/L	1.00	0.0	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	100-02-7	4-Nitrophenol		LA-523-456	U	< 1.60	ug/L	1.00	1.6	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	106-46-7	1,4-Dichlorobenzene		LA-523-456	U	< 5.80	ug/L	1.00	5.8	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	108-95-2	Phenol		LA-523-456	U	< 2.00	ug/L	1.00	2.0	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	120-82-1	1,2,4-Trichlorobenzene		LA-523-456	U	< 3.50	ug/L	1.00	3.5	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	121-14-2	2,4-Dinitrotoluene		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	129-00-0	Pyrene		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	59-50-7	4-Chloro-3-methylphenol		LA-523-456	U	< 1.50	ug/L	1.00	1.5	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	621-64-7	N-Nitrosodi-n-dipropylamine		LA-523-456	U	< 2.00	ug/L	1.00	2.0	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	83-32-9	Acenaphthene		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	87-86-5	Pentachlorophenol		LA-523-456	U	< 2.00	ug/L	1.00	2.0	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	95-57-8	2-Chlorophenol		LA-523-456	U	< 2.00	ug/L	1.00	2.0	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	100-01-6	4-Nitroaniline		LA-523-456	U	< 3.40	ug/L	1.00	3.4	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	101-55-3	4-Bromophenylphenyl ether		LA-523-456	U	< 2.20	ug/L	1.00	2.2	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	105-67-9	2,4-Dimethylphenol		LA-523-456	U	< 5.00	ug/L	1.00	5.0	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	106-47-8	4-Chloroaniline		LA-523-456	U	< 8.40	ug/L	1.00	8.4	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	108-60-1	Bis(2-chloro-1-methylethyl)eth		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	111-44-4	Bis(2-chloroethyl) ether		LA-523-456	U	< 4.00	ug/L	1.00	4.0	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	111-91-1	Bis(2-Chloroethoxy)methane		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	117-81-7	Bis(2-ethylhexyl) phthalate		LA-523-456	U	< 3.00	ug/L	1.00	3.0	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	117-84-0	Di-n-octylphthalate		LA-523-456	U	< 2.90	ug/L	1.00	2.9	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	118-74-1	Hexachlorobenzene		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	120-12-7	Anthracene		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	120-83-2	2,4-Dichlorophenol		LA-523-456	U	< 1.60	ug/L	1.00	1.6	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	131-11-3	Dimethyl phthalate		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	132-64-9	Dibenzofuran		LA-523-456	U	< 2.20	ug/L	1.00	2.2	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	191-24-2	Benzo(ghi)perylene		LA-523-456	U	< 2.90	ug/L	1.00	2.9	08/11/03	07/29/03	07/29/03

MDL=Minimum Detection Limit J - Estimated Value U - Analyzed for but not detected above limiting criteria.
RQ=Result Qualifier

DF=Dilution Factor

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

Report WGPP/ver. 1
Ground Water Protection Program

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000644	B179Y9	GPP	TRENT	193-39-5	Indeno(1,2,3-cd)pyrene		LA-523-456	U	< 3.00	ug/L	1.00	3.0	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	205-99-2	Benzo(b)fluoranthene		LA-523-456	U	< 2.00	ug/L	1.00	2.0	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	206-44-0	Fluoranthene		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	207-08-9	Benzo(k)fluoranthene		LA-523-456	U	< 3.30	ug/L	1.00	3.3	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	208-96-8	Acenaphthylene		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	218-01-9	Chrysene		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	50-32-8	Benzo(a)pyrene		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	51-28-5	2,4-Dinitrophenol		LA-523-456	U	< 3.80	ug/L	1.00	3.8	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	53-70-3	Dibenz(a,h)anthracene		LA-523-456	U	< 3.00	ug/L	1.00	3.0	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	534-52-1	4,6-Dinitro-2-methylphenol		LA-523-456	U	< 2.00	ug/L	1.00	2.0	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	541-73-1	1,3-Dichlorobenzene		LA-523-456	U	< 6.00	ug/L	1.00	6.0	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	56-55-3	Benzo(a)anthracene		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	606-20-2	2,6-Dinitrotoluene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	7005-72-3	4-Chlorophenylphenyl ether		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	77-47-4	Hexachlorocyclopentadiene		LA-523-456	U	< 9.10	ug/L	1.00	9.1	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	78-59-1	Isophorone		LA-523-456	U	< 2.20	ug/L	1.00	2.2	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	84-66-2	Diethylphthalate		LA-523-456	U	< 7.30	ug/L	1.00	7.3	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	84-74-2	Di-n-butylphthalate		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	85-01-8	Phenanthrene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	85-68-7	Butylbenzylphthalate		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	86-30-6	N-Nitrosodiphenylamine		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	86-73-7	Fluorene		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	86-74-8	Carbazole		LA-523-456	U	< 1.60	ug/L	1.00	1.6	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	87-68-3	Hexachlorobutadiene		LA-523-456	U	< 4.20	ug/L	1.00	4.2	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	88-74-4	2-Nitroaniline		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	88-75-5	2-Nitrophenol		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	91-20-3	Naphthalene		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000644	B179Y9	GPP	TRENT	91-57-6	2-Methylnaphthalene		LA-523-456	U	< 2.20	ug/L	1.00	2.2	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	91-58-7	2-Chloronaphthalene		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	91-94-1	3,3'-Dichlorobenzidine		LA-523-456	U	< 4.80	ug/L	1.00	4.8	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	95-48-7	2-Methylphenol (cresol, o-)		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	95-50-1	1,2-Dichlorobenzene		LA-523-456	U	< 4.90	ug/L	1.00	4.9	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	95-95-4	2,4,5-Trichlorophenol		LA-523-456	U	< 2.20	ug/L	1.00	2.2	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	98-95-3	Nitrobenzene		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	99-09-2	3-Nitroaniline		LA-523-456	U	< 5.20	ug/L	1.00	5.2	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	65794-96-9	3 & 4 Methylphenol Total		LA-523-456	U	< 3.70	ug/L	1.00	3.7	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	67-72-1	Hexachloroethane		LA-523-456	U	< 6.40	ug/L	1.00	6.4	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	88-06-2	2,4,6-Trichlorophenol		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	10028-17-8	Tritium		LA-508-421	U	-120	pCi/L	1.00	2.0e+02	08/12/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	E.T.C	H-3 Rel. % Count Error		LA-508-421		+- 120	pCi/L	1.00	0.0	08/12/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	75-35-4	1,1-Dichloroethene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	79-01-6	Trichloroethene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	71-43-2	Benzene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	108-88-3	Toluene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	108-90-7	Chlorobenzene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	75-34-3	1,1-Dichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	100-41-4	Ethylbenzene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	100-42-5	Styrene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	10061-01-5	cis-1,3-Dichloropropene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	10061-02-6	trans-1,3-Dichloropropene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	107-06-2	1,2-Dichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	108-10-1	4-Methyl-2-Pentanone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	124-48-1	Dibromochloromethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	127-18-4	Tetrachloroethene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000644	B179Y9	GPP	TRENT	1330-20-7	Xylenes (total)		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	540-59-0	1,2-Dichloroethene(Total)		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	56-23-5	Carbon tetrachloride		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	591-78-6	2-Hexanone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	67-64-1	Acetone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	67-66-3	Chloroform		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	71-55-6	1,1,1-Trichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	74-83-9	Bromomethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	79-34-5	1,1,2,2-Tetrachloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	74-87-3	Chloromethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	75-00-3	Chloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	75-01-4	Vinyl chloride		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	75-09-2	Methylenechloride		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	75-15-0	Carbon disulfide		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	75-25-2	Bromoform		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	75-27-4	Bromodichloromethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	78-87-5	1,2-Dichloropropane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	78-93-3	2-Butanone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000644	B179Y9	GPP	TRENT	79-00-5	1,1,2-Trichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	14596-10-2	Americium-241		LA-508-471	U	24.0	pCi/L	1.00	44	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	E,T,C	Am-241 by AEA Total Cntg Error		LA-508-471		+- 28.8	pCi/L	1.00	0.0	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	12587-46-1	Gross alpha		LA-508-415	U	170	pCi/L	1.00	1.9e+02	08/12/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	E,T,C	Gross Alpha Method Error		LA-508-415		+- 136	pCi/L	1.00	0.0	08/12/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	12587-47-2	Gross beta		LA-508-415		1.30e+04	pCi/L	1.00	1.2e+02	08/12/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	E,T,C	Gross Beta Method Error		LA-508-415		+- 1.30e+03	pCi/L	1.00	0.0	08/12/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	7429-90-5	Aluminum		LA-505-411	U	< 50.0	ug/L	1.00	50	08/21/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	7439-89-6	Iron		LA-505-411		156	ug/L	1.00	31	08/21/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000645	B17B00	GPP	TRENT	7439-95-4	Magnesium		LA-505-411		8.22e+04	ug/L	1.00	37	08/21/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	7439-96-5	Manganese		LA-505-411		68.0	ug/L	1.00	2.7	08/21/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	7440-02-0	Nickel		LA-505-411		256	ug/L	1.00	7.1	08/21/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	7440-09-7	Potassium		LA-505-411		7.33e+06	ug/L	1.00	1.8e+02	08/21/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	7440-22-4	Silver		LA-505-411	U	< 3.50	ug/L	1.00	3.5	08/21/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	7440-23-5	Sodium		LA-505-411		1.44e+06	ug/L	1.00	29	08/21/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	7440-36-0	Antimony		LA-505-411		93.6	ug/L	1.00	45	08/21/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	7440-39-3	Barium		LA-505-411		6.00	ug/L	1.00	2.8	08/21/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	7440-43-9	Cadmium		LA-505-411	U	< 2.30	ug/L	1.00	2.3	08/21/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	7440-47-3	Chromium		LA-505-411	U	< 7.30	ug/L	1.00	7.3	08/21/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	7440-48-4	Cobalt		LA-505-411		6.70	ug/L	1.00	1.8	08/21/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	7440-50-8	Copper		LA-505-411	U	< 4.80	ug/L	1.00	4.8	08/21/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	7440-62-2	Vanadium		LA-505-411	U	< 7.30	ug/L	1.00	7.3	08/21/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	7440-66-6	Zinc		LA-505-411		26.2	ug/L	1.00	6.9	08/21/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	7440-70-2	Calcium		LA-505-411		4.52e+03	ug/L	1.00	2.5	08/21/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	7439-97-6	Mercury		LA-505-412	U	< 5.00	ug/L	50.00	5.0	08/27/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	13981-16-3	Plutonium-238		LA-508-471	U	-20.0	pCi/L	1.00	50	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	E,T,C	Pu-238 by AEA Total Cntg Error		LA-508-471		+- 22.0	pCi/L	1.00	0.0	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	PU-239/240	Pu-239/240 by AEA		LA-508-471		11.0	pCi/L	1.00	6.1	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	E,T,C	Pu-239/240 AEA Total Cntg Err		LA-508-471		+- 10.2	pCi/L	1.00	0.0	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	100-02-7	4-Nitrophenol		LA-523-456	J	7.10	ug/L	1.00	1.7	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	106-46-7	1,4-Dichlorobenzene		LA-523-456	U	< 6.00	ug/L	1.00	6.0	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	108-95-2	Phenol		LA-523-456	J	9.30	ug/L	1.00	2.0	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	120-82-1	1,2,4-Trichlorobenzene		LA-523-456	U	< 3.60	ug/L	1.00	3.6	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	121-14-2	2,4-Dinitrotoluene		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	129-00-0	Pyrene		LA-523-456	U	< 2.50	ug/L	1.00	2.5	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	59-50-7	4-Chloro-3-methylphenol		LA-523-456	J	1.80	ug/L	1.00	1.5	08/11/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000645	B17B00	GPP	TRENT	621-64-7	N-Nitrosodi-n-dipropylamine		LA-523-456	U	< 2.00	ug/L	1.00	2.0	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	83-32-9	Acenaphthene		LA-523-456	U	< 2.90	ug/L	1.00	2.9	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	87-86-5	Pentachlorophenol		LA-523-456	J	6.10	ug/L	1.00	2.0	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	95-57-8	2-Chlorophenol		LA-523-456	U	< 2.00	ug/L	1.00	2.0	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	100-01-6	4-Nitroaniline		LA-523-456	U	< 3.50	ug/L	1.00	3.5	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	101-55-3	4-Bromophenylphenyl ether		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	105-67-9	2,4-Dimethylphenol		LA-523-456	U	< 5.10	ug/L	1.00	5.1	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	106-47-8	4-Chloroaniline		LA-523-456	U	< 8.60	ug/L	1.00	8.6	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	108-60-1	Bis(2-chloro-1-methylethyl)eth		LA-523-456	U	< 2.50	ug/L	1.00	2.5	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	111-44-4	Bis(2-chloroethyl) ether		LA-523-456	U	< 4.00	ug/L	1.00	4.0	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	111-91-1	Bis(2-Chloroethoxy)methane		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	117-81-7	Bis(2-ethylhexyl) phthalate		LA-523-456	U	< 3.10	ug/L	1.00	3.1	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	117-84-0	Di-n-octylphthalate		LA-523-456	U	< 3.00	ug/L	1.00	3.0	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	118-74-1	Hexachlorobenzene		LA-523-456	U	< 2.50	ug/L	1.00	2.5	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	120-12-7	Anthracene		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	120-83-2	2,4-Dichlorophenol		LA-523-456	U	< 1.70	ug/L	1.00	1.7	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	131-11-3	Dimethyl phthalate		LA-523-456	U	< 2.50	ug/L	1.00	2.5	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	132-64-9	Dibenzofuran		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	191-24-2	Benzo(ghi)perylene		LA-523-456	U	< 3.00	ug/L	1.00	3.0	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	193-39-5	Indeno(1,2,3-cd)pyrene		LA-523-456	U	< 3.10	ug/L	1.00	3.1	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	205-99-2	Benzo(b)fluoranthene		LA-523-456	U	< 2.00	ug/L	1.00	2.0	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	206-44-0	Fluoranthene		LA-523-456	U	< 2.50	ug/L	1.00	2.5	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	207-08-9	Benzo(k)fluoranthene		LA-523-456	U	< 3.30	ug/L	1.00	3.3	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	208-96-8	Acenaphthylene		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	218-01-9	Chrysene		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	50-32-8	Benzo(a)pyrene		LA-523-456	U	< 2.50	ug/L	1.00	2.5	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	51-28-5	2,4-Dinitrophenol		LA-523-456	U	< 3.90	ug/L	1.00	3.9	08/11/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000645	B17B00	GPP	TRENT	53-70-3	Dibenz[a,h]anthracene		LA-523-456	U	< 3.10	ug/L	1.00	3.1	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	534-52-1	4,6-Dinitro-2-methylphenol		LA-523-456	U	< 2.00	ug/L	1.00	2.0	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	541-73-1	1,3-Dichlorobenzene		LA-523-456	U	< 6.20	ug/L	1.00	6.2	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	56-55-3	Benzo(a)anthracene		LA-523-456	U	< 2.50	ug/L	1.00	2.5	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	606-20-2	2,6-Dinitrotoluene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	7005-72-3	4-Chlorophenylphenyl ether		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	77-47-4	Hexachlorocyclopentadiene		LA-523-456	U	< 9.30	ug/L	1.00	9.3	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	78-59-1	Isophorone		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	84-66-2	Diethylphthalate		LA-523-456	U	< 7.50	ug/L	1.00	7.5	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	84-74-2	Di-n-butylphthalate		LA-523-456	U	< 2.50	ug/L	1.00	2.5	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	85-01-8	Phenanthrene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	85-68-7	Butylbenzylphthalate		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	86-30-6	N-Nitrosodiphenylamine		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	86-73-7	Fluorene		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	86-74-8	Carbazole		LA-523-456	U	< 1.70	ug/L	1.00	1.7	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	87-68-3	Hexachlorobutadiene		LA-523-456	U	< 4.30	ug/L	1.00	4.3	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	88-74-4	2-Nitroaniline		LA-523-456	U	< 2.50	ug/L	1.00	2.5	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	88-75-5	2-Nitrophenol		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	91-20-3	Naphthalene		LA-523-456	U	< 2.90	ug/L	1.00	2.9	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	91-57-6	2-Methylnaphthalene		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	91-58-7	2-Chloronaphthalene		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	91-94-1	3,3'-Dichlorobenzidine		LA-523-456	U	< 4.90	ug/L	1.00	4.9	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	95-48-7	2-Methylphenol (cresol, o-)		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	95-50-1	1,2-Dichlorobenzene		LA-523-456	U	< 5.00	ug/L	1.00	5.0	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	95-95-4	2,4,5-Trichlorophenol		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	98-95-3	Nitrobenzene		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	99-09-2	3-Nitroaniline		LA-523-456	U	< 5.40	ug/L	1.00	5.4	08/11/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000645	B17B00	GPP	TRENT	65794-96-9	3 & 4 Methylphenol Total		LA-523-456	U	< 3.80	ug/L	1.00	3.8	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	67-72-1	Hexachloroethane		LA-523-456	U	< 6.50	ug/L	1.00	6.5	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	88-06-2	2,4,6-Trichlorophenol		LA-523-456	U	< 2.90	ug/L	1.00	2.9	08/11/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	10028-17-8	Tritium		LA-508-421		3.90e+03	pCi/L	1.00	2.0e+02	08/12/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	E.T.C	H-3 Rel. % Count Error		LA-508-421		+- 819	pCi/L	1.00	0.0	08/12/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	75-35-4	1,1-Dichloroethene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	79-01-6	Trichloroethene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	71-43-2	Benzene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	108-88-3	Toluene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	108-90-7	Chlorobenzene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	75-34-3	1,1-Dichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	100-41-4	Ethylbenzene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	100-42-5	Styrene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	10061-01-5	cis-1,3-Dichloropropene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	10061-02-6	trans-1,3-Dichloropropene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	107-06-2	1,2-Dichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	108-10-1	4-Methyl-2-Pentanone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	124-48-1	Dibromochloromethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	127-18-4	Tetrachloroethene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	1330-20-7	Xylenes (total)		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	540-59-0	1,2-Dichloroethene(Total)		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	56-23-5	Carbon tetrachloride		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	591-78-6	2-Hexanone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	67-64-1	Acetone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	67-66-3	Chloroform		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	71-55-6	1,1,1-Trichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	74-83-9	Bromomethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000645	B17B00	GPP	TRENT	79-34-5	1,1,2,2-Tetrachloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	74-87-3	Chloromethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	75-00-3	Chloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	75-01-4	Vinyl chloride		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	75-09-2	Methylenechloride		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	75-15-0	Carbon disulfide		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	75-25-2	Bromoform		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	75-27-4	Bromodichloromethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	78-87-5	1,2-Dichloropropane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	78-93-3	2-Butanone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000645	B17B00	GPP	TRENT	79-00-5	1,1,2-Trichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	14596-10-2	Americium-241		LA-508-471	U	32.0	pCi/L	1.00	47	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	E,T,C	Am-241 by AEA Total Cntg Error		LA-508-471		+- 30.4	pCi/L	1.00	0.0	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	12587-46-1	Gross alpha		LA-508-415	U	160	pCi/L	1.00	2.3e+02	08/12/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	E,T,C	Gross Alpha Method Error		LA-508-415		+- 147	pCi/L	1.00	0.0	08/12/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	12587-47-2	Gross beta		LA-508-415		1.20e+04	pCi/L	1.00	1.5e+02	08/12/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	E,T,C	Gross Beta Method Error		LA-508-415		+- 1.32e+03	pCi/L	1.00	0.0	08/12/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	7429-90-5	Aluminum		LA-505-411	U	< 50.0	ug/L	1.00	50	08/21/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	7439-89-6	Iron		LA-505-411		138	ug/L	1.00	31	08/21/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	7439-95-4	Magnesium		LA-505-411		8.65e+04	ug/L	1.00	37	08/21/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	7439-96-5	Manganese		LA-505-411		59.0	ug/L	1.00	2.7	08/21/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	7440-02-0	Nickel		LA-505-411		268	ug/L	1.00	7.1	08/21/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	7440-09-7	Potassium		LA-505-411		6.73e+06	ug/L	1.00	1.8e+02	08/21/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	7440-22-4	Silver		LA-505-411	U	< 3.50	ug/L	1.00	3.5	08/21/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	7440-23-5	Sodium		LA-505-411		1.38e+06	ug/L	1.00	29	08/21/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	7440-36-0	Antimony		LA-505-411		104	ug/L	1.00	45	08/21/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	7440-39-3	Barium		LA-505-411		4.00	ug/L	1.00	2.8	08/21/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000646	B17B01	GPP	TRENT	7440-43-9	Cadmium		LA-505-411	U	< 2.30	ug/L	1.00	2.3	08/21/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	7440-47-3	Chromium		LA-505-411	U	< 7.30	ug/L	1.00	7.3	08/21/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	7440-48-4	Cobalt		LA-505-411		6.60	ug/L	1.00	1.8	08/21/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	7440-50-8	Copper		LA-505-411	U	< 4.80	ug/L	1.00	4.8	08/21/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	7440-62-2	Vanadium		LA-505-411	U	< 7.30	ug/L	1.00	7.3	08/21/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	7440-66-6	Zinc		LA-505-411	U	< 6.90	ug/L	1.00	6.9	08/21/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	7440-70-2	Calcium		LA-505-411		3.71e+03	ug/L	1.00	2.5	08/21/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	7439-97-6	Mercury		LA-505-412	U	< 5.00	ug/L	50.00	5.0	08/27/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	13981-16-3	Plutonium-238		LA-508-471	U	-2.30	pCi/L	1.00	58	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	E,T,C	Pu-238 by AEA Total Cntg Error		LA-508-471		+- 23.0	pCi/L	1.00	0.0	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	PU-239/240	Pu-239/240 by AEA		LA-508-471	U	2.30	pCi/L	1.00	21	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	E,T,C	Pu-239/240 AEA Total Cntg Err		LA-508-471		+- 10.4	pCi/L	1.00	0.0	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	100-02-7	4-Nitrophenol		LA-523-456	U	< 1.70	ug/L	1.00	1.7	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	106-46-7	1,4-Dichlorobenzene		LA-523-456	U	< 6.10	ug/L	1.00	6.1	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	108-95-2	Phenol		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	120-82-1	1,2,4-Trichlorobenzene		LA-523-456	U	< 3.70	ug/L	1.00	3.7	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	121-14-2	2,4-Dinitrotoluene		LA-523-456	U	< 2.20	ug/L	1.00	2.2	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	129-00-0	Pyrene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	59-50-7	4-Chloro-3-methylphenol		LA-523-456	U	< 1.60	ug/L	1.00	1.6	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	621-64-7	N-Nitrosodi-n-dipropylamine		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	83-32-9	Acenaphthene		LA-523-456	U	< 2.90	ug/L	1.00	2.9	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	87-86-5	Pentachlorophenol		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	95-57-8	2-Chlorophenol		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	100-01-6	4-Nitroaniline		LA-523-456	U	< 3.50	ug/L	1.00	3.5	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	101-55-3	4-Bromophenylphenyl ether		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	105-67-9	2,4-Dimethylphenol		LA-523-456	U	< 5.20	ug/L	1.00	5.2	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	106-47-8	4-Chloroaniline		LA-523-456	U	< 8.80	ug/L	1.00	8.8	08/11/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000646	B17B01	GPP	TRENT	108-60-1	Bis(2-chloro-1-methylethyl)eth		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	111-44-4	Bis(2-chloroethyl) ether		LA-523-456	U	< 4.10	ug/L	1.00	4.1	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	111-91-1	Bis(2-Chloroethoxy)methane		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	117-81-7	Bis(2-ethylhexyl) phthalate		LA-523-456	U	< 3.20	ug/L	1.00	3.2	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	117-84-0	Di-n-octylphthalate		LA-523-456	U	< 3.00	ug/L	1.00	3.0	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	118-74-1	Hexachlorobenzene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	120-12-7	Anthracene		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	120-83-2	2,4-Dichlorophenol		LA-523-456	U	< 1.70	ug/L	1.00	1.7	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	131-11-3	Dimethyl phthalate		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	132-64-9	Dibenzofuran		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	191-24-2	Benzo(ghi)perylene		LA-523-456	U	< 3.00	ug/L	1.00	3.0	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	193-39-5	Indeno(1,2,3-cd)pyrene		LA-523-456	U	< 3.20	ug/L	1.00	3.2	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	205-99-2	Benzo(b)fluoranthene		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	206-44-0	Fluoranthene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	207-08-9	Benzo(k)fluoranthene		LA-523-456	U	< 3.40	ug/L	1.00	3.4	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	208-96-8	Acenaphthylene		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	218-01-9	Chrysene		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	50-32-8	Benzo(a)pyrene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	51-28-5	2,4-Dinitrophenol		LA-523-456	U	< 4.00	ug/L	1.00	4.0	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	53-70-3	Dibenz[a,h]anthracene		LA-523-456	U	< 3.20	ug/L	1.00	3.2	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	534-52-1	4,6-Dinitro-2-methylphenol		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	541-73-1	1,3-Dichlorobenzene		LA-523-456	U	< 6.30	ug/L	1.00	6.3	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	56-55-3	Benzo(a)anthracene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	606-20-2	2,6-Dinitrotoluene		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	7005-72-3	4-Chlorophenylphenyl ether		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	77-47-4	Hexachlorocyclopentadiene		LA-523-456	U	< 9.50	ug/L	1.00	9.5	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	78-59-1	Isophorone		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000646	B17B01	GPP	TRENT	84-66-2	Diethylphthalate		LA-523-456	U	< 7.70	ug/L	1.00	7.7	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	84-74-2	Di-n-butylphthalate		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	85-01-8	Phenanthrene		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	85-68-7	Butylbenzylphthalate		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	86-30-6	N-Nitrosodiphenylamine		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	86-73-7	Fluorene		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	86-74-8	Carbazole		LA-523-456	U	< 1.70	ug/L	1.00	1.7	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	87-68-3	Hexachlorobutadiene		LA-523-456	U	< 4.40	ug/L	1.00	4.4	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	88-74-4	2-Nitroaniline		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	88-75-5	2-Nitrophenol		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	91-20-3	Naphthalene		LA-523-456	U	< 2.90	ug/L	1.00	2.9	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	91-57-6	2-Methylnaphthalene		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	91-58-7	2-Chloronaphthalene		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	91-94-1	3,3'-Dichlorobenzidine		LA-523-456	U	< 5.00	ug/L	1.00	5.0	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	95-48-7	2-Methylphenol (cresol, o-)		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	95-50-1	1,2-Dichlorobenzene		LA-523-456	U	< 5.10	ug/L	1.00	5.1	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	95-95-4	2,4,5-Trichlorophenol		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	98-95-3	Nitrobenzene		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	99-09-2	3-Nitroaniline		LA-523-456	U	< 5.50	ug/L	1.00	5.5	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	65794-96-9	3 & 4 Methylphenol Total		LA-523-456	U	< 3.90	ug/L	1.00	3.9	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	67-72-1	Hexachloroethane		LA-523-456	U	< 6.70	ug/L	1.00	6.7	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	88-06-2	2,4,6-Trichlorophenol		LA-523-456	U	< 2.90	ug/L	1.00	2.9	08/11/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	10028-17-8	Tritium		LA-508-421		3.80e+03	pCi/L	1.00	2.0e+02	08/12/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	E,T,C	H-3 Rel. % Count Error		LA-508-421		+- 798	pCi/L	1.00	0.0	08/12/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	75-35-4	1,1-Dichloroethene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	79-01-6	Trichloroethene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	71-43-2	Benzene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000646	B17B01	GPP	TRENT	108-88-3	Toluene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	108-90-7	Chlorobenzene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	75-34-3	1,1-Dichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	100-41-4	Ethylbenzene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	100-42-5	Styrene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	10061-01-5	cis-1,3-Dichloropropene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	10061-02-6	trans-1,3-Dichloropropene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	107-06-2	1,2-Dichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	108-10-1	4-Methyl-2-Pentanone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	124-48-1	Dibromochloromethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	127-18-4	Tetrachloroethene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	1330-20-7	Xylenes (total)		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	540-59-0	1,2-Dichloroethene(Total)		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	56-23-5	Carbon tetrachloride		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	591-78-6	2-Hexanone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	67-64-1	Acetone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	67-66-3	Chloroform		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	71-55-6	1,1,1-Trichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	74-83-9	Bromomethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	79-34-5	1,1,2,2-Tetrachloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	74-87-3	Chloromethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	75-00-3	Chloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	75-01-4	Vinyl chloride		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	75-09-2	Methylenechloride		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	75-15-0	Carbon disulfide		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	75-25-2	Bromoform		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	75-27-4	Bromodichloromethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000646	B17B01	GPP	TRENT	78-87-5	1,2-Dichloropropane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	78-93-3	2-Butanone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000646	B17B01	GPP	TRENT	79-00-5	1,1,2-Trichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	14596-10-2	Americium-241		LA-508-471	U	46.0	pCi/L	1.00	66	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	E,T,C	Am-241 by AEA Total Cntg Error		LA-508-471		+- 42.8	pCi/L	1.00	0.0	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	12587-46-1	Gross alpha		LA-508-415	U	170	pCi/L	1.00	1.9e+02	08/12/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	E,T,C	Gross Alpha Method Error		LA-508-415		+- 136	pCi/L	1.00	0.0	08/12/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	12587-47-2	Gross beta		LA-508-415		1.30e+04	pCi/L	1.00	1.2e+02	08/12/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	E,T,C	Gross Beta Method Error		LA-508-415		+- 1.30e+03	pCi/L	1.00	0.0	08/12/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	7429-90-5	Aluminum		LA-505-411	U	< 50.0	ug/L	1.00	50	08/21/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	7439-89-6	Iron		LA-505-411		146	ug/L	1.00	31	08/21/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	7439-95-4	Magnesium		LA-505-411		8.93e+04	ug/L	1.00	37	08/21/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	7439-96-5	Manganese		LA-505-411		65.0	ug/L	1.00	2.7	08/21/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	7440-02-0	Nickel		LA-505-411		276	ug/L	1.00	7.1	08/21/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	7440-09-7	Potassium		LA-505-411		6.63e+06	ug/L	1.00	1.8e+02	08/21/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	7440-22-4	Silver		LA-505-411	U	< 3.50	ug/L	1.00	3.5	08/21/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	7440-23-5	Sodium		LA-505-411		1.38e+06	ug/L	1.00	29	08/21/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	7440-36-0	Antimony		LA-505-411		116	ug/L	1.00	45	08/21/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	7440-39-3	Barium		LA-505-411		4.00	ug/L	1.00	2.8	08/21/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	7440-43-9	Cadmium		LA-505-411	U	< 2.30	ug/L	1.00	2.3	08/21/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	7440-47-3	Chromium		LA-505-411	U	< 7.30	ug/L	1.00	7.3	08/21/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	7440-48-4	Cobalt		LA-505-411		5.70	ug/L	1.00	1.8	08/21/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	7440-50-8	Copper		LA-505-411	U	< 4.80	ug/L	1.00	4.8	08/21/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	7440-62-2	Vanadium		LA-505-411	U	< 7.30	ug/L	1.00	7.3	08/21/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	7440-66-6	Zinc		LA-505-411	U	< 6.90	ug/L	1.00	6.9	08/21/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	7440-70-2	Calcium		LA-505-411		3.87e+03	ug/L	1.00	2.5	08/21/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	7439-97-6	Mercury		LA-505-412	U	< 5.00	ug/L	50.00	5.0	08/27/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ		Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000647	B17B02	GPP	TRENT	13981-16-3	Plutonium-238		LA-508-471	U		26.0	pCi/L	1.00	53	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	E,T,C	Pu-238 by AEA Total Cntg Error		LA-508-471		+-	33.8	pCi/L	1.00	0.0	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	PU-239/240	Pu-239/240 by AEA		LA-508-471	U		2.40	pCi/L	1.00	6.4	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	E,T,C	Pu-239/240 AEA Total Cntg Err		LA-508-471		+-	4.80	pCi/L	1.00	0.0	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	100-02-7	4-Nitrophenol		LA-523-456	U	<	1.70	ug/L	1.00	1.7	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	106-46-7	1,4-Dichlorobenzene		LA-523-456	U	<	6.20	ug/L	1.00	6.2	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	108-95-2	Phenol		LA-523-456	U	<	2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	120-82-1	1,2,4-Trichlorobenzene		LA-523-456	U	<	3.70	ug/L	1.00	3.7	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	121-14-2	2,4-Dinitrotoluene		LA-523-456	U	<	2.20	ug/L	1.00	2.2	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	129-00-0	Pyrene		LA-523-456	U	<	2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	59-50-7	4-Chloro-3-methylphenol		LA-523-456	U	<	1.60	ug/L	1.00	1.6	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	621-64-7	N-Nitrosodi-n-dipropylamine		LA-523-456	U	<	2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	83-32-9	Acenaphthene		LA-523-456	U	<	3.00	ug/L	1.00	3.0	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	87-86-5	Pentachlorophenol		LA-523-456	U	<	2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	95-57-8	2-Chlorophenol		LA-523-456	U	<	2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	100-01-6	4-Nitroaniline		LA-523-456	U	<	3.60	ug/L	1.00	3.6	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	101-55-3	4-Bromophenylphenyl ether		LA-523-456	U	<	2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	105-67-9	2,4-Dimethylphenol		LA-523-456	U	<	5.30	ug/L	1.00	5.3	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	106-47-8	4-Chloroaniline		LA-523-456	U	<	8.90	ug/L	1.00	8.9	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	108-60-1	Bis(2-chloro-1-methylethyl)eth		LA-523-456	U	<	2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	111-44-4	Bis(2-chloroethyl) ether		LA-523-456	U	<	4.20	ug/L	1.00	4.2	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	111-91-1	Bis(2-Chloroethoxy)methane		LA-523-456	U	<	2.50	ug/L	1.00	2.5	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	117-81-7	Bis(2-ethylhexyl) phthalate		LA-523-456	U	<	3.20	ug/L	1.00	3.2	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	117-84-0	Di-n-octylphthalate		LA-523-456	U	<	3.10	ug/L	1.00	3.1	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	118-74-1	Hexachlorobenzene		LA-523-456	U	<	2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	120-12-7	Anthracene		LA-523-456	U	<	2.50	ug/L	1.00	2.5	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	120-83-2	2,4-Dichlorophenol		LA-523-456	U	<	1.70	ug/L	1.00	1.7	08/11/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000647	B17B02	GPP	TRENT	131-11-3	Dimethyl phthalate		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	132-64-9	Dibenzofuran		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	191-24-2	Benzo(ghi)perylene		LA-523-456	U	< 3.10	ug/L	1.00	3.1	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	193-39-5	Indeno(1,2,3-cd)pyrene		LA-523-456	U	< 3.20	ug/L	1.00	3.2	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	205-99-2	Benzo(b)fluoranthene		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	206-44-0	Fluoranthene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	207-08-9	Benzo(k)fluoranthene		LA-523-456	U	< 3.50	ug/L	1.00	3.5	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	208-96-8	Acenaphthylene		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	218-01-9	Chrysene		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	50-32-8	Benzo(a)pyrene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	51-28-5	2,4-Dinitrophenol		LA-523-456	U	< 4.10	ug/L	1.00	4.1	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	53-70-3	Dibenz[a,h]anthracene		LA-523-456	U	< 3.20	ug/L	1.00	3.2	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	534-52-1	4,6-Dinitro-2-methylphenol		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	541-73-1	1,3-Dichlorobenzene		LA-523-456	U	< 6.40	ug/L	1.00	6.4	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	56-55-3	Benzo(a)anthracene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	606-20-2	2,6-Dinitrotoluene		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	7005-72-3	4-Chlorophenylphenyl ether		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	77-47-4	Hexachlorocyclopentadiene		LA-523-456	U	< 9.60	ug/L	1.00	9.6	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	78-59-1	Isophorone		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	84-66-2	Diethylphthalate		LA-523-456	U	< 7.80	ug/L	1.00	7.8	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	84-74-2	Di-n-butylphthalate		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	85-01-8	Phenanthrene		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	85-68-7	Butylbenzylphthalate		LA-523-456	U	< 2.50	ug/L	1.00	2.5	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	86-30-6	N-Nitrosodiphenylamine		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	86-73-7	Fluorene		LA-523-456	U	< 2.50	ug/L	1.00	2.5	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	86-74-8	Carbazole		LA-523-456	U	< 1.70	ug/L	1.00	1.7	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	87-68-3	Hexachlorobutadiene		LA-523-456	U	< 4.40	ug/L	1.00	4.4	08/11/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000647	B17B02	GPP	TRENT	88-74-4	2-Nitroaniline		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	88-75-5	2-Nitrophenol		LA-523-456	U	< 2.50	ug/L	1.00	2.5	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	91-20-3	Naphthalene		LA-523-456	U	< 3.00	ug/L	1.00	3.0	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	91-57-6	2-Methylnaphthalene		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	91-58-7	2-Chloronaphthalene		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	91-94-1	3,3'-Dichlorobenzidine		LA-523-456	U	< 5.10	ug/L	1.00	5.1	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	95-48-7	2-Methylphenol (cresol, o-)		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	95-50-1	1,2-Dichlorobenzene		LA-523-456	U	< 5.20	ug/L	1.00	5.2	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	95-95-4	2,4,5-Trichlorophenol		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	98-95-3	Nitrobenzene		LA-523-456	U	< 2.50	ug/L	1.00	2.5	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	99-09-2	3-Nitroaniline		LA-523-456	U	< 5.60	ug/L	1.00	5.6	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	65794-96-9	3 & 4 Methylphenol Total		LA-523-456	U	< 4.00	ug/L	1.00	4.0	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	67-72-1	Hexachloroethane		LA-523-456	U	< 6.80	ug/L	1.00	6.8	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	88-06-2	2,4,6-Trichlorophenol		LA-523-456	U	< 3.00	ug/L	1.00	3.0	08/11/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	10028-17-8	Tritium		LA-508-421		3.90e+03	pCi/L	1.00	2.0e+02	08/12/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	E,T,C	H-3 Rel. % Count Error		LA-508-421		+- 819	pCi/L	1.00	0.0	08/12/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	75-35-4	1,1-Dichloroethene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	79-01-6	Trichloroethene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	71-43-2	Benzene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	108-88-3	Toluene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	108-90-7	Chlorobenzene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	75-34-3	1,1-Dichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	100-41-4	Ethylbenzene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	100-42-5	Styrene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	10061-01-5	cis-1,3-Dichloropropene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	10061-02-6	trans-1,3-Dichloropropene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	107-06-2	1,2-Dichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000647	B17B02	GPP	TRENT	108-10-1	4-Methyl-2-Pentanone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	124-48-1	Dibromochloromethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	127-18-4	Tetrachloroethene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	1330-20-7	Xylenes (total)		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	540-59-0	1,2-Dichloroethene(Total)		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	56-23-5	Carbon tetrachloride		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	591-78-6	2-Hexanone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	67-64-1	Acetone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	67-66-3	Chloroform		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	71-55-6	1,1,1-Trichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	74-83-9	Bromomethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	79-34-5	1,1,2,2-Tetrachloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	74-87-3	Chloromethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	75-00-3	Chloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	75-01-4	Vinyl chloride		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	75-09-2	Methylenechloride		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	75-15-0	Carbon disulfide		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	75-25-2	Bromoform		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	75-27-4	Bromodichloromethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	78-87-5	1,2-Dichloropropane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	78-93-3	2-Butanone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000647	B17B02	GPP	TRENT	79-00-5	1,1,2-Trichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	14596-10-2	Americium-241		LA-508-471		68.0	pCi/L	1.00	65	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	E,T,C	Am-241 by AEA Total Cntg Error		LA-508-471		+- 45.6	pCi/L	1.00	0.0	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	12587-46-1	Gross alpha		LA-508-415		200	pCi/L	1.00	1.9	08/12/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	E,T,C	Gross Alpha Method Error		LA-508-415		+- 140	pCi/L	1.00	0.0	08/12/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	12587-47-2	Gross beta		LA-508-415		1.30e+04	pCi/L	1.00	1.2e+02	08/12/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000648	B17B03	GPP	TRENT	E,T,C	Gross Beta Method Error		LA-508-415		+- 1.30e+03	pCi/L	1.00	0.0	08/12/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	7429-90-5	Aluminum		LA-505-411	U	< 50.0	ug/L	1.00	50	08/21/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	7439-89-6	Iron		LA-505-411		141	ug/L	1.00	31	08/21/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	7439-95-4	Magnesium		LA-505-411		8.58e+04	ug/L	1.00	37	08/21/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	7439-96-5	Manganese		LA-505-411		62.0	ug/L	1.00	2.7	08/21/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	7440-02-0	Nickel		LA-505-411		264	ug/L	1.00	7.1	08/21/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	7440-09-7	Potassium		LA-505-411		6.36e+06	ug/L	1.00	1.8e+02	08/21/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	7440-22-4	Silver		LA-505-411	U	< 3.50	ug/L	1.00	3.5	08/21/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	7440-23-5	Sodium		LA-505-411		1.39e+06	ug/L	1.00	29	08/21/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	7440-36-0	Antimony		LA-505-411		111	ug/L	1.00	45	08/21/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	7440-39-3	Barium		LA-505-411		4.00	ug/L	1.00	2.8	08/21/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	7440-43-9	Cadmium		LA-505-411	U	< 2.30	ug/L	1.00	2.3	08/21/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	7440-47-3	Chromium		LA-505-411	U	< 7.30	ug/L	1.00	7.3	08/21/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	7440-48-4	Cobalt		LA-505-411		6.60	ug/L	1.00	1.8	08/21/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	7440-50-8	Copper		LA-505-411	U	< 4.80	ug/L	1.00	4.8	08/21/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	7440-62-2	Vanadium		LA-505-411	U	< 7.30	ug/L	1.00	7.3	08/21/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	7440-66-6	Zinc		LA-505-411		11.4	ug/L	1.00	6.9	08/21/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	7440-70-2	Calcium		LA-505-411		3.96e+03	ug/L	1.00	2.5	08/21/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	7439-97-6	Mercury		LA-505-412	U	< 5.00	ug/L	50.00	5.0	08/27/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	13981-16-3	Plutonium-238		LA-508-471	U	-12.0	pCi/L	1.00	67	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	E,T,C	Pu-238 by AEA Total Cntg Error		LA-508-471		+- 34.8	pCi/L	1.00	0.0	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	PU-239/240	Pu-239/240 by AEA		LA-508-471	U	12.0	pCi/L	1.00	23	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	E,T,C	Pu-239/240 AEA Total Cntg Err		LA-508-471		+- 14.4	pCi/L	1.00	0.0	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	100-02-7	4-Nitrophenol		LA-523-456	U	< 1.70	ug/L	1.00	1.7	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	106-46-7	1,4-Dichlorobenzene		LA-523-456	U	< 6.10	ug/L	1.00	6.1	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	108-95-2	Phenol		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	120-82-1	1,2,4-Trichlorobenzene		LA-523-456	U	< 3.70	ug/L	1.00	3.7	08/11/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000648	B17B03	GPP	TRENT	121-14-2	2,4-Dinitrotoluene		LA-523-456	U	< 2.20	ug/L	1.00	2.2	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	129-00-0	Pyrene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	59-50-7	4-Chloro-3-methylphenol		LA-523-456	U	< 1.60	ug/L	1.00	1.6	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	621-64-7	N-Nitrosodi-n-dipropylamine		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	83-32-9	Acenaphthene		LA-523-456	U	< 2.90	ug/L	1.00	2.9	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	87-86-5	Pentachlorophenol		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	95-57-8	2-Chlorophenol		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	100-01-6	4-Nitroaniline		LA-523-456	U	< 3.50	ug/L	1.00	3.5	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	101-55-3	4-Bromophenylphenyl ether		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	105-67-9	2,4-Dimethylphenol		LA-523-456	U	< 5.20	ug/L	1.00	5.2	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	106-47-8	4-Chloroaniline		LA-523-456	U	< 8.80	ug/L	1.00	8.8	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	108-60-1	Bis(2-chloro-1-methylethyl)eth		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	111-44-4	Bis(2-chloroethyl) ether		LA-523-456	U	< 4.10	ug/L	1.00	4.1	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	111-91-1	Bis(2-Chloroethoxy)methane		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	117-81-7	Bis(2-ethylhexyl) phthalate		LA-523-456	U	< 3.20	ug/L	1.00	3.2	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	117-84-0	Di-n-octylphthalate		LA-523-456	U	< 3.00	ug/L	1.00	3.0	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	118-74-1	Hexachlorobenzene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	120-12-7	Anthracene		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	120-83-2	2,4-Dichlorophenol		LA-523-456	U	< 1.70	ug/L	1.00	1.7	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	131-11-3	Dimethyl phthalate		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	132-64-9	Dibenzofuran		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	191-24-2	Benzo(ghi)perylene		LA-523-456	U	< 3.00	ug/L	1.00	3.0	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	193-39-5	Indeno(1,2,3-cd)pyrene		LA-523-456	U	< 3.20	ug/L	1.00	3.2	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	205-99-2	Benzo(b)fluoranthene		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	206-44-0	Fluoranthene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	207-08-9	Benzo(k)fluoranthene		LA-523-456	U	< 3.40	ug/L	1.00	3.4	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	208-96-8	Acenaphthylene		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03

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Report WGPP/ver. 1
Ground Water Protection Program

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000648	B17B03	GPP	TRENT	218-01-9	Chrysene		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	50-32-8	Benzo(a)pyrene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	51-28-5	2,4-Dinitrophenol		LA-523-456	U	< 4.00	ug/L	1.00	4.0	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	53-70-3	Dibenz[a,h]anthracene		LA-523-456	U	< 3.20	ug/L	1.00	3.2	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	534-52-1	4,6-Dinitro-2-methylphenol		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	541-73-1	1,3-Dichlorobenzene		LA-523-456	U	< 6.30	ug/L	1.00	6.3	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	56-55-3	Benzo(a)anthracene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	606-20-2	2,6-Dinitrotoluene		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	7005-72-3	4-Chlorophenylphenyl ether		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	77-47-4	Hexachlorocyclopentadiene		LA-523-456	U	< 9.50	ug/L	1.00	9.5	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	78-59-1	Isophorone		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	84-66-2	Diethylphthalate		LA-523-456	U	< 7.70	ug/L	1.00	7.7	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	84-74-2	Di-n-butylphthalate		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	85-01-8	Phenanthrene		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	85-68-7	Butylbenzylphthalate		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	86-30-6	N-Nitrosodiphenylamine		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	86-73-7	Fluorene		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	86-74-8	Carbazole		LA-523-456	U	< 1.70	ug/L	1.00	1.7	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	87-68-3	Hexachlorobutadiene		LA-523-456	U	< 4.40	ug/L	1.00	4.4	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	88-74-4	2-Nitroaniline		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	88-75-5	2-Nitrophenol		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	91-20-3	Naphthalene		LA-523-456	U	< 2.90	ug/L	1.00	2.9	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	91-57-6	2-Methylnaphthalene		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	91-58-7	2-Chloronaphthalene		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	91-94-1	3,3'-Dichlorobenzidine		LA-523-456	U	< 5.00	ug/L	1.00	5.0	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	95-48-7	2-Methylphenol (cresol, o-)		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	95-50-1	1,2-Dichlorobenzene		LA-523-456	U	< 5.10	ug/L	1.00	5.1	08/11/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000648	B17B03	GPP	TRENT	95-95-4	2,4,5-Trichlorophenol		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	98-95-3	Nitrobenzene		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	99-09-2	3-Nitroaniline		LA-523-456	U	< 5.50	ug/L	1.00	5.5	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	65794-96-9	3 & 4 Methylphenol Total		LA-523-456	U	< 3.90	ug/L	1.00	3.9	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	67-72-1	Hexachloroethane		LA-523-456	U	< 6.70	ug/L	1.00	6.7	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	88-06-2	2,4,6-Trichlorophenol		LA-523-456	U	< 2.90	ug/L	1.00	2.9	08/11/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	10028-17-8	Tritium		LA-508-421		3.70e+03	pCi/L	1.00	2.0e+02	08/12/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	E,T,C	H-3 Rel. % Count Error		LA-508-421		+- 777	pCi/L	1.00	0.0	08/12/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	75-35-4	1,1-Dichloroethene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	79-01-6	Trichloroethene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	71-43-2	Benzene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	108-88-3	Toluene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	108-90-7	Chlorobenzene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	75-34-3	1,1-Dichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	100-41-4	Ethylbenzene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	100-42-5	Styrene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	10061-01-5	cis-1,3-Dichloropropene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	10061-02-6	trans-1,3-Dichloropropene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	107-06-2	1,2-Dichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	108-10-1	4-Methyl-2-Pentanone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	124-48-1	Dibromochloromethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	127-18-4	Tetrachloroethene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	1330-20-7	Xylenes (total)		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	540-59-0	1,2-Dichloroethene(Total)		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	56-23-5	Carbon tetrachloride		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	591-78-6	2-Hexanone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	67-64-1	Acetone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03

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Report WGPP/ver. 1
Ground Water Protection Program

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000648	B17B03	GPP	TRENT	67-66-3	Chloroform		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	71-55-6	1,1,1-Trichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	74-83-9	Bromomethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	79-34-5	1,1,2,2-Tetrachloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	74-87-3	Chloromethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	75-00-3	Chloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	75-01-4	Vinyl chloride		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	75-09-2	Methylenechloride		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	75-15-0	Carbon disulfide		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	75-25-2	Bromoform		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	75-27-4	Bromodichloromethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	78-87-5	1,2-Dichloropropane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	78-93-3	2-Butanone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000648	B17B03	GPP	TRENT	79-00-5	1,1,2-Trichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	14596-10-2	Americium-241		LA-508-471	U	54.0	pCi/L	1.00	57	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	E,T,C	Am-241 by AEA Total Cntg Error		LA-508-471		+- 39.4	pCi/L	1.00	0.0	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	12587-46-1	Gross alpha		LA-508-415	U	100	pCi/L	1.00	1.9e+02	08/12/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	E,T,C	Gross Alpha Method Error		LA-508-415		+- 120	pCi/L	1.00	0.0	08/12/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	12587-47-2	Gross beta		LA-508-415		1.20e+04	pCi/L	1.00	1.2e+02	08/12/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	E,T,C	Gross Beta Method Error		LA-508-415		+- 1.20e+03	pCi/L	1.00	0.0	08/12/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	7429-90-5	Aluminum		LA-505-411	U	< 50.0	ug/L	1.00	50	08/21/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	7439-89-6	Iron		LA-505-411		135	ug/L	1.00	31	08/21/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	7439-95-4	Magnesium		LA-505-411		8.18e+04	ug/L	1.00	37	08/21/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	7439-96-5	Manganese		LA-505-411		62.0	ug/L	1.00	2.7	08/21/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	7440-02-0	Nickel		LA-505-411		256	ug/L	1.00	7.1	08/21/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	7440-09-7	Potassium		LA-505-411		6.23e+06	ug/L	1.00	1.8e+02	08/21/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	7440-22-4	Silver		LA-505-411	U	< 3.50	ug/L	1.00	3.5	08/21/03	07/29/03	07/29/03

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Report WGPP/ver. 1
Ground Water Protection Program

WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000649	B17B04	GPP	TRENT	7440-23-5	Sodium		LA-505-411		1.36e+06	ug/L	1.00	29	08/21/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	7440-36-0	Antimony		LA-505-411		116	ug/L	1.00	45	08/21/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	7440-39-3	Barium		LA-505-411		6.00	ug/L	1.00	2.8	08/21/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	7440-43-9	Cadmium		LA-505-411	U	< 2.30	ug/L	1.00	2.3	08/21/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	7440-47-3	Chromium		LA-505-411	U	< 7.30	ug/L	1.00	7.3	08/21/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	7440-48-4	Cobalt		LA-505-411		5.00	ug/L	1.00	1.8	08/21/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	7440-50-8	Copper		LA-505-411	U	< 4.80	ug/L	1.00	4.8	08/21/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	7440-62-2	Vanadium		LA-505-411	U	< 7.30	ug/L	1.00	7.3	08/21/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	7440-66-6	Zinc		LA-505-411	U	< 6.90	ug/L	1.00	6.9	08/21/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	7440-70-2	Calcium		LA-505-411		4.28e+03	ug/L	1.00	2.5	08/21/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	7439-97-6	Mercury		LA-505-412	U	< 5.00	ug/L	50.00	5.0	08/27/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	13981-16-3	Plutonium-238		LA-508-471	U	34.0	pCi/L	1.00	43	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	E,T,C	Pu-238 by AEA Total Cntg Error		LA-508-471		+- 29.6	pCi/L	1.00	0.0	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	PU-239/240	Pu-239/240 by AEA		LA-508-471	U	4.60	pCi/L	1.00	21	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	E,T,C	Pu-239/240 AEA Total Cntg Err		LA-508-471		+- 11.5	pCi/L	1.00	0.0	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	100-02-7	4-Nitrophenol		LA-523-456	U	< 1.70	ug/L	1.00	1.7	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	106-46-7	1,4-Dichlorobenzene		LA-523-456	U	< 6.10	ug/L	1.00	6.1	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	108-95-2	Phenol		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	120-82-1	1,2,4-Trichlorobenzene		LA-523-456	U	< 3.70	ug/L	1.00	3.7	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	121-14-2	2,4-Dinitrotoluene		LA-523-456	U	< 2.20	ug/L	1.00	2.2	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	129-00-0	Pyrene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	59-50-7	4-Chloro-3-methylphenol		LA-523-456	U	< 1.60	ug/L	1.00	1.6	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	621-64-7	N-Nitrosodi-n-dipropylamine		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	83-32-9	Acenaphthene		LA-523-456	U	< 2.90	ug/L	1.00	2.9	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	87-86-5	Pentachlorophenol		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	95-57-8	2-Chlorophenol		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	100-01-6	4-Nitroaniline		LA-523-456	U	< 3.50	ug/L	1.00	3.5	08/11/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000649	B17B04	GPP	TRENT	101-55-3	4-Bromophenylphenyl ether		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	105-67-9	2,4-Dimethylphenol		LA-523-456	U	< 5.20	ug/L	1.00	5.2	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	106-47-8	4-Chloroaniline		LA-523-456	U	< 8.80	ug/L	1.00	8.8	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	108-60-1	Bis(2-chloro-1-methylethyl)eth		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	111-44-4	Bis(2-chloroethyl) ether		LA-523-456	U	< 4.10	ug/L	1.00	4.1	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	111-91-1	Bis(2-Chloroethoxy)methane		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	117-81-7	Bis(2-ethylhexyl) phthalate		LA-523-456	U	< 3.20	ug/L	1.00	3.2	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	117-84-0	Di-n-octylphthalate		LA-523-456	U	< 3.00	ug/L	1.00	3.0	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	118-74-1	Hexachlorobenzene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	120-12-7	Anthracene		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	120-83-2	2,4-Dichlorophenol		LA-523-456	U	< 1.70	ug/L	1.00	1.7	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	131-11-3	Dimethyl phthalate		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	132-64-9	Dibenzofuran		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	191-24-2	Benzo(ghi)perylene		LA-523-456	U	< 3.00	ug/L	1.00	3.0	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	193-39-5	Indeno(1,2,3-cd)pyrene		LA-523-456	U	< 3.20	ug/L	1.00	3.2	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	205-99-2	Benzo(b)fluoranthene		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	206-44-0	Fluoranthene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	207-08-9	Benzo(k)fluoranthene		LA-523-456	U	< 3.40	ug/L	1.00	3.4	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	208-96-8	Acenaphthylene		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	218-01-9	Chrysene		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	50-32-8	Benzo(a)pyrene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	51-28-5	2,4-Dinitrophenol		LA-523-456	U	< 4.00	ug/L	1.00	4.0	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	53-70-3	Dibenz(a,h)anthracene		LA-523-456	U	< 3.20	ug/L	1.00	3.2	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	534-52-1	4,6-Dinitro-2-methylphenol		LA-523-456	U	< 2.10	ug/L	1.00	2.1	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	541-73-1	1,3-Dichlorobenzene		LA-523-456	U	< 6.30	ug/L	1.00	6.3	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	56-55-3	Benzo(a)anthracene		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	606-20-2	2,6-Dinitrotoluene		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000649	B17B04	GPP	TRENT	7005-72-3	4-Chlorophenylphenyl ether		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	77-47-4	Hexachlorocyclopentadiene		LA-523-456	U	< 9.50	ug/L	1.00	9.5	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	78-59-1	Isophorone		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	84-66-2	Diethylphthalate		LA-523-456	U	< 7.70	ug/L	1.00	7.7	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	84-74-2	Di-n-butylphthalate		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	85-01-8	Phenanthrene		LA-523-456	U	< 2.70	ug/L	1.00	2.7	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	85-68-7	Butylbenzylphthalate		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	86-30-6	N-Nitrosodiphenylamine		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	86-73-7	Fluorene		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	86-74-8	Carbazole		LA-523-456	U	< 1.70	ug/L	1.00	1.7	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	87-68-3	Hexachlorobutadiene		LA-523-456	U	< 4.40	ug/L	1.00	4.4	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	88-74-4	2-Nitroaniline		LA-523-456	U	< 2.60	ug/L	1.00	2.6	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	88-75-5	2-Nitrophenol		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	91-20-3	Naphthalene		LA-523-456	U	< 2.90	ug/L	1.00	2.9	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	91-57-6	2-Methylnaphthalene		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	91-58-7	2-Chloronaphthalene		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	91-94-1	3,3'-Dichlorobenzidine		LA-523-456	U	< 5.00	ug/L	1.00	5.0	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	95-48-7	2-Methylphenol (cresol, o-)		LA-523-456	U	< 2.80	ug/L	1.00	2.8	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	95-50-1	1,2-Dichlorobenzene		LA-523-456	U	< 5.10	ug/L	1.00	5.1	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	95-95-4	2,4,5-Trichlorophenol		LA-523-456	U	< 2.30	ug/L	1.00	2.3	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	98-95-3	Nitrobenzene		LA-523-456	U	< 2.40	ug/L	1.00	2.4	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	99-09-2	3-Nitroaniline		LA-523-456	U	< 5.50	ug/L	1.00	5.5	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	65794-96-9	3 & 4 Methylphenol Total		LA-523-456	U	< 3.90	ug/L	1.00	3.9	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	67-72-1	Hexachloroethane		LA-523-456	U	< 6.70	ug/L	1.00	6.7	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	88-06-2	2,4,6-Trichlorophenol		LA-523-456	U	< 2.90	ug/L	1.00	2.9	08/11/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	10028-17-8	Tritium		LA-508-421		3.80e+03	pCi/L	1.00	2.0e+02	08/12/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	E.T.C	H-3 Rel. % Count Error		LA-508-421		+- 798	pCi/L	1.00	0.0	08/12/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000649	B17B04	GPP	TRENT	75-35-4	1,1-Dichloroethene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	79-01-6	Trichloroethene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	71-43-2	Benzene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	108-88-3	Toluene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	108-90-7	Chlorobenzene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	75-34-3	1,1-Dichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	100-41-4	Ethylbenzene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	100-42-5	Styrene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	10061-01-5	cis-1,3-Dichloropropene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	10061-02-6	trans-1,3-Dichloropropene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	107-06-2	1,2-Dichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	108-10-1	4-Methyl-2-Pentanone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	124-48-1	Dibromochloromethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	127-18-4	Tetrachloroethene		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	1330-20-7	Xylenes (total)		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	540-59-0	1,2-Dichloroethene(Total)		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	56-23-5	Carbon tetrachloride		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	591-78-6	2-Hexanone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	67-64-1	Acetone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	67-66-3	Chloroform		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	71-55-6	1,1,1-Trichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	74-83-9	Bromomethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	79-34-5	1,1,2,2-Tetrachloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	74-87-3	Chloromethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	75-00-3	Chloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	75-01-4	Vinyl chloride		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	75-09-2	Methylenechloride		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03

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WSCF
ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F02-009: F02-009

Group #: WSCF20031007

Sample #	Client ID			CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W030000649	B17B04	GPP	TRENT	75-15-0	Carbon disulfide		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	75-25-2	Bromoform		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	75-27-4	Bromodichloromethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	78-87-5	1,2-Dichloropropane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	78-93-3	2-Butanone		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03
W030000649	B17B04	GPP	TRENT	79-00-5	1,1,2-Trichloroethane		LA-523-455	U	< 1.00	ug/L	1.00	1.0	08/05/03	07/29/03	07/29/03

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WSCF
ANALYTICAL COMMENT REPORT

Attention: Steve Trent
Project Number F02-009

Group #: WSCF20031007

Sample #	Client ID	Lab Area	Test	Comment
		VALGROUP		SVOA: The SPK-RPD for 2-Fluorobiphenyl is out of limits high Terphenyl-d14 is out low in all samples except for sample W030000645. Sample W030000647 also had 2-Fluorobiphenyl and Nitrobenzene-d5 out low. The extracts were very wet and had to be filtered twice in order to remove the water.The sample extracts foamed during the concentration process. The LCS, Blank, MS and MSD all looked good. A J-flag is used for target compounds which are less than the lowest calibration standard but greater than the detection limit. den ICP-AES: High Al recoveries for MS/MSD, no qualifiers due to results are all less than detectable. kll W030000644-649 for H-3, Pu-239, & Alpha/Beta tests had poor RPD. RPD does not apply to low level samples.lmh ICP-MS: MS and MSD were not run on these samples. A post digestion spike was done and it was acceptable (98.5% recovery).

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

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F02-009 :F02-009

Group #: WSCF20031007

Sample #	Client ID			Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W030000645	B17B00	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 15.898 Unknown	Unknown	15.89833	J	12	ug/L
W030000645	B17B00	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 17.767 Unknown	Unknown	17.7679	J	13	ug/L
W030000645	B17B00	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 15.101 Unknown	Unknown	15.10145	J	15	ug/L
W030000645	B17B00	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 17.686 Tricosane	638-67-5	17.68616	J	16	ug/L
W030000645	B17B00	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 16.460 9,17-Octadecadienal, (	56554-35-9	16.46021	J	1.7e+02	ug/L
W030000645	B17B00	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 15.285 Unknown	Unknown	15.28535	J	21	ug/L
W030000645	B17B00	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 13.334 Unknown	Unknown	13.33405	J	36	ug/L
W030000645	B17B00	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 15.448 Unknown	Unknown	15.4488	J	39	ug/L
W030000645	B17B00	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 19.177 1-Eicosanol	629-96-9	19.17775	J	4.7	ug/L
W030000645	B17B00	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 19.637 Unknown	Unknown	19.63748	J	4.8	ug/L
W030000645	B17B00	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 4.834 Unknown	Unknown	4.8341	J	44	ug/L
W030000645	B17B00	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 16.623 Octadecanoic acid	57-11-4	16.62368	J	46	ug/L
W030000645	B17B00	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 13.671 1,12-Tridecadiene	21964-48-7	13.67118	J	55	ug/L
W030000645	B17B00	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 12.659 Unknown	Unknown	12.65976	J	56	ug/L
W030000645	B17B00	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 15.642 Tetradecanoic acid	544-63-8	15.64291	J	57	ug/L
W030000645	B17B00	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 18.574 Acetic acid, octadecyl	822-23-1	18.57498	J	6.4	ug/L
W030000645	B17B00	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 14.866 n-Hexadecanoic acid	57-10-3	14.86648	J	6.3e+02	ug/L
W030000645	B17B00	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 19.576 Unknown	Unknown	19.57618	J	7.2	ug/L
W030000645	B17B00	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 17.093 Unknown	Unknown	17.09363	J	9.5	ug/L
W030000646	B17B01	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 13.900 Unknown	Unknown	13.90086	J	10	ug/L
W030000646	B17B01	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 12.419 Unknown	Unknown	12.4195	J	12	ug/L
W030000646	B17B01	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 16.291 Unknown Organic Acid	Unknown	16.29146	J	16	ug/L
W030000646	B17B01	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 13.655 1,13-Tetradecadiene	21964-49-8	13.65566	J	18	ug/L
W030000646	B17B01	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 16.332 Unknown	Unknown	16.33233	J	19	ug/L
W030000646	B17B01	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 14.421 9-Hexadecenoic acid	2091-29-4	14.42188	J	20	ug/L

RQ=Result Qualifier J - Estimated Value

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F02-009 :F02-009

Group #: WSCF20031007

Sample #	Client ID			Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W030000646	B17B01	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 15.535 Heptadecanoic acid	506-12-7	15.53546	J	3.0	ug/L
W030000646	B17B01	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 11.694 Unknown	Unknown	11.69415	J	3.0	ug/L
W030000646	B17B01	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 10.968 Unknown	Unknown	10.96878	J	3.3	ug/L
W030000646	B17B01	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 12.746 Unknown	Unknown	12.74641	J	3.9	ug/L
W030000646	B17B01	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 14.626 n-Hexadecanoic acid	57-10-3	14.62621	J	33	ug/L
W030000646	B17B01	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 13.584 Unknown	Unknown	13.58415	J	4.0	ug/L
W030000646	B17B01	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 17.711 Unknown	Unknown	17.71153	J	5.7	ug/L
W030000646	B17B01	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 12.562 Unknown	Unknown	12.56253	J	5.8	ug/L
W030000646	B17B01	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 14.983 Unknown	Unknown	14.98378	J	5.8	ug/L
W030000646	B17B01	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 13.318 Unknown	Unknown	13.31853	J	6.1	ug/L
W030000646	B17B01	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 11.908 Heptadecane	629-78-7	11.90868	J	6.3	ug/L
W030000646	B17B01	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 13.226 Dodecanoic acid	143-07-7	13.22658	J	6.5	ug/L
W030000646	B17B01	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 16.230 9,12-Octadecadienoic a	60-33-3	16.23016	J	6.7	ug/L
W030000646	B17B01	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 16.485 Octadecanoic acid	57-11-4	16.48556	J	8.8	ug/L
W030000647	B17B02	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 14.396 Unknown	Unknown	14.39668	J	2.9	ug/L
W030000647	B17B02	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 16.296 Unknown	Unknown	16.2969	J	4.4	ug/L
W030000647	B17B02	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 5.365 Unknown	Unknown	5.3655	J	4.4	ug/L
W030000647	B17B02	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 14.590 n-Hexadecanoic acid	57-10-3	14.58056	J	7.7	ug/L
W030000648	B17B03	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 13.242 Unknown Organic Acid	Unknown	13.24246	J	12	ug/L
W030000648	B17B03	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 12.588 Tetradecanoic acid	544-63-8	12.58863	J	14	ug/L
W030000648	B17B03	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 13.661 1,11-Dodecadiene	5876-87-9	13.66133	J	14	ug/L
W030000648	B17B03	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 14.448 9-Hexadecenoic acid	2091-29-4	14.448	J	28	ug/L
W030000648	B17B03	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 17.655 Unknown	Unknown	17.6559	J	3.4	ug/L
W030000648	B17B03	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 17.829 Unknown	Unknown	17.82956	J	4.9	ug/L
W030000648	B17B03	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 21.783 Unknown	Unknown	21.78326	J	4.9	ug/L

RQ=Result Qualifier J - Estimated Value

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F02-009 :F02-009

Group #: WSCF20031007

Sample #	Client ID			Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W030000648	B17B03	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 13.313 Unknown	Unknown	13.31398	J	5.4	ug/L
W030000648	B17B03	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 20.087 Unknown	Unknown	20.08736	J	5.4	ug/L
W030000648	B17B03	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 11.904 Heptadecane	629-78-7	11.90415	J	5.5	ug/L
W030000648	B17B03	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 11.955 Unknown	Unknown	11.95523	J	5.5	ug/L
W030000648	B17B03	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 16.358 9-Octadecenoic acid, (	112-79-8	16.35843	J	52	ug/L
W030000648	B17B03	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 24.020 Unknown	Unknown	24.02063	J	6.6	ug/L
W030000648	B17B03	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 3.250 Unknown	Unknown	3.250966	J	7.6	ug/L
W030000648	B17B03	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 15.561 Heptadecanoic acid	506-12-7	15.56156	J	7.8	ug/L
W030000648	B17B03	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 14.682 n-Hexadecanoic acid	57-10-3	14.68296	J	71	ug/L
W030000648	B17B03	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 13.600 Unknown	Unknown	13.60005	J	8.0	ug/L
W030000648	B17B03	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 17.053 Unknown	Unknown	17.05315	J	8.4	ug/L
W030000648	B17B03	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 16.501 Octadecanoic acid	57-11-4	16.50146	J	9.9	ug/L
W030000649	B17B04	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 14.582 n-Hexadecanoic acid	57-10-3	14.58231	J	13	ug/L
W030000649	B17B04	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 7.318 Benzothiazole	95-16-9	7.31855	J	2.7	ug/L
W030000649	B17B04	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 16.462 Unknown	Unknown	16.46211	J	2.7	ug/L
W030000649	B17B04	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 16.257 Unknown	Unknown	16.2578	J	2.9	ug/L
W030000649	B17B04	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 16.206 9,12-Octadecadienoic a	60-33-3	16.20671	J	3.5	ug/L
W030000649	B17B04	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 13.662 Unknown	Unknown	13.66285	J	4.8	ug/L
W030000649	B17B04	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 16.298 Unknown	Unknown	16.29866	J	5.7	ug/L
W030000649	B17B04	GPP	TRENT	SW-846 8270B Semi-Vols	SMP 14.398 Unknown Organic Acid	Unknown	14.39843	J	6.2	ug/L
W030000649	B17B04	GPP	TRENT	VOA Ground Water Protection	SMP 18.674 Cyclotrisiloxane, hexa	541-05-9	18.67496	J	7.3	ug/L

RQ=Result Qualifier J - Estimated Value

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WSCF
METHOD REFERENCES REPORT

The results provided in this report were generated using the following WSCF Laboratory procedures. For your convenience, this table provides a listing of the regulatory or industry methods that are referenced by each of these WSCF procedures. Please note that the most recent version of the regulatory or industry method is listed here even though the WSCF procedure may reference an older version of the method. Also, a reference to a regulatory or industry method here does not necessarily indicate a verbatim implementation of that method.

LA-505-411	LA-505-411: ELEMENTAL ANALYSIS BY INDUCTIVELY COUPLED PLASMA ATOMIC EMISSION SPE	
	EPA SW-846 6010B	INDUCTIVELY COUPLED PLASMA-ATOMIC EMISSION SPECTROMETRY
LA-505-412	LA-505-412: DETERMINATION OF TRACE ELEMENTS IN WATERS AND WASTES BY INDUCTIVELY	
	EPA-600/R-94-111 200.8	DETERMINATION OF TRACE ELEMENTS IN WATERS AND WASTES BY INDUCTIVELY COUPLED PLAS
LA-508-415	Operation of Protean Alpha/Beta Counters	
	None	No reference to any industry method.
LA-508-421	LA-508-421: OPERATION OF THE TRI-CARB MODEL 2500TR LIQUID SCINTILLATION ANALYZER	
	None	No reference to any industry method.
LA-508-471	LA-508-471: ALPHA ENERGY ANALYZER DATA ACQUISITION AND SYSTEM CHECKOUT USING ALP	
	None	No reference to any industry method.
LA-523-455	LA-523-455: VOLATILE SAMPLE ANALYSIS BY SW-846	
	EPA SW-846 8000B	DETERMINATIVE CHROMATOGRAPHIC SEPARATIONS
	EPA SW-846 8260B	VOLATILE ORGANIC COMPOUNDS BY GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)
LA-523-456	LA-523-456: SEMIVOLATILE SAMPLE ANALYSIS BY SW-846, METHOD 8270C	
	EPA SW-846 8000B	DETERMINATIVE CHROMATOGRAPHIC SEPARATIONS
	EPA SW-846 8270C	SEMIVOLATILE ORGANIC COMPOUNDS BY GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)

Note: A complete list of WSCF analytical procedures and referenced regulatory or industry methods is available online at http://apweb02/asponlinedocs/wscf/sample%20mgmt/ProcedureMethodCrossReference.pdf. This document includes on-line links to full-text versions of the procedures and methods, where available.

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W13q Worklist/Batch/QC Report for Group# WSCF20031006

WL#	S#	Batch	QC#	Tray Type	Sample#	Test
				SAMPLE	W030000640	Percent Solids
				SAMPLE	W030000642	Percent Solids
				SAMPLE	W030000640	TCLP Extraction
				SAMPLE	W030000642	TCLP Extraction
			23212	SAMPLE	W030000640	PCBs complete list
			23212	SURR	W030000640	PCBs complete list
			23212	SAMPLE	W030000642	PCBs complete list
			23212	SURR	W030000642	PCBs complete list
			23212	MS	W030000673	PCBs complete list
			23212	MSD	W030000673	PCBs complete list
			23212	SPK-RPD	W030000673	PCBs complete list
			23212	DUP	W03Q000079	PCBs complete list
19987	1	20373	23223	BLANK		Gross Alpha/Gross Beta (AB32)
19987	2	20373	23223	LCS		Gross Alpha/Gross Beta (AB32)
19987	3	20373	23223	DUP	W030000640	Gross Alpha/Gross Beta (AB32)
19987	4	20373	23223	SAMPLE	W030000640	Gross Alpha/Gross Beta (AB32)
19987	5	20373	23223	SAMPLE	W030000642	Gross Alpha/Gross Beta (AB32)
			23298	BLANK		SW-846 8270B Semi-Vols
			23298	LCS		SW-846 8270B Semi-Vols
			23298	SAMPLE	W030000640	SW-846 8270B Semi-Vols
			23298	SURR	W030000640	SW-846 8270B Semi-Vols
			23298	SAMPLE	W030000642	SW-846 8270B Semi-Vols
			23298	SURR	W030000642	SW-846 8270B Semi-Vols
			23298	MS	W030000672	SW-846 8270B Semi-Vols
			23298	MSD	W030000672	SW-846 8270B Semi-Vols
			23298	SPK-RPD	W030000672	SW-846 8270B Semi-Vols
19975	1	20362	23315	SAMPLE	W030000640	Gamma Energy Analysis-grd H2O
19975	2	20362	23315	SAMPLE	W030000642	Gamma Energy Analysis-grd H2O
			23346	BLANK		VOA Ground Water Protection
			23346	LCS		VOA Ground Water Protection
			23346	MS	W030000640	VOA Ground Water Protection
			23346	MSD	W030000640	VOA Ground Water Protection
			23346	SPK-RPD	W030000640	VOA Ground Water Protection
			23346	SAMPLE	W030000642	VOA Ground Water Protection
			23346	SURR	W030000642	VOA Ground Water Protection
			23348	BLANK		VOA Ground Water Protection
			23348	SAMPLE	W030000640	VOA Ground Water Protection
			23348	SURR	W030000640	VOA Ground Water Protection
20081	1	20466	23350	BLANK		Plutonium Isotopics by AEA
20081	2	20466	23350	LCS		Plutonium Isotopics by AEA
20081	3	20466	23350	DUP	W030000640	Plutonium Isotopics by AEA
20081	4	20466	23350	SAMPLE	W030000640	Plutonium Isotopics by AEA
20081	5	20466	23350	SAMPLE	W030000642	Plutonium Isotopics by AEA
20082	1	20467	23351	BLANK		Americium by AEA
20082	2	20467	23351	LCS		Americium by AEA
20082	3	20467	23351	DUP	W030000640	Americium by AEA

20082	4	20467	23351	SAMPLE	W030000640	Americium by AEA
20082	5	20467	23351	SAMPLE	W030000642	Americium by AEA
20161	1	20544	23353	BLANK		ICP-2008 MS All possible metal
20161	2	20544	23353	LCS		ICP-2008 MS All possible metal
20161	4	20544	23353	MS	W030000640	ICP-2008 MS All possible metal
20161	5	20544	23353	MSD	W030000640	ICP-2008 MS All possible metal
20161	3	20544	23353	SAMPLE	W030000640	ICP-2008 MS All possible metal
20161	6	20544	23353	SAMPLE	W030000642	ICP-2008 MS All possible metal
20212	7	20595	23414	SAMPLE	W030000641	ICP-2008 MS All possible metal
20212	8	20595	23414	SAMPLE	W030000643	ICP-2008 MS All possible metal
		20595	23414	MS	W030000691	ICP-2008 MS All possible metal
		20595	23414	MSD	W030000691	ICP-2008 MS All possible metal
20272	1	20632	23475	BLANK		ICP Metals Analysis, Grd H20 P
20272	2	20632	23475	LCS		ICP Metals Analysis, Grd H20 P
20272	4	20632	23475	MS	W030000640	ICP Metals Analysis, Grd H20 P
20272	5	20632	23475	MSD	W030000640	ICP Metals Analysis, Grd H20 P
20272	3	20632	23475	SAMPLE	W030000640	ICP Metals Analysis, Grd H20 P
20272	0	20632	23475	SPK-RPD	W030000640	ICP Metals Analysis, Grd H20 P
20272	6	20632	23475	SAMPLE	W030000642	ICP Metals Analysis, Grd H20 P

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W13q Worklist/Batch/QC Report for Group# WSCF20031007

WL#	S#	Batch	QC#	Tray Type	Sample#	Test
19993	1	20379	23220	BLANK		Gross Alpha/Gross Beta (AB32)
19993	2	20379	23220	LCS		Gross Alpha/Gross Beta (AB32)
19993	3	20379	23220	DUP	W030000644	Gross Alpha/Gross Beta (AB32)
19993	4	20379	23220	SAMPLE	W030000644	Gross Alpha/Gross Beta (AB32)
19993	5	20379	23220	SAMPLE	W030000645	Gross Alpha/Gross Beta (AB32)
19993	6	20379	23220	SAMPLE	W030000646	Gross Alpha/Gross Beta (AB32)
19993	7	20379	23220	SAMPLE	W030000647	Gross Alpha/Gross Beta (AB32)
19993	8	20379	23220	SAMPLE	W030000648	Gross Alpha/Gross Beta (AB32)
19993	9	20379	23220	SAMPLE	W030000649	Gross Alpha/Gross Beta (AB32)
19965	1	20353	23222	BLANK		Tritium by Liq. Scint.
19965	2	20353	23222	LCS		Tritium by Liq. Scint.
19965	3	20353	23222	DUP	W030000644	Tritium by Liq. Scint.
19965	5	20353	23222	MS	W030000644	Tritium by Liq. Scint.
19965	4	20353	23222	SAMPLE	W030000644	Tritium by Liq. Scint.
19965	6	20353	23222	SAMPLE	W030000645	Tritium by Liq. Scint.
19965	7	20353	23222	SAMPLE	W030000646	Tritium by Liq. Scint.
19965	8	20353	23222	SAMPLE	W030000647	Tritium by Liq. Scint.
19965	9	20353	23222	SAMPLE	W030000648	Tritium by Liq. Scint.
19965	10	20353	23222	SAMPLE	W030000649	Tritium by Liq. Scint.
			23243	BLANK		SW-846 8270B Semi-Vols
			23243	LCS		SW-846 8270B Semi-Vols
			23243	MS	W030000644	SW-846 8270B Semi-Vols
			23243	MSD	W030000644	SW-846 8270B Semi-Vols
			23243	SAMPLE	W030000644	SW-846 8270B Semi-Vols
			23243	SPK-RPD	W030000644	SW-846 8270B Semi-Vols
			23243	SURR	W030000644	SW-846 8270B Semi-Vols
			23243	SAMPLE	W030000645	SW-846 8270B Semi-Vols
			23243	SURR	W030000645	SW-846 8270B Semi-Vols
			23243	SAMPLE	W030000646	SW-846 8270B Semi-Vols
			23243	SURR	W030000646	SW-846 8270B Semi-Vols
			23243	SAMPLE	W030000647	SW-846 8270B Semi-Vols
			23243	SURR	W030000647	SW-846 8270B Semi-Vols
			23243	SAMPLE	W030000648	SW-846 8270B Semi-Vols
			23243	SURR	W030000648	SW-846 8270B Semi-Vols
			23243	SAMPLE	W030000649	SW-846 8270B Semi-Vols
			23243	SURR	W030000649	SW-846 8270B Semi-Vols
20042	1	20426	23245	BLANK		Plutonium Isotopics by AEA
20042	2	20426	23245	LCS		Plutonium Isotopics by AEA
20042	3	20426	23245	DUP	W030000644	Plutonium Isotopics by AEA
20042	4	20426	23245	SAMPLE	W030000644	Plutonium Isotopics by AEA
20042	5	20426	23245	SAMPLE	W030000645	Plutonium Isotopics by AEA
20042	6	20426	23245	SAMPLE	W030000646	Plutonium Isotopics by AEA
20042	7	20426	23245	SAMPLE	W030000647	Plutonium Isotopics by AEA
20042	8	20426	23245	SAMPLE	W030000648	Plutonium Isotopics by AEA
20042	9	20426	23245	SAMPLE	W030000649	Plutonium Isotopics by AEA
20043	1	20425	23246	BLANK		Americium by AEA
20043	2	20425	23246	LCS		Americium by AEA
20043	3	20425	23246	DUP	W030000644	Americium by AEA
20043	4	20425	23246	SAMPLE	W030000644	Americium by AEA
20043	5	20425	23246	SAMPLE	W030000645	Americium by AEA

20043	6	20425	23246	SAMPLE	W030000646	Americium by AEA
20043	7	20425	23246	SAMPLE	W030000647	Americium by AEA
20043	8	20425	23246	SAMPLE	W030000648	Americium by AEA
20043	9	20425	23246	SAMPLE	W030000649	Americium by AEA
			23336	BLANK		VOA Ground Water Protection
			23336	LCS		VOA Ground Water Protection
			23336	MS	W030000639	VOA Ground Water Protection
			23336	MSD	W030000639	VOA Ground Water Protection
			23336	MS	W030000644	VOA Ground Water Protection
			23336	MSD	W030000644	VOA Ground Water Protection
			23336	SAMPLE	W030000644	VOA Ground Water Protection
			23336	SPK-RPD	W030000644	VOA Ground Water Protection
			23336	SURR	W030000644	VOA Ground Water Protection
			23336	SAMPLE	W030000645	VOA Ground Water Protection
			23336	SURR	W030000645	VOA Ground Water Protection
			23336	SAMPLE	W030000646	VOA Ground Water Protection
			23336	SURR	W030000646	VOA Ground Water Protection
			23336	SAMPLE	W030000647	VOA Ground Water Protection
			23336	SURR	W030000647	VOA Ground Water Protection
			23336	SAMPLE	W030000648	VOA Ground Water Protection
			23336	SURR	W030000648	VOA Ground Water Protection
			23336	SAMPLE	W030000649	VOA Ground Water Protection
			23336	SURR	W030000649	VOA Ground Water Protection
20196	1	20580	23393	BLANK		ICP-2008 MS All possible metal
20196	2	20580	23393	LCS		ICP-2008 MS All possible metal
20196	4	20580	23393	MS	W030000644	ICP-2008 MS All possible metal
20196	5	20580	23393	MSD	W030000644	ICP-2008 MS All possible metal
20196	3	20580	23393	SAMPLE	W030000644	ICP-2008 MS All possible metal
20196	6	20580	23393	SPK-POST	W030000644	ICP-2008 MS All possible metal
20196	7	20580	23393	SAMPLE	W030000645	ICP-2008 MS All possible metal
20196	8	20580	23393	SAMPLE	W030000646	ICP-2008 MS All possible metal
20196	9	20580	23393	SAMPLE	W030000647	ICP-2008 MS All possible metal
20196	10	20580	23393	SAMPLE	W030000648	ICP-2008 MS All possible metal
20196	11	20580	23393	SAMPLE	W030000649	ICP-2008 MS All possible metal
20312	1	20692	23519	BLANK		ICP Metals Analysis, Grd H20 P
20312	2	20692	23519	LCS		ICP Metals Analysis, Grd H20 P
20312	4	20692	23519	MS	W030000644	ICP Metals Analysis, Grd H20 P
20312	5	20692	23519	MSD	W030000644	ICP Metals Analysis, Grd H20 P
20312	3	20692	23519	SAMPLE	W030000644	ICP Metals Analysis, Grd H20 P
20312	0	20692	23519	SPK-RPD	W030000644	ICP Metals Analysis, Grd H20 P
20312	6	20692	23519	SAMPLE	W030000645	ICP Metals Analysis, Grd H20 P
20312	7	20692	23519	SAMPLE	W030000646	ICP Metals Analysis, Grd H20 P
20312	8	20692	23519	SAMPLE	W030000647	ICP Metals Analysis, Grd H20 P
20312	9	20692	23519	SAMPLE	W030000648	ICP Metals Analysis, Grd H20 P
20312	10	20692	23519	SAMPLE	W030000649	ICP Metals Analysis, Grd H20 P

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20031007
Matrix: WATER
Test: Gross Alpha/Gross Beta (AB32)

SAF Number: F02-009
Sample Date: 07/29/03
Receive Date:07/29/03

Lab ID: W030000644

BATCH QC ASSOCIATED WITH SAMPLE

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
DUP	Gross alpha	12587-46-1	2.8e-01	27.692	RPD	08/12/03	0.000	20.000	*
DUP	Gross beta	12587-47-2	6.1e-01	44.000	RPD	08/12/03	0.000	20.000	*

BATCH QC

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BLANK	Gross alpha	12587-46-1	-9.1e-02	-0.091	pCi/L	08/12/03	-10.000	10.000	
BLANK	Gross beta	12587-47-2	5.6e-01	0.560	pCi/L	08/12/03	-10.000	10.000	
LCS	Gross alpha	12587-46-1	57.1	101.728	%rec	08/12/03	75.000	125.000	
LCS	Gross beta	12587-47-2	63.6	90.219	%rec	08/12/03	75.000	125.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20031007
Matrix: WATER
Test: Tritium by Liq. Scint.

SAF Number: F02-009
Sample Date: 07/29/03
Receive Date:07/29/03

Lab ID: W030000644

BATCH QC ASSOCIATED WITH SAMPLE

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
DUP	Tritium	10028-17-8	-6.2e+01	-63.736	RPD	08/12/03	0.000	20.000	*
DUP	H-3 Rel. % Count Error	E,T,C	n/a	n/a	RPD	08/12/03	0.000	1000.000	
MS	Tritium	10028-17-8	1245	109.767	% Recov	08/12/03	75.000	125.000	
MS	H-3 Rel. % Count Error	E,T,C	n/a	n/a	Ratio	08/12/03	0.000	1000.000	

BATCH QC

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BLANK	Tritium	10028-17-8	-2.1e+01	-21.000	pCi/L	08/12/03	-400.000	400.000	
LCS	Tritium	10028-17-8	1180	86.555	% Recov	08/12/03	75.000	125.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20031007
Matrix: WATER
Test: SW-846 8270B Semi-Vols

SAF Number: F02-009
Sample Date: 07/29/03
Receive Date:07/29/03

Lab ID: W030000644
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	36.475	62.000	% Recov	08/11/03	50.000	120.000	
MS	1,4-Dichlorobenzene	106-46-7	33.727	57.300	% Recov	08/11/03	41.000	113.000	
MS	2,4-Dinitrotoluene	121-14-2	39.564	67.300	% Recov	08/11/03	65.000	109.000	
MS	2-Fluorophenol	367-12-4	48.734	82.800	% Recov	08/11/03	50.000	110.000	
MS	Acenaphthene	83-32-9	42.813	72.800	% Recov	08/11/03	62.000	112.000	
MS	4-Chloro-3-methylphenol	59-50-7	60.163	68.200	% Recov	08/11/03	59.000	115.000	
MS	2-Chlorophenol	95-57-8	66.054	74.900	% Recov	08/11/03	69.000	111.000	
MS	N-Nitrosodi-n-dipropylamine	621-64-7	51.271	87.200	% Recov	08/11/03	69.000	115.000	
MS	2-Fluorobiphenyl	321-60-8	40.258	68.400	% Recov	08/11/03	58.000	109.000	
MS	Phenol	108-95-2	69.798	79.100	% Recov	08/11/03	59.000	115.000	
MS	Nitrobenzene-d5	4165-60-0	40.316	68.500	% Recov	08/11/03	60.000	118.000	
MS	4-Nitrophenol	100-02-7	44.872	50.900	% Recov	08/11/03	32.000	130.000	
MS	Pentachlorophenol	87-86-5	69.434	78.700	% Recov	08/11/03	51.000	121.000	
MS	Phenol-d5	4165-62-2	47.262	80.300	% Recov	08/11/03	59.000	116.000	
MS	Pyrene	129-00-0	42.098	71.600	% Recov	08/11/03	58.000	116.000	
MS	2,4,6-Tribromophenol	118-79-6	45.472	77.300	% Recov	08/11/03	60.000	120.000	
MS	Terphenyl-d14 (7Cl)	98904-43-9	37.563	63.900	% Recov	08/11/03	60.000	120.000	
MSD	1,2,4-Trichlorobenzene	120-82-1	36.854	65.600	% Recov	08/11/03	50.000	120.000	
MSD	1,4-Dichlorobenzene	106-46-7	37.064	66.000	% Recov	08/11/03	41.000	113.000	
MSD	2,4-Dinitrotoluene	121-14-2	38.240	68.100	% Recov	08/11/03	65.000	109.000	
MSD	2-Fluorophenol	367-12-4	47.522	84.600	% Recov	08/11/03	50.000	110.000	
MSD	Acenaphthene	83-32-9	42.405	75.500	% Recov	08/11/03	62.000	112.000	
MSD	4-Chloro-3-methylphenol	59-50-7	61.581	73.100	% Recov	08/11/03	59.000	115.000	
MSD	2-Chlorophenol	95-57-8	70.097	83.200	% Recov	08/11/03	69.000	111.000	
MSD	N-Nitrosodi-n-dipropylamine	621-64-7	50.298	89.500	% Recov	08/11/03	69.000	115.000	
MSD	2-Fluorobiphenyl	321-60-8	42.689	76.000	% Recov	08/11/03	58.000	109.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20031007
Matrix: WATER
Test: SW-846 8270B Semi-Vols

SAF Number: F02-009
Sample Date: 07/29/03
Receive Date:07/29/03

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
MSD	Phenol	108-95-2	70.619	83.800	% Recov	08/11/03	59.000	115.000	
MSD	Nitrobenzene-d5	4165-60-0	41.567	74.000	% Recov	08/11/03	60.000	118.000	
MSD	4-Nitrophenol	100-02-7	52.011	61.700	% Recov	08/11/03	32.000	130.000	
MSD	Pentachlorophenol	87-86-5	70.421	83.600	% Recov	08/11/03	51.000	121.000	
MSD	Phenol-d5	4165-62-2	45.782	81.500	% Recov	08/11/03	59.000	116.000	
MSD	Pyrene	129-00-0	43.029	76.600	% Recov	08/11/03	58.000	116.000	
MSD	2,4,6-Tribromophenol	118-79-6	46.653	83.000	% Recov	08/11/03	60.000	120.000	
MSD	Terphenyl-d14 (7Cl)	98904-43-9	42.426	75.500	% Recov	08/11/03	60.000	120.000	
SPK-RPD	1,2,4-Trichlorobenzene	120-82-1	65.600	5.643	RPD	08/11/03	0.000	25.000	
SPK-RPD	1,4-Dichlorobenzene	106-46-7	66.000	14.112	RPD	08/11/03	0.000	25.000	
SPK-RPD	2,4-Dinitrotoluene	121-14-2	68.100	1.182	RPD	08/11/03	0.000	25.000	
SPK-RPD	2-Fluorophenol	367-12-4	84.600	102.174	% Recov	08/11/03	50.000	110.000	
SPK-RPD	Acenaphthene	83-32-9	75.500	3.641	RPD	08/11/03	0.000	25.000	
SPK-RPD	4-Chloro-3-methylphenol	59-50-7	73.100	6.936	RPD	08/11/03	0.000	25.000	
SPK-RPD	2-Chlorophenol	95-57-8	83.200	10.500	RPD	08/11/03	0.000	25.000	
SPK-RPD	N-Nitrosodi-n-dipropylamine	621-64-7	89.500	2.603	RPD	08/11/03	0.000	25.000	
SPK-RPD	2-Fluorobiphenyl	321-60-8	76.000	111.111	% Recov	08/11/03	58.000	109.000	*
SPK-RPD	Phenol	108-95-2	83.800	5.770	RPD	08/11/03	0.000	16.000	
SPK-RPD	Nitrobenzene-d5	4165-60-0	74.000	108.029	% Recov	08/11/03	60.000	118.000	
SPK-RPD	4-Nitrophenol	100-02-7	61.700	19.183	RPD	08/11/03	0.000	25.000	
SPK-RPD	Pentachlorophenol	87-86-5	83.600	6.038	RPD	08/11/03	0.000	25.000	
SPK-RPD	Phenol-d5	4165-62-2	81.500	101.494	% Recov	08/11/03	59.000	116.000	
SPK-RPD	Pyrene	129-00-0	76.600	6.748	RPD	08/11/03	0.000	25.000	
SPK-RPD	2,4,6-Tribromophenol	118-79-6	83.000	107.374	% Recov	08/11/03	60.000	120.000	
SPK-RPD	Terphenyl-d14 (7Cl)	98904-43-9	75.500	118.153	% Recov	08/11/03	60.000	120.000	
SURR	2-Fluorophenol	367-12-4	39.399	67.800	% Recov	08/11/03	50.000	110.000	
SURR	2-Fluorobiphenyl	321-60-8	37.169	63.900	% Recov	08/11/03	58.000	109.000	
SURR	Nitrobenzene-d5	4165-60-0	34.935	60.100	% Recov	08/11/03	60.000	118.000	
SURR	Phenol-d5	4165-62-2	44.865	77.200	% Recov	08/11/03	59.000	116.000	
SURR	2,4,6-Tribromophenol	118-79-6	39.038	67.100	% Recov	08/11/03	60.000	120.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20031007
Matrix: WATER
Test: SW-846 8270B Semi-Vols

SAF Number: F02-009
Sample Date: 07/29/03
Receive Date:07/29/03

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
SURR	Terphenyl-d14 (7Cl)	98904-43-9	30.551	52.500	% Recov	08/11/03	60.000	120.000	*
Lab ID: W030000645									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	2-Fluorophenol	367-12-4	43.495	73.100	% Recov	08/11/03	50.000	110.000	
SURR	2-Fluorobiphenyl	321-60-8	36.926	62.000	% Recov	08/11/03	58.000	109.000	
SURR	Nitrobenzene-d5	4165-60-0	36.929	62.000	% Recov	08/11/03	60.000	118.000	
SURR	Phenol-d5	4165-62-2	46.696	78.400	% Recov	08/11/03	59.000	116.000	
SURR	2,4,6-Tribromophenol	118-79-6	51.618	86.700	% Recov	08/11/03	60.000	120.000	
SURR	Terphenyl-d14 (7Cl)	98904-43-9	39.166	65.800	% Recov	08/11/03	60.000	120.000	
Lab ID: W030000646									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	2-Fluorophenol	367-12-4	43.330	71.100	% Recov	08/11/03	50.000	110.000	
SURR	2-Fluorobiphenyl	321-60-8	40.381	66.200	% Recov	08/11/03	58.000	109.000	
SURR	Nitrobenzene-d5	4165-60-0	37.752	61.900	% Recov	08/11/03	60.000	118.000	
SURR	Phenol-d5	4165-62-2	47.749	78.300	% Recov	08/11/03	59.000	116.000	
SURR	2,4,6-Tribromophenol	118-79-6	49.856	81.800	% Recov	08/11/03	60.000	120.000	
SURR	Terphenyl-d14 (7Cl)	98904-43-9	30.003	49.200	% Recov	08/11/03	60.000	120.000	*
Lab ID: W030000647									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	2-Fluorophenol	367-12-4	33.713	54.600	% Recov	08/11/03	50.000	110.000	
SURR	2-Fluorobiphenyl	321-60-8	33.567	54.400	% Recov	08/11/03	58.000	109.000	*
SURR	Nitrobenzene-d5	4165-60-0	33.708	54.600	% Recov	08/11/03	60.000	118.000	*
SURR	Phenol-d5	4165-62-2	37.082	60.100	% Recov	08/11/03	59.000	116.000	
SURR	2,4,6-Tribromophenol	118-79-6	37.880	61.400	% Recov	08/11/03	60.000	120.000	
SURR	Terphenyl-d14 (7Cl)	98904-43-9	7.4520	12.100	% Recov	08/11/03	60.000	120.000	*

Lab ID: W030000648

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20031007
Matrix: WATER
Test: SW-846 8270B Semi-Vols

SAF Number: F02-009
Sample Date: 07/29/03
Receive Date:07/29/03

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	2-Fluorophenol	367-12-4	36.820	60.400	% Recov	08/11/03	50.000	110.000	
SURR	2-Fluorobiphenyl	321-60-8	38.107	62.500	% Recov	08/11/03	58.000	109.000	
SURR	Nitrobenzene-d5	4165-60-0	38.020	62.400	% Recov	08/11/03	60.000	118.000	
SURR	Phenol-d5	4165-62-2	45.054	73.900	% Recov	08/11/03	59.000	116.000	
SURR	2,4,6-Tribromophenol	118-79-6	49.328	80.900	% Recov	08/11/03	60.000	120.000	
SURR	Terphenyl-d14 (7Cl)	98904-43-9	31.010	50.900	% Recov	08/11/03	60.000	120.000	*
Lab ID: W030000649									
BATCH QC ASSOCIATED WITH SAMPLE									
SURR	2-Fluorophenol	367-12-4	41.337	67.800	% Recov	08/11/03	50.000	110.000	
SURR	2-Fluorobiphenyl	321-60-8	39.513	64.800	% Recov	08/11/03	58.000	109.000	
SURR	Nitrobenzene-d5	4165-60-0	41.870	68.700	% Recov	08/11/03	60.000	118.000	
SURR	Phenol-d5	4165-62-2	47.184	77.400	% Recov	08/11/03	59.000	116.000	
SURR	2,4,6-Tribromophenol	118-79-6	47.675	78.200	% Recov	08/11/03	60.000	120.000	
SURR	Terphenyl-d14 (7Cl)	98904-43-9	7.4610	12.200	% Recov	08/11/03	60.000	120.000	*
BATCH QC									
BLANK	1,2-Dichlorobenzene	95-50-1	< 4.2	n/a	ug/L	08/11/03			U
BLANK	1,2,4-Trichlorobenzene	120-82-1	< 3.0	n/a	ug/L	08/11/03			U
BLANK	1,3-Dichlorobenzene	541-73-1	< 5.2	n/a	ug/L	08/11/03			U
BLANK	1,4-Dichlorobenzene	106-46-7	< 5.0	n/a	ug/L	08/11/03			U
BLANK	2,4-Dichlorophenol	120-83-2	< 1.4	n/a	ug/L	08/11/03			U
BLANK	2,4-Dinitrotoluene	121-14-2	< 1.8	n/a	ug/L	08/11/03			U
BLANK	2,4,5-Trichlorophenol	95-95-4	< 1.9	n/a	ug/L	08/11/03			U
BLANK	2,4,6-Trichlorophenol	88-06-2	< 2.4	n/a	ug/L	08/11/03			U
BLANK	2,4-Dimethylphenol	105-67-9	< 4.3	n/a	ug/L	08/11/03			U
BLANK	2,6-Dinitrotoluene	606-20-2	< 2.2	n/a	ug/L	08/11/03			U
BLANK	2-Chloronaphthalene	91-58-7	< 2.3	n/a	ug/L	08/11/03			U
BLANK	2-Fluorophenol	367-12-4	35.512	71.000	% Recov	08/11/03	50.000	110.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20031007
Matrix: WATER
Test: SW-846 8270B Semi-Vols

SAF Number: F02-009
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	< 1.9	n/a	ug/L	08/11/03			U
BLANK	2-Methylphenol (cresol, o-)	95-48-7	< 2.3	n/a	ug/L	08/11/03			U
BLANK	2-Nitroaniline	88-74-4	< 2.1	n/a	mg/L	08/11/03			U
BLANK	2-Nitrophenol	88-75-5	< 2.0	n/a	ug/L	08/11/03			U
BLANK	3 & 4 Methylphenol Total	65794-96-9	< 3.2	n/a	ug/L	08/11/03	0.000	5.000	U
BLANK	3-Nitroaniline	99-09-2	< 4.5	n/a	mg/L	08/11/03			U
BLANK	4,6-Dinitro-2-methylphenol	534-52-1	< 1.7	n/a	ug/L	08/11/03			U
BLANK	4-Bromophenylphenyl ether	101-55-3	< 1.9	n/a	ug/L	08/11/03			U
BLANK	4-Chlorophenylphenyl ether	7005-72-3	< 2.2	n/a	ug/L	08/11/03			U
BLANK	Acenaphthene	83-32-9	< 2.4	n/a	ug/L	08/11/03			U
BLANK	Acenaphthylene	208-96-8	< 2.3	n/a	ug/L	08/11/03			U
BLANK	Anthracene	120-12-7	< 2.0	n/a	ug/L	08/11/03			U
BLANK	Bis(2-chloroethyl) ether	111-44-4	< 3.4	n/a	mg/L	08/11/03			U
BLANK	Benzo(a)anthracene	56-55-3	< 2.1	n/a	ug/L	08/11/03			U
BLANK	Benzo(b)fluoranthene	205-99-2	< 1.7	n/a	ug/L	08/11/03			U
BLANK	Benzo(ghi)perylene	191-24-2	< 2.5	n/a	ug/L	08/11/03			U
BLANK	Benzo(a)pyrene	50-32-8	< 2.1	n/a	ug/L	08/11/03			U
BLANK	Bis(2-Chloroethoxy)methane	111-91-1	< 2.0	n/a	ug/L	08/11/03			U
BLANK	Bis(2-ethylhexyl) phthalate	117-81-7	< 2.6	n/a	mg/L	08/11/03			U
BLANK	Bis(2-chloro-1-methylethyl)eth	108-60-1	< 2.1	n/a	ug/L	08/11/03	0.000	10.000	U
BLANK	Benzo(k)fluoranthene	207-08-9	< 2.8	n/a	ug/L	08/11/03			U
BLANK	Butylbenzylphthalate	85-68-7	< 2.0	n/a	mg/L	08/11/03			U
BLANK	Carbazole	86-74-8	< 1.4	n/a	mg/L	08/11/03			U
BLANK	4-Chloroaniline	106-47-8	< 7.2	n/a	mg/L	08/11/03			U
BLANK	4-Chloro-3-methylphenol	59-50-7	< 1.3	n/a	ug/L	08/11/03			U
BLANK	2-Chlorophenol	95-57-8	< 1.7	n/a	ug/L	08/11/03			U
BLANK	Chrysene	218-01-9	< 2.3	n/a	ug/L	08/11/03			U
BLANK	3,3'-Dichlorobenzidine	91-94-1	< 4.1	n/a	ug/L	08/11/03			U
BLANK	Dibenz[a,h]anthracene	53-70-3	< 2.6	n/a	ug/L	08/11/03			U
BLANK	Dibenzofuran	132-64-9	< 1.9	n/a	mg/L	08/11/03			U

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20031007
Matrix: WATER
Test: SW-846 8270B Semi-Vols

SAF Number: F02-009
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BLANK	Di-n-butylphthalate	84-74-2	< 2.1	n/a	mg/L	08/11/03			U
BLANK	Diethylphthalate	84-66-2	< 6.3	n/a	mg/L	08/11/03			U
BLANK	Dimethyl phthalate	131-11-3	< 2.1	n/a	mg/L	08/11/03			U
BLANK	2,4-Dinitrophenol	51-28-5	< 3.3	n/a	ug/L	08/11/03			U
BLANK	Di-n-octylphthalate	117-84-0	< 2.5	n/a	mg/L	08/11/03			U
BLANK	N-Nitrosodi-n-dipropylamine	621-64-7	< 1.7	n/a	ug/L	08/11/03			U
BLANK	2-Fluorobiphenyl	321-60-8	34.803	69.600	% Recov	08/11/03	58.000	109.000	
BLANK	Fluorene	86-73-7	< 2.0	n/a	ug/L	08/11/03			U
BLANK	Fluoranthene	206-44-0	< 2.1	n/a	ug/L	08/11/03			U
BLANK	Hexachlorobenzene	118-74-1	< 2.1	n/a	ug/L	08/11/03			U
BLANK	Hexachlorobutadiene	87-68-3	< 3.6	n/a	ug/L	08/11/03			U
BLANK	Hexachlorocyclopentadiene	77-47-4	< 7.8	n/a	ug/L	08/11/03			U
BLANK	Hexachloroethane	67-72-1	< 5.5	n/a	ug/L	08/11/03			U
BLANK	Indeno(1,2,3-cd)pyrene	193-39-5	< 2.6	n/a	ug/L	08/11/03			U
BLANK	Isophorone	78-59-1	< 1.9	n/a	mg/L	08/11/03			U
BLANK	Phenol	108-95-2	< 1.7	n/a	ug/L	08/11/03			U
BLANK	Naphthalene	91-20-3	< 2.4	n/a	ug/L	08/11/03			U
BLANK	Nitrobenzene-d5	4165-60-0	31.751	63.500	% Recov	08/11/03	60.000	118.000	
BLANK	Nitrobenzene	98-95-3	< 2.0	n/a	ug/L	08/11/03			U
BLANK	4-Nitrophenol	100-02-7	< 1.4	n/a	ug/L	08/11/03			U
BLANK	4-Nitroaniline	100-01-6	< 2.9	n/a	mg/L	08/11/03			U
BLANK	N-Nitrosodiphenylamine	86-30-6	< 2.3	n/a	ug/L	08/11/03			U
BLANK	Pentachlorophenol	87-86-5	< 1.7	n/a	ug/L	08/11/03			U
BLANK	Phenanthrene	85-01-8	< 2.2	n/a	ug/L	08/11/03			U
BLANK	Phenol-d5	4165-62-2	38.859	77.700	% Recov	08/11/03	59.000	116.000	
BLANK	Pyrene	129-00-0	< 2.1	n/a	ug/L	08/11/03			U
BLANK	2,4,6-Tribromophenol	118-79-6	35.442	70.900	% Recov	08/11/03	60.000	120.000	
BLANK	Terphenyl-d14 (7Cl)	98904-43-9	34.183	68.400	% Recov	08/11/03	60.000	120.000	
LCS	1,2,4-Trichlorobenzene	120-82-1	40.213	80.400	% Recov	08/12/03	46.000	107.000	
LCS	1,4-Dichlorobenzene	106-46-7	40.752	81.500	% Recov	08/12/03	42.000	111.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20031007
Matrix: WATER
Test: SW-846 8270B Semi-Vols

SAF Number: F02-009
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
LCS	2,4-Dinitrotoluene	121-14-2	40.083	80.200	% Recov	08/12/03	59.000	106.000	
LCS	2-Fluorophenol	367-12-4	40.696	81.400	% Recov	08/12/03	50.000	110.000	
LCS	Acenaphthene	83-32-9	44.355	88.700	% Recov	08/12/03	61.000	116.000	
LCS	4-Chloro-3-methylphenol	59-50-7	60.052	80.100	% Recov	08/12/03	61.000	106.000	
LCS	2-Chlorophenol	95-57-8	59.256	79.000	% Recov	08/12/03	66.000	106.000	
LCS	N-Nitrosodi-n-dipropylamine	621-64-7	46.166	92.300	% Recov	08/12/03	71.000	114.000	
LCS	2-Fluorobiphenyl	321-60-8	41.860	83.700	% Recov	08/12/03	58.000	109.000	
LCS	Phenol	108-95-2	60.812	81.100	% Recov	08/12/03	67.000	105.000	
LCS	Nitrobenzene-d5	4165-60-0	37.346	74.700	% Recov	08/12/03	60.000	118.000	
LCS	4-Nitrophenol	100-02-7	66.668	88.900	% Recov	08/12/03	32.000	118.000	
LCS	Pentachlorophenol	87-86-5	72.482	96.600	% Recov	08/12/03	62.000	114.000	
LCS	Phenol-d5	4165-62-2	39.406	78.800	% Recov	08/12/03	59.000	116.000	
LCS	Pyrene	129-00-0	33.991	68.000	% Recov	08/12/03	66.000	118.000	
LCS	2,4,6-Tribromophenol	118-79-6	52.053	104.000	% Recov	08/12/03	60.000	120.000	
LCS	Terphenyl-d14 (7Cl)	98904-43-9	36.906	73.800	% Recov	08/12/03	60.000	120.000	

WSCF ANALYTICAL LABORATORY QC REPORT

2-49

SDG Number: WSCF20031007
Matrix: WATER
Test: Plutonium Isotopics by AEA

SAF Number: F02-009
Sample Date: 07/29/03
Receive Date:07/29/03

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W030000644									
BATCH QC ASSOCIATED WITH SAMPLE									
DUP	Pu-239/240 by AEA	PU-239/240	1.4e-02	96.296	RPD	08/11/03	0.000	20.000	*
BATCH QC									
BLANK	Pu-239/240 by AEA	PU-239/240	3.9e-02	0.039	pCi/L	08/12/03	-100.000	100.000	
LCS	Pu-239/240 by AEA	PU-239/240	6.124	99.577	% Recov	08/11/03	75.000	125.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20031007
Matrix: WATER
Test: Americium by AEA

SAF Number: F02-009
Sample Date: 07/29/03
Receive Date:07/29/03

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
Lab ID: W030000644									
BATCH QC ASSOCIATED WITH SAMPLE									
DUP	Americium-241	14596-10-2	6.9e-02	15.625	RPD	08/11/03	0.000	20.000	
BATCH QC									
BLANK	Americium-241	14596-10-2	1.8e-01	0.180	pCi/L	08/11/03	-100.000	100.000	
LCS	Americium-241	14596-10-2	5.23	79.544	% Recov	08/11/03	75.000	125.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20031007
Matrix: WATER
Test: VOA Ground Water Protection

SAF Number: F02-009
Sample Date: 07/29/03
Receive Date:07/29/03

Lab ID: W030000639
BATCH QC ASSOCIATED WITH SAMPLE

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
MS	1,1-Dichloroethene	75-35-4	26.000	104.000	% Recov	08/05/03	63.000	117.000	
MS	Benzene	71-43-2	26.000	104.000	% Recov	08/05/03	75.000	129.000	
MS	4-Bromofluorobenzene	460-00-4	48.000	96.000	% Recov	08/05/03	84.000	116.000	
MS	Chlorobenzene	108-90-7	27.000	108.000	% Recov	08/05/03	79.000	119.000	
MS	1,2-Dichloroethane-d4	17060-07-0	52.000	104.000	% Recov	08/05/03	82.000	136.000	
MS	Toluene-d8	2037-26-5	51.000	102.000	% Recov	08/05/03	89.000	119.000	
MS	Toluene	108-88-3	27.000	108.000	% Recov	08/05/03	76.000	120.000	
MS	Trichloroethene	79-01-6	26.000	104.000	% Recov	08/05/03	73.000	123.000	
MSD	1,1-Dichloroethene	75-35-4	26.000	104.000	% Recov	08/05/03	63.000	117.000	
MSD	Benzene	71-43-2	27.000	108.000	% Recov	08/05/03	75.000	129.000	
MSD	4-Bromofluorobenzene	460-00-4	48.000	96.000	% Recov	08/05/03	84.000	116.000	
MSD	Chlorobenzene	108-90-7	27.000	108.000	% Recov	08/05/03	79.000	119.000	
MSD	1,2-Dichloroethane-d4	17060-07-0	52.000	104.000	% Recov	08/05/03	82.000	136.000	
MSD	Toluene-d8	2037-26-5	50.000	100.000	% Recov	08/05/03	89.000	119.000	
MSD	Toluene	108-88-3	27.000	108.000	% Recov	08/05/03	76.000	120.000	
MSD	Trichloroethene	79-01-6	26.000	104.000	% Recov	08/05/03	73.000	123.000	

Lab ID: W030000644
BATCH QC ASSOCIATED WITH SAMPLE

MS	1,1-Dichloroethene	75-35-4	25.000	100.000	% Recov	08/05/03	63.000	117.000	
MS	Benzene	71-43-2	27.000	108.000	% Recov	08/05/03	75.000	129.000	
MS	4-Bromofluorobenzene	460-00-4	48.000	96.000	% Recov	08/05/03	84.000	116.000	
MS	Chlorobenzene	108-90-7	26.000	104.000	% Recov	08/05/03	79.000	119.000	
MS	1,2-Dichloroethane-d4	17060-07-0	52.000	104.000	% Recov	08/05/03	82.000	136.000	
MS	Toluene-d8	2037-26-5	51.000	102.000	% Recov	08/05/03	89.000	119.000	
MS	Toluene	108-88-3	27.000	108.000	% Recov	08/05/03	76.000	120.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20031007
Matrix: WATER
Test: VOA Ground Water Protection

SAF Number: F02-009
Sample Date: 07/29/03
Receive Date:07/29/03

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
MS	Trichloroethene	79-01-6	26.000	104.000	% Recov	08/05/03	73.000	123.000	
MSD	1,1-Dichloroethene	75-35-4	24.000	96.000	% Recov	08/05/03	63.000	117.000	
MSD	Benzene	71-43-2	27.000	108.000	% Recov	08/05/03	75.000	129.000	
MSD	4-Bromofluorobenzene	460-00-4	48.000	96.000	% Recov	08/05/03	84.000	116.000	
MSD	Chlorobenzene	108-90-7	27.000	108.000	% Recov	08/05/03	79.000	119.000	
MSD	1,2-Dichloroethane-d4	17060-07-0	54.000	108.000	% Recov	08/05/03	82.000	136.000	
MSD	Toluene-d8	2037-26-5	51.000	102.000	% Recov	08/05/03	89.000	119.000	
MSD	Toluene	108-88-3	27.000	108.000	% Recov	08/05/03	76.000	120.000	
MSD	Trichloroethene	79-01-6	27.000	108.000	% Recov	08/05/03	73.000	123.000	
SPK-RPD	1,1-Dichloroethene	75-35-4	96.000	4.082	RPD	08/05/03	0.000	10.000	
SPK-RPD	Benzene	71-43-2	108.000	0.000	RPD	08/05/03	0.000	10.000	
SPK-RPD	Chlorobenzene	108-90-7	108.000	3.774	RPD	08/05/03	0.000	10.000	
SPK-RPD	1,2-Dichloroethane-d4	17060-07-0	108.000	3.774	RPD	08/05/03	0.000	25.000	
SPK-RPD	Toluene-d8	2037-26-5	102.000	0.000	RPD	08/05/03	0.000	25.000	
SPK-RPD	Toluene	108-88-3	108.000	0.000	RPD	08/05/03	0.000	10.000	
SPK-RPD	Trichloroethene	79-01-6	108.000	3.774	RPD	08/05/03	0.000	10.000	
SURR	4-Bromofluorobenzene	460-00-4	48.000	96.000	% Recov	08/05/03	84.000	116.000	
SURR	1,2-Dichloroethane-d4	17060-07-0	52.000	104.000	% Recov	08/05/03	82.000	136.000	
SURR	Toluene-d8	2037-26-5	51.000	102.000	% Recov	08/05/03	89.000	119.000	

Lab ID: W030000645
BATCH QC ASSOCIATED WITH SAMPLE

SURR	4-Bromofluorobenzene	460-00-4	48.000	96.000	% Recov	08/05/03	84.000	116.000	
SURR	1,2-Dichloroethane-d4	17060-07-0	54.000	108.000	% Recov	08/05/03	82.000	136.000	
SURR	Toluene-d8	2037-26-5	51.000	102.000	% Recov	08/05/03	89.000	119.000	

Lab ID: W030000646
BATCH QC ASSOCIATED WITH SAMPLE

SURR	4-Bromofluorobenzene	460-00-4	47.000	94.000	% Recov	08/05/03	84.000	116.000	
SURR	1,2-Dichloroethane-d4	17060-07-0	53.000	106.000	% Recov	08/05/03	82.000	136.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20031007
Matrix: WATER
Test: VOA Ground Water Protection

SAF Number: F02-009
Sample Date: 07/29/03
Receive Date:07/29/03

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
SURR	Toluene-d8	2037-26-5	51.000	102.000	% Recov	08/05/03	89.000	119.000	

Lab ID: W030000647
BATCH QC ASSOCIATED WITH SAMPLE

SURR	4-Bromofluorobenzene	460-00-4	48.000	96.000	% Recov	08/05/03	84.000	116.000	
SURR	1,2-Dichloroethane-d4	17060-07-0	55.000	110.000	% Recov	08/05/03	82.000	136.000	
SURR	Toluene-d8	2037-26-5	51.000	102.000	% Recov	08/05/03	89.000	119.000	

Lab ID: W030000648
BATCH QC ASSOCIATED WITH SAMPLE

SURR	4-Bromofluorobenzene	460-00-4	47.000	94.000	% Recov	08/05/03	84.000	116.000	
SURR	1,2-Dichloroethane-d4	17060-07-0	54.000	108.000	% Recov	08/05/03	82.000	136.000	
SURR	Toluene-d8	2037-26-5	50.000	100.000	% Recov	08/05/03	89.000	119.000	

Lab ID: W030000649
BATCH QC ASSOCIATED WITH SAMPLE

SURR	4-Bromofluorobenzene	460-00-4	46.000	92.000	% Recov	08/05/03	84.000	116.000	
SURR	1,2-Dichloroethane-d4	17060-07-0	53.000	106.000	% Recov	08/05/03	82.000	136.000	
SURR	Toluene-d8	2037-26-5	51.000	102.000	% Recov	08/05/03	89.000	119.000	

BATCH QC

BLANK	1,1-Dichloroethane	75-34-3	< 1.0	n/a	ug/L	08/05/03			U
BLANK	1,1,1-Trichloroethane	71-55-6	< 1.0	n/a	ug/L	08/05/03			U
BLANK	1,1,2-Trichloroethane	79-00-5	< 1.0	n/a	ug/L	08/05/03			U
BLANK	1,1,2,2-Tetrachloroethane	79-34-5	< 1.0	n/a	ug/L	08/05/03	0.000	5.000	U
BLANK	1,1-Dichloroethene	75-35-4	< 1.0	n/a	ug/L	08/05/03			U
BLANK	1,2-Dichloroethane	107-06-2	< 1.0	n/a	ug/L	08/05/03			U
BLANK	1,2-Dichloroethene(Total)	540-59-0	< 1.0	n/a	ug/L	08/05/03			U
BLANK	2-Hexanone	591-78-6	< 1.0	n/a	mg/L	08/05/03			U
BLANK	4-Methyl-2-Pentanone	108-10-1	< 1.0	n/a	mg/L	08/05/03			U

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20031007
Matrix: WATER
Test: VOA Ground Water Protection

SAF Number: F02-009
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BLANK	Acetone	67-64-1	5.0	5.000	mg/L	08/05/03			
BLANK	Bromodichloromethane	75-27-4	< 1.0	n/a	ug/L	08/05/03			U
BLANK	Benzene	71-43-2	< 1.0	n/a	ug/L	08/05/03			U
BLANK	4-Bromofluorobenzene	460-00-4	49.000	98.000	% Recov	08/05/03	84.000	116.000	
BLANK	Bromoform	75-25-2	< 1.0	n/a	mg/L	08/05/03			U
BLANK	Carbon disulfide	75-15-0	< 1.0	n/a	mg/L	08/05/03			U
BLANK	Carbon tetrachloride	56-23-5	< 1.0	n/a	mg/L	08/05/03			U
BLANK	Dibromochloromethane	124-48-1	< 1.0	n/a	ug/L	08/05/03			U
BLANK	Chloroform	67-66-3	< 1.0	n/a	mg/L	08/05/03			U
BLANK	Chlorobenzene	108-90-7	< 1.0	n/a	ug/L	08/05/03			U
BLANK	cis-1,3-Dichloropropene	10061-01-5	< 1.0	n/a	ug/L	08/05/03			U
BLANK	Chloroethane	75-00-3	< 1.0	n/a	ug/L	08/05/03			U
BLANK	1,2-Dichloroethane-d4	17060-07-0	52.000	104.000	% Recov	08/05/03	82.000	136.000	
BLANK	1,2-Dichloropropane	78-87-5	< 1.0	n/a	ug/L	08/05/03			U
BLANK	Ethylbenzene	100-41-4	< 1.0	n/a	ug/L	08/05/03			U
BLANK	Bromomethane	74-83-9	< 1.0	n/a	ug/L	08/05/03			U
BLANK	Chloromethane	74-87-3	< 1.0	n/a	ug/L	08/05/03			U
BLANK	2-Butanone	78-93-3	< 1.0	n/a	mg/L	08/05/03			U
BLANK	Methylenechloride	75-09-2	< 1.0	n/a	ug/L	08/05/03			U
BLANK	Tetrachloroethene	127-18-4	< 1.0	n/a	ug/L	08/05/03			U
BLANK	Styrene	100-42-5	< 1.0	n/a	ug/L	08/05/03			U
BLANK	Xylenes (total)	1330-20-7	< 1.0	n/a	ug/L	08/05/03	0.000	5.000	U
BLANK	Toluene-d8	2037-26-5	50.000	100.000	% Recov	08/05/03	89.000	119.000	
BLANK	Toluene	108-88-3	< 1.0	n/a	ug/L	08/05/03			U
BLANK	trans-1,3-Dichloropropene	10061-02-6	< 1.0	n/a	ug/L	08/05/03			U
BLANK	Trichloroethene	79-01-6	< 1.0	n/a	ug/L	08/05/03			U
BLANK	Vinyl chloride	75-01-4	< 1.0	n/a	mg/L	08/05/03			U
LCS	1,1-Dichloroethene	75-35-4	27.000	108.000	% Recov	08/05/03	70.000	130.000	
LCS	Benzene	71-43-2	27.000	108.000	% Recov	08/05/03	70.000	130.000	
LCS	4-Bromofluorobenzene	460-00-4	47.000	94.000	% Recov	08/05/03	84.000	116.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20031007
Matrix: WATER
Test: VOA Ground Water Protection

SAF Number: F02-009
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
LCS	Chlorobenzene	108-90-7	27.000	108.000	% Recov	08/05/03	70.000	130.000	
LCS	1,2-Dichloroethane-d4	17060-07-0	53.000	106.000	% Recov	08/05/03	82.000	136.000	
LCS	Toluene-d8	2037-26-5	51.000	102.000	% Recov	08/05/03	89.000	119.000	
LCS	Toluene	108-88-3	27.000	108.000	% Recov	08/05/03	70.000	130.000	
LCS	Trichloroethene	79-01-6	26.000	104.000	% Recov	08/05/03	70.000	130.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20031007
Matrix: WATER
Test: ICP-2008 MS All possible metal

SAF Number: F02-009
Sample Date: 07/29/03
Receive Date:07/29/03

Lab ID: W030000644

BATCH QC ASSOCIATED WITH SAMPLE

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
MS	Mercury	7439-97-6	1.00e-01	n/a	% Recov	08/27/03	70.000	130.000	
MSD	Mercury	7439-97-6	2.07e-02	n/a	% Recov	08/27/03	70.000	130.000	
SPK-POST	Mercury	7439-97-6	1.97e+01	98.500	% Recov	08/27/03	75.000	125.000	

BATCH QC

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BLANK	Mercury	7439-97-6	1.14e-01	0.114	ug/L	08/27/03	-0.220	0.220	
LCS	Mercury	7439-97-6	2.15e+00	107.500	% Recov	08/27/03	85.000	115.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20031007
Matrix: WATER
Test: ICP Metals Analysis, Grd H20 P

SAF Number: F02-009
Sample Date: 07/29/03
Receive Date:07/29/03

Lab ID: W030000644
BATCH QC ASSOCIATED WITH SAMPLE

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
MS	Silver	7440-22-4	1100	110.000	% Recov	08/21/03	75.000	125.000	
MS	Aluminum	7429-90-5	1435	143.500	% Recov	08/21/03	75.000	125.000	*
MS	Barium	7440-39-3	1110	111.000	% Recov	08/21/03	75.000	125.000	
MS	Calcium	7440-70-2	974.3	97.430	% Recov	08/21/03	75.000	125.000	
MS	Cadmium	7440-43-9	1130	113.000	% Recov	08/21/03	75.000	125.000	
MS	Cobalt	7440-48-4	1109	110.900	% Recov	08/21/03	75.000	125.000	
MS	Chromium	7440-47-3	1060	106.000	% Recov	08/21/03	75.000	125.000	
MS	Copper	7440-50-8	1160	116.000	% Recov	08/21/03	75.000	125.000	
MS	Iron	7439-89-6	1244	124.400	% Recov	08/21/03	75.000	125.000	
MS	Potassium	7440-09-7	10560	105.600	% Recov	08/21/03	75.000	125.000	
MS	Magnesium	7439-95-4	1081	108.100	% Recov	08/21/03	75.000	125.000	
MS	Manganese	7439-96-5	1100	110.000	% Recov	08/21/03	75.000	125.000	
MS	Sodium	7440-23-5	1079	107.900	% Recov	08/21/03	75.000	125.000	
MS	Nickel	7440-02-0	1109	110.900	% Recov	08/21/03	75.000	125.000	
MS	Antimony	7440-36-0	1086	108.600	% Recov	08/21/03	75.000	125.000	
MS	Vanadium	7440-62-2	1080	108.000	% Recov	08/21/03	75.000	125.000	
MS	Zinc	7440-66-6	1154	115.400	% Recov	08/21/03	75.000	125.000	
MSD	Silver	7440-22-4	1080	108.000	% Recov	08/21/03	75.000	125.000	
MSD	Aluminum	7429-90-5	1417	141.700	% Recov	08/21/03	75.000	125.000	*
MSD	Barium	7440-39-3	1090	109.000	% Recov	08/21/03	75.000	125.000	
MSD	Calcium	7440-70-2	953.8	95.380	% Recov	08/21/03	75.000	125.000	
MSD	Cadmium	7440-43-9	1110	111.000	% Recov	08/21/03	75.000	125.000	
MSD	Cobalt	7440-48-4	1094	109.400	% Recov	08/21/03	75.000	125.000	
MSD	Chromium	7440-47-3	1050	105.000	% Recov	08/21/03	75.000	125.000	
MSD	Copper	7440-50-8	1150	115.000	% Recov	08/21/03	75.000	125.000	
MSD	Iron	7439-89-6	1095	109.500	% Recov	08/21/03	75.000	125.000	

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20031007
Matrix: WATER
Test: ICP Metals Analysis, Grd H20 P

SAF Number: F02-009
Sample Date: 07/29/03
Receive Date:07/29/03

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
MSD	Potassium	7440-09-7	10450	104.500	% Recov	08/21/03	75.000	125.000	
MSD	Magnesium	7439-95-4	1062	106.200	% Recov	08/21/03	75.000	125.000	
MSD	Manganese	7439-96-5	1080	108.000	% Recov	08/21/03	75.000	125.000	
MSD	Sodium	7440-23-5	1056	105.600	% Recov	08/21/03	75.000	125.000	
MSD	Nickel	7440-02-0	1087	108.700	% Recov	08/21/03	75.000	125.000	
MSD	Antimony	7440-36-0	1038	103.800	% Recov	08/21/03	75.000	125.000	
MSD	Vanadium	7440-62-2	1060	106.000	% Recov	08/21/03	75.000	125.000	
MSD	Zinc	7440-66-6	1130	113.000	% Recov	08/21/03	75.000	125.000	
SPK-RPD	Silver	7440-22-4	108.000	1.835	RPD	08/21/03	0.000	20.000	
SPK-RPD	Aluminum	7429-90-5	141.700	1.262	RPD	08/21/03	0.000	20.000	
SPK-RPD	Barium	7440-39-3	109.000	1.818	RPD	08/21/03	0.000	20.000	
SPK-RPD	Calcium	7440-70-2	95.380	2.126	RPD	08/21/03	0.000	20.000	
SPK-RPD	Cadmium	7440-43-9	111.000	1.786	RPD	08/21/03	0.000	20.000	
SPK-RPD	Cobalt	7440-48-4	109.400	1.362	RPD	08/21/03	0.000	20.000	
SPK-RPD	Chromium	7440-47-3	105.000	0.948	RPD	08/21/03	0.000	20.000	
SPK-RPD	Copper	7440-50-8	115.000	0.866	RPD	08/21/03	0.000	20.000	
SPK-RPD	Iron	7439-89-6	109.500	12.740	RPD	08/21/03	0.000	20.000	
SPK-RPD	Potassium	7440-09-7	104.500	1.047	RPD	08/21/03	0.000	20.000	
SPK-RPD	Magnesium	7439-95-4	106.200	1.773	RPD	08/21/03	0.000	20.000	
SPK-RPD	Manganese	7439-96-5	108.000	1.835	RPD	08/21/03	0.000	20.000	
SPK-RPD	Sodium	7440-23-5	105.600	2.155	RPD	08/21/03	0.000	20.000	
SPK-RPD	Nickel	7440-02-0	108.700	2.004	RPD	08/21/03	0.000	20.000	
SPK-RPD	Antimony	7440-36-0	103.800	4.520	RPD	08/21/03	0.000	20.000	
SPK-RPD	Vanadium	7440-62-2	106.000	1.869	RPD	08/21/03	0.000	20.000	
SPK-RPD	Zinc	7440-66-6	113.000	2.102	RPD	08/21/03	0.000	20.000	

BATCH QC

BLANK	Silver	7440-22-4	<3.5	n/a	ug/L	08/21/03	-4.000	4.000	U
BLANK	Aluminum	7429-90-5	11	0.220	ug/L	08/21/03	-46.000	46.000	
BLANK	Barium	7440-39-3	<2.8	n/a	ug/L	08/21/03	-4.000	4.000	U

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: WSCF20031007
Matrix: WATER
Test: ICP Metals Analysis, Grd H20 P

SAF Number: F02-009
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
BLANK	Calcium	7440-70-2	<2.5	n/a	ug/L	08/21/03	-8.000	8.000	U
BLANK	Cadmium	7440-43-9	<2.3	n/a	ug/L	08/21/03	-8.000	8.000	U
BLANK	Cobalt	7440-48-4	<1.8	n/a	ug/L	08/21/03	-4.000	4.000	U
BLANK	Chromium	7440-47-3	<7.3	n/a	ug/L	08/21/03	-7.000	7.000	U
BLANK	Copper	7440-50-8	<4.8	n/a	ug/L	08/21/03	-4.000	4.000	U
BLANK	Iron	7439-89-6	<31	n/a	ug/L	08/21/03	-34.000	34.000	U
BLANK	Potassium	7440-09-7	<178	n/a	ug/L	08/21/03	-730.000	730.000	U
BLANK	Magnesium	7439-95-4	<37	n/a	ug/L	08/21/03	-91.000	91.000	U
BLANK	Manganese	7439-96-5	<2.7	n/a	ug/L	08/21/03	-4.000	4.000	U
BLANK	Sodium	7440-23-5	<29	n/a	ug/L	08/21/03	-79.000	79.000	U
BLANK	Nickel	7440-02-0	<7.1	n/a	ug/L	08/21/03	-15.000	15.000	U
BLANK	Antimony	7440-36-0	<45	n/a	ug/L	08/21/03	-50.000	50.000	U
BLANK	Vanadium	7440-62-2	<7.3	n/a	ug/L	08/21/03	-8.000	8.000	U
BLANK	Zinc	7440-66-6	<6.9	n/a	ug/L	08/21/03	-6.000	6.000	U
LCS	Silver	7440-22-4	1030	103.000	% Recov	08/21/03	75.000	125.000	
LCS	Aluminum	7429-90-5	1354	1.354	ug/L	08/21/03	-46.000	46.000	
LCS	Barium	7440-39-3	1060	106.000	% Recov	08/21/03	80.000	120.000	
LCS	Calcium	7440-70-2	968.8	0.969	ug/L	08/21/03	-68.000	68.000	
LCS	Cadmium	7440-43-9	1065	106.500	% Recov	08/21/03	75.000	125.000	
LCS	Cobalt	7440-48-4	1061	1.061	ug/L	08/21/03	-4.000	4.000	
LCS	Chromium	7440-47-3	1030	103.000	% Recov	08/21/03	75.000	125.000	
LCS	Copper	7440-50-8	1080	108.000	% Recov	08/21/03	75.000	125.000	
LCS	Iron	7439-89-6	1069	1.069	ug/L	08/21/03	-34.000	34.000	
LCS	Potassium	7440-09-7	9858	0.986	ug/L	08/21/03	-730.000	730.000	
LCS	Magnesium	7439-95-4	1024	1.024	ug/L	08/21/03	-91.000	91.000	
LCS	Manganese	7439-96-5	1050	105.000	% Recov	08/21/03	80.000	120.000	
LCS	Sodium	7440-23-5	1005	1.005	ug/L	08/21/03	-79.000	79.000	
LCS	Nickel	7440-02-0	1051	105.100	% Recov	08/21/03	80.000	120.000	
LCS	Antimony	7440-36-0	1005	100.500	% Recov	08/21/03	80.000	120.000	
LCS	Vanadium	7440-62-2	1030	103.000	% Recov	08/21/03	80.000	120.000	

WSCF ANALYTICAL LABORATORY QC REPORT

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SDG Number: WSCF20031007
Matrix: WATER
Test: ICP Metals Analysis, Grd H20 P

SAF Number: F02-009
Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
LCS	Zinc	7440-66-6	1049	104.900	% Recov	08/21/03	80.000	120.000	

T4180-03-SLF-031

ATTACHMENT 3

SAMPLE RECEIPT INFORMATION

Consisting of 5 pages
Cover page not included

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

File
Revised
9/3/03
ICP-GPP to GPP-60

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Ground Water Protection Program

Richland, WA 99352
Attn: Steve Trent

Customer Code: GPP
PO#: 117546/ES20
Group#: 20031007
Project#: F02-009
Proj Mgr: STEVE TRENT A0-21
Phone: 373-5869

The following samples were received from you on 07/29/03. 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
W030000649	B17B04	GPP	TRENT Water	07/29/03
		@2008 @AB-32 @AEA-30 @AEA-31 @GPP6010		
		@H3-31 @SVOCGPP @VOA-GPP		
W030000648	B17B03	GPP	TRENT Water	07/29/03
		@2008 @AB-32 @AEA-30 @AEA-31 @GPP6010		
		@H3-31 @SVOCGPP @VOA-GPP		
W030000646	B17B01	GPP	TRENT Water	07/29/03
		@2008 @AB-32 @AEA-30 @AEA-31 @GPP6010		
		@H3-31 @SVOCGPP @VOA-GPP		
W030000644	B179Y9	GPP	TRENT Water	07/29/03
		@2008 @AB-32 @AEA-30 @AEA-31 @GPP6010		
		@H3-31 @SVOCGPP @VOA-GPP		
W030000645	B17B00	GPP	TRENT Water	07/29/03
		@2008 @AB-32 @AEA-30 @AEA-31 @GPP6010		
		@H3-31 @SVOCGPP @VOA-GPP		
W030000647	B17B02	GPP	TRENT Water	07/29/03
		@2008 @AB-32 @AEA-30 @AEA-31 @GPP6010		
		@H3-31 @SVOCGPP @VOA-GPP		

Test Acronym Description

Test Acronym	Description
@2008	ICP-2008 MS All possible metal
@AB-32	Gross Alpha/Gross Beta (AB32)
@AEA-30	Plutonium Isotopics by AEA
@AEA-31	Americium by AEA
@GPP6010	ICP Metals Analysis, Grd H20 P
@H3-31	Tritium by Liq. Scint.
@SVOCGPP	SW-846 8270B Semi-Vols
@VOA-GPP	VOA Ground Water Protection

MAM

8/26/03

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FH-Central Plateau Project	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F02-009-005	Page 1 of 2

Collector Johansen	Company Contact CS Wright	Telephone No. 373-3994	Project Coordinator TRENT, SJ	Price Code 7N Air Quality ☐	Data Turnaround 45 Days
Project Designation ModuTank - Annual Sampling of Purgewater	Sampling Location Purgewater Storage and Treatment Facility		SAF No. F02-009		
Ice Chest No.	Field Logbook No. HNF-N-3141	COA 117546ES10	Method of Shipment Federal Express		
Shipped To Waste Sampling & Characterization	Offsite Property No. N/A		Bill of Lading/Air Bill No. N/A		

POSSIBLE SAMPLE HAZARDS/REMARKS

***Historical Data indicates that samples are less than 2000 pCi/g total activity and therefore do not require a RCF rad screen for off-site shinment.*

Special Handling and/or Storage

Preservation	HCl to pH <2 Cool 4C	Cool 4C	HNO3 to pH <2	HNO3 to pH <2	HNO3 to pH <2	None	HNO3 to pH <2	HNO3 to pH <2	None	
Type of Container	aGs*	aG	P	P	P	P	P	P	P	
No. of Container(s)	3	4	1	1	1	1	1	1	1	
Volume	40mL	1000mL	500mL	500mL	1000mL	500mL	1000mL	1000mL	125mL	

SAMPLE ANALYSIS

2003/007

Sample No.	Matrix *	Sample Date	Sample Time	VOA - 8260A (TCL)	Semi-VOA - 8270A (TCL)	ICP Metals - 6010A (TAL)	ICP/MS - 200.8 (Add-on) (Mercury)	Isotopic Plutonium	Tritium - H3	Americium-241	Gross Alpha; Gross Beta	Activity Scan	
B179Y9 W03000644	WATER	7-29-03	0645	X	X	X	X	X	X	X	X	X	
B17B00	WATER	7-29-03	0825	X	X	X	X	X	X	X	X	X	
B17B01	WATER	7-29-03	0900	X	X	X	X	X	X	X	X	X	
B17B02	WATER	7-29-03	0940	X	X	X	X	X	X	X	X	X	
B17B03	WATER	7-29-03	0940	X	X	X	X	X	X	X	X	X	

CHAIN OF POSSESSION — **Sign/Print Names**

Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time
[illegible]	7-29-03 1500	Victor Bruce	7-29-03 1500

SPECIAL INSTRUCTIONS

Matrix *
S=Soil
SE=Sediment
SO=Solid
SI=Sludge
W = Water
O=Oil
A=Air
DS=Drum Solids
DL=Drum Liquids
T=Tissue
WI=Wipe
L=Liquid
V=Vegetation
X=Other

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

FH-Central Plateau Project	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST	F02-009-005	Page 2 of 2

Collector Johansen	Company Contact CS Wright	Telephone No. 373-3994	Project Coordinator TRENT, SJ	Price Code 7N Air Quality ☐	Data Turnaround 45 Days
Project Designation ModuTank - Annual Sampling of Purgewater	Sampling Location Purgewater Storage and Treatment Facility		SAF No. F02-009		
Ice Chest No.	Field Logbook No. HNF-N-3141	COA 117546ES10	Method of Shipment Federal Express		
Shipped To - Waste Sampling & Characterization	Offsite Property No. N/A		Bill of Lading/Air Bill No. N/A		

POSSIBLE SAMPLE HAZARDS/REMARKS

***Historical Data indicates that samples are less than 2000 pCi/g total activity and therefore do not require a RCF rad screen for off-site shipment.*

Special Handling and/or Storage

Preservation	HCl to pH <2 Cool 4C	Cool 4C	HNO3 to pH <2	HNO3 to pH <2	HNO3 to pH <2	None	HNO3 to pH <2	HNO3 to pH <2	None	
Type of Container	aGs*	aG	P	P	P	P	P	P	P	
No. of Container(s)	3	4	1	1	1	1	1	1	1	
Volume	40mL	1000mL	500mL	500mL	1000mL	500mL	1000mL	1000mL	125mL	
SAMPLE ANALYSIS	VOA - 8260A (TCL)	Semi-VOA - 8270A (TCL)	ICP Metals - 6010A (TAL)	ICP/MS - 200.8 (Add-on) (Mercury)	Isotopic Plutonium	Tritium - H3	Americium-241	Gross Alpha; Gross Beta	Activity Scan	

Sample No.	Matrix *	Sample Date	Sample Time										
B17B04	WATER	7-29-03	1045	X	X	X	X	X	X	X	X	X	

CHAIN OF POSSESSION		Sign/Print Names	
Relinquished By/Removed From	Date/Time 7-29-03 1500	Received By/Stored In	Date/Time 7-29-03 1500
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time

SPECIAL INSTRUCTIONS

Matrix *
S=Soil
SE=Sediment
SO=Solid
SI=Sludge
W = Water
O=Oil
A=Air
DS=Drum Solids
DL=Drum Liquids
T=Tissue
WI=Wipe
L=Liquid
V=Vegetation
X=Other

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

FE-011 (03/01/2002)

3-3

Neely, Michael
From: Trent, Stephen J
Sent: Tuesday, August 26, 2003 11:19 AM
To: Neely, Michael
Cc: Dale, Troy F; Trechter, John E Jr.
Subject: RE: Analytical Results Reports for SDG 20031006 and 20031007

Mike,

We will need the lab to report the complete TAL list of constituents. If you are going to have to revise the report, please eliminate the extra metals from the reports...

Steve

-----Original Message-----
From: Neely, Michael
Sent: Tuesday, August 26, 2003 11:13 AM
To: Trent, Stephen J
Cc: Dale, Troy F; Trechter, John E Jr.
Subject: Analytical Results Reports for SDG 20031006 and 20031007
Importance: High

Steve:

I am currently in the process of reviewing the hard copy analytical results reports for sample delivery groups (SDGs) 20031006 (SAF F03-015) and 20031007 (SAF F02-009). I have noticed that the metals that WSCF is reporting for the ICP-AES (Method 6010) do not "match" the metals on the most current GPP Method 6010 target analyte list (TAL) that was finalized on 08-12-03. As you know, these samples were received at WSCF on 07-29-03 (i.e., prior to the finalization of the GPP Method 6010 TAL).

Specifically, the following Method 6010 metals are reported on the hard copy analytical results report but are not currently on the GPP Method 6010 TAL:

- Arsenic
- Bismuth
- Lead
- Molybdenum
- Selenium
- Tin
- Boron

DELETE FROM REPORT

Also, the following Method 6010 metals are not reported on the hard copy analytical results report but are currently on GPP 6010 TAL:

- Aluminum
- Iron
- Magnesium
- Potassium
- Sodium
- Cobalt
- Calcium

ADD TO REPORT

Please let me know if you would like us to modify these reports by making the above indicated "additions" and "deletions" on the hard copy report prior to submittal. I am told that this is not a "major" effort (i.e., will not require re-analyses - will have to make some sample login changes, re-validate the data, and then re-run the report). Just let me know how you would like to proceed.

Thanks,

Mike Neely
WSCF (MO-280/B-103/600)
Fluor Hanford, Mail Stop S3-30
Phone: 509-373-0654
Cell: 509-528-2666
Pager: 509-373-PAGE, Extension 6730
FAX: 509-372-0456
E-Mail: michael_neely@rl.gov