0061880

Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

04-OES-0077

JUN 9 2004

RECEIVED
JUN 14 2004
EDMC

Mr. Allen W. Conklin, Supervisor
Air Emissions and Defense Waste Section
Washington State Department of Health
P.O. Box 47827
Olympia, Washington 98504

Dear Mr. Conklin:

DOCUMENTS REQUESTED AT PURGEWATER MODUTANKS INSPECTION CONDUCTED ON MAY 11, 2004

On May 11, 2004, the State of Washington Department of Health performed a Notice of Construction inspection on the Purgewater Modutanks, NOC ID: 7, Approval Letter #AIR-03-1201, Emission Unit: 465. During the inspection, John R. (Jack) Culmer, requested the enclosed documents. If you have any questions, please contact me, or your staff may contact Joel Hebdon, Director, Office of Environmental Services, on (509) 376-6657.

Sincerely,

Jean F Schuler

Keith A. Klein
Manager

OES:MFJ

Enclosure

cc w/encl:
J. R. Culmer, WDOH, MSIN B1-42
Administrative Record - Purgewater Modutanks, NOC ID: 7

cc w/o encl:
K. D. Christensen, FHI
J. R. Culmer, WDOH, MSIN B1-42
G. D. Cummins, FHI
R. H. Engelmann, FHI
E. W. Fordham, WDOH, MSIN B1-42
W. E. Green, FHI
R. D. Greenwell, FHI
R. H. Gurske, FHI
R. E. Johnson, FHI
C. J. Perkins, DFSNW
R. W. Poeton, EPA Region 10, Seattle
J. Schmidt, WDOH, MSIN B1-42
O. S. Wang, Ecology
J. A. Winterhalder, FHI
D. Zhan, EPA Region 10, Seattle
Environmental Portal, LMSI

INSPECTION ATTENDANCE ROSTER

Inspection Title:		Date:
WDOH NOC (NOC ID 7) Inspection of Purgewater Modutanks		05/11/04
Regulatory Agency: WDOH	**Representive:** Steve Szendre	**Inspection Number:** 2004-040

Name	CO/ORG	Phone and Cell Number(s)
John Schmidt ✓	WDOH	377 3827
JACK GULMEIR ✓	WDOH	946-0790
John Winterhalder ✓	FH/GRP	372-8144
GLORIA CUMMINS ✓	FH EP	372-2484
KIRK CHRISTENSEN ✓	FGG/EFS	430.5564 / 373-45[illegible]
CRAIG J PERKINS ✓	DTS DESNW	372-8042

ODD # D and U

soil sample results 2003

Location	Isotope	Result	± Error	RQ*
D081	^{144}Ce	-7.4E-02	± 1.2E-01	U
(600 Area)	^{60}Co	-6.2E-03	± 6.2E-03	U
	^{134}Cs	3.8E-02	± 1.3E-02	
	^{137}Cs	6.6E-02	± 1.5E-02	
	^{152}Eu	-2.4E-02	± 2.4E-02	U
	^{154}Eu	-9.6E-03	± 2.0E-02	U
	^{155}Eu	3.4E-02	± 2.8E-02	U
	^{238}Pu	2.0E-03	± 1.6E-02	U
	$^{239,240}Pu$	4.0E-03	± 5.6E-03	U
	^{103}Ru	3.6E-03	± 6.7E-03	U
	^{106}Ru	2.3E-02	± 5.5E-02	U
	^{125}Sb	-4.7E-03	± 1.8E-02	U
	^{113}Sn	-4.1E-03	± 8.4E-03	U
	^{90}Sr	-2.1E-02	± 2.1E-01	U
	^{234}U	1.2E-01	± 4.3E-02	
	^{235}U	1.1E-02	± 1.2E-02	U
	^{238}U	1.2E-01	± 4.3E-02	
	^{65}Zn	-1.5E-03	± 1.5E-02	U

Location	Isotope	Result	± Error	RQ*
D083	^{144}Ce	-1.1E-01	± 1.6E-01	U
(600 Area)	^{60}Co	6.6E-03	± 9.0E-03	U
	^{134}Cs	4.7E-02	± 1.6E-02	
	^{137}Cs	1.4E+00	± 2.3E-01	
	^{152}Eu	-2.6E-02	± 3.6E-02	U
	^{154}Eu	-2.8E-02	± 3.1E-02	U
	^{155}Eu	1.5E-02	± 3.8E-02	U
	^{238}Pu	1.9E-02	± 2.7E-02	U
	$^{239,240}Pu$	7.6E-02	± 3.6E-02	
	^{103}Ru	4.0E-04	± 4.1E-03	U
	^{106}Ru	-2.1E-02	± 8.5E-02	U
	^{125}Sb	-7.9E-03	± 2.8E-02	U
	^{113}Sn	3.2E-03	± 1.3E-02	U
	^{90}Sr	-1.4E-01	± 1.9E-01	U
	^{234}U	1.5E-01	± 5.3E-02	
	^{235}U	2.7E-02	± 2.0E-02	
	^{238}U	1.2E-01	± 4.6E-02	
	^{65}Zn	5.4E-02	± 2.7E-02	

Location	Isotope	Result	± Error	RQ*
D085	^{144}Ce	-5.0E-02	± 1.6E-01	U
(600 Area)	^{60}Co	1.6E-03	± 8.8E-03	U
	^{134}Cs	4.5E-02	± 1.9E-02	
	^{137}Cs	4.5E-01	± 7.8E-02	
	^{152}Eu	3.6E-02	± 3.7E-02	U
	^{154}Eu	-2.3E-02	± 3.0E-02	U
	^{155}Eu	1.9E-02	± 3.6E-02	U
	^{238}Pu	7.5E-03	± 1.9E-02	U
	$^{239,240}Pu$	2.8E-02	± 1.8E-02	
	^{103}Ru	2.6E-03	± 1.0E-02	U
	^{106}Ru	-3.0E-03	± 3.0E-02	U
	^{125}Sb	-1.4E-02	± 2.5E-02	U
	^{113}Sn	2.2E-03	± 1.2E-02	U
	^{90}Sr	-1.2E-01	± 2.0E-01	U
	^{234}U	1.3E-01	± 4.5E-02	
	^{235}U	2.1E-02	± 1.6E-02	
	^{238}U	1.7E-01	± 5.6E-02	
	^{65}Zn	4.7E-02	± 2.7E-02	

Location	Isotope	Result	± Error	RQ*
D087	^{144}Ce	6.7E-02	± 1.9E-01	U
(600 Area)	^{60}Co	9.0E-03	± 8.8E-03	U
	^{134}Cs	3.1E-02	± 1.2E-02	
	^{137}Cs	2.1E-02	± 1.1E-02	
	^{152}Eu	-5.1E-03	± 5.0E-02	U
	^{154}Eu	-5.8E-03	± 2.9E-02	U
	^{155}Eu	2.7E-03	± 2.7E-02	U
	^{238}Pu	1.8E-03	± 1.8E-03	U
	$^{239,240}Pu$	1.8E-03	± 3.6E-03	U
	^{103}Ru	-9.4E-03	± 9.9E-03	U
	^{106}Ru	2.0E-03	± 2.0E-02	U
	^{125}Sb	9.4E-03	± 2.4E-02	U
	^{113}Sn	-4.8E-03	± 1.2E-02	U
	^{90}Sr	-8.9E-02	± 1.6E-01	U
	^{234}U	2.3E-01	± 7.4E-02	
	^{235}U	3.1E-02	± 1.8E-02	
	^{238}U	1.6E-01	± 5.4E-02	
	^{65}Zn	9.1E-03	± 2.2E-02	U

Location	Isotope	Result	± Error	RQ*
D089	^{144}Ce	-7.6E-02	± 1.4E-01	U
(600 Area)	^{60}Co	2.2E-03	± 6.4E-03	U
	^{134}Cs	4.1E-02	± 1.2E-02	
	^{137}Cs	4.0E-01	± 6.5E-02	
	^{152}Eu	-3.9E-02	± 3.9E-02	U
	^{154}Eu	-6.4E-03	± 4.0E-02	U
	^{155}Eu	3.2E-02	± 3.6E-02	U
	^{238}Pu	-1.5E-02	± 2.7E-02	U
	$^{239,240}Pu$	5.8E-03	± 8.7E-03	U
	^{103}Ru	-2.4E-03	± 7.2E-03	U
	^{106}Ru	-3.3E-02	± 5.7E-02	U
	^{125}Sb	4.4E-03	± 1.9E-02	U
	^{113}Sn	-2.7E-03	± 9.2E-03	U
	^{90}Sr	-1.7E-01	± 1.7E-01	U
	^{234}U	1.4E-01	± 5.0E-02	
	^{235}U	6.8E-03	± 8.2E-03	
	^{238}U	1.4E-01	± 4.9E-02	
	^{65}Zn	1.2E-02	± 1.6E-02	U

RQ = Result Qualifier. U = The analyte was analyzed for but not detected.

Location	Isotope	Result	±	Error	RQ*
D091	^{144}Ce	1.2E-01	±	1.5E-01	U
(600 Area)	^{60}Co	-1.1E-03	±	7.1E-03	U
	^{134}Cs	4.2E-02	±	1.2E-02	
	^{137}Cs	2.0E+00	±	3.5E-01	
	^{152}Eu	-2.6E-02	±	3.3E-02	U
	^{154}Eu	-5.4E-03	±	2.3E-02	U
	^{155}Eu	2.1E-02	±	3.5E-02	U
	^{238}Pu	1.4E-02	±	2.0E-02	U
	$^{239,240}Pu$	3.2E-03	±	4.5E-03	U
	^{103}Ru	8.5E-03	±	9.6E-03	U
	^{106}Ru	2.3E-02	±	7.0E-02	U
	^{125}Sb	-8.8E-03	±	2.4E-02	U
	^{113}Sn	-9.1E-04	±	9.1E-03	U
	^{90}Sr	-9.1E-03	±	9.1E-02	U
	^{234}U	1.7E-01	±	5.4E-02	
	^{235}U	3.7E-03	±	7.4E-03	U
	^{238}U	2.0E-01	±	6.4E-02	
	^{65}Zn	3.0E-03	±	1.9E-02	U
D095	^{144}Ce	1.6E-02	±	1.2E-01	U
(600 Area)	^{60}Co	-1.4E-04	±	1.4E-03	U
	^{134}Cs	3.1E-02	±	9.0E-03	
	^{137}Cs	5.7E-01	±	9.1E-02	
	^{152}Eu	-1.4E-02	±	2.1E-02	U
	^{154}Eu	1.5E-02	±	1.6E-02	U
	^{155}Eu	5.4E-02	±	3.6E-02	U
	^{238}Pu	-2.0E-03	±	2.0E-02	U
	$^{239,240}Pu$	1.2E-02	±	1.2E-02	U
	^{103}Ru	-3.9E-03	±	6.7E-03	U
	^{106}Ru	2.0E-02	±	4.8E-02	U
	^{125}Sb	-2.7E-03	±	1.7E-02	U
	^{113}Sn	-8.2E-04	±	8.2E-03	U
	^{90}Sr	1.1E-01	±	1.6E-01	U
	^{234}U	2.0E-01	±	6.6E-02	
	^{235}U	1.8E-02	±	1.4E-02	
	^{238}U	1.7E-01	±	5.9E-02	
	^{65}Zn	-7.2E-04	±	7.2E-03	U

Location	Isotope	Result	±	Error	RQ*
D093	^{144}Ce	-5.8E-02	±	1.1E-01	U
(600 Area)	^{60}Co	2.0E-03	±	5.5E-03	U
	^{134}Cs	2.9E-02	±	1.2E-02	
	^{137}Cs	1.1E+00	±	1.5E-01	
	^{152}Eu	-7.9E-03	±	2.5E-02	U
	^{154}Eu	4.9E-03	±	3.2E-02	U
	^{155}Eu	2.6E-02	±	3.0E-02	U
	^{238}Pu	-5.3E-03	±	1.5E-02	U
	$^{239,240}Pu$	4.2E-02	±	2.0E-02	
	^{103}Ru	-7.6E-03	±	7.6E-03	U
	^{106}Ru	1.6E-02	±	5.3E-02	U
	^{125}Sb	-5.7E-03	±	1.9E-02	U
	^{113}Sn	-5.1E-03	±	9.0E-03	U
	^{90}Sr	2.5E-01	±	2.2E-01	
	^{234}U	1.8E-01	±	6.1E-02	
	^{235}U	9.6E-03	±	1.2E-02	U
	^{238}U	1.9E-01	±	6.5E-02	
	^{65}Zn	-6.7E-03	±	1.5E-02	U
D097	^{144}Ce	7.5E-03	±	7.5E-02	U
(600 Area)	^{60}Co	-3.0E-03	±	7.4E-03	U
	^{134}Cs	4.6E-02	±	1.4E-02	
	^{137}Cs	8.6E-02	±	1.9E-02	
	^{152}Eu	-2.3E-02	±	2.9E-02	U
	^{154}Eu	-1.9E-02	±	2.8E-02	U
	^{155}Eu	3.6E-02	±	3.8E-02	U
	^{238}Pu	1.7E-03	±	1.7E-02	U
	$^{239,240}Pu$	8.5E-03	±	7.9E-03	
	^{103}Ru	-1.7E-03	±	8.3E-03	U
	^{106}Ru	3.8E-02	±	6.5E-02	U
	^{125}Sb	6.5E-03	±	1.9E-02	U
	^{113}Sn	-7.1E-03	±	9.7E-03	U
	^{90}Sr	-9.3E-02	±	2.0E-01	U
	^{234}U	1.8E-01	±	6.1E-02	
	^{235}U	9.2E-03	±	9.2E-03	
	^{238}U	1.4E-01	±	5.0E-02	
	^{65}Zn	2.0E-02	±	2.0E-02	U

RQ = Result Qualifier. U = The analyte was analyzed for but not detected.

Location	Isotope	Result	±	Error	RQ*
D099	^{144}Ce	-8.7E-02	±	1.4E-01	U
(600 Area)	^{60}Co	1.2E-03	±	8.0E-03	U
	^{134}Cs	1.3E-02	±	1.1E-02	U
	^{137}Cs	3.4E-01	±	5.9E-02	
	^{152}Eu	-3.8E-02	±	3.8E-02	U
	^{154}Eu	-2.4E-02	±	2.7E-02	U
	^{155}Eu	6.1E-02	±	3.8E-02	U
	^{238}Pu	1.8E-03	±	1.5E-02	U
	$^{239,240}Pu$	1.1E-02	±	1.2E-02	U
	^{103}Ru	4.2E-03	±	8.9E-03	U
	^{106}Ru	-1.9E-02	±	6.9E-02	U
	^{125}Sb	8.6E-03	±	2.2E-02	U
	^{113}Sn	-2.7E-03	±	1.1E-02	U
	^{90}Sr	2.8E-01	±	2.2E-01	
	^{234}U	2.4E-01	±	7.7E-02	
	^{235}U	5.6E-02	±	2.7E-02	
	^{238}U	1.9E-01	±	6.5E-02	
	^{65}Zn	5.2E-02	±	2.5E-02	
D103	^{144}Ce	-3.6E-02	±	1.6E-01	U
(600 Area)	^{60}Co	-6.8E-03	±	6.8E-03	U
	^{134}Cs	3.0E-02	±	1.1E-02	
	^{137}Cs	9.3E-01	±	1.6E-01	
	^{152}Eu	1.4E-02	±	4.8E-02	U
	^{154}Eu	4.2E-03	±	2.6E-02	U
	^{155}Eu	3.8E-02	±	4.2E-02	U
	^{238}Pu	3.1E-03	±	6.2E-03	U
	$^{239,240}Pu$	9.9E-02	±	3.4E-02	
	^{103}Ru	-1.6E-03	±	9.9E-03	U
	^{106}Ru	2.5E-02	±	6.9E-02	U
	^{125}Sb	1.5E-02	±	2.4E-02	U
	^{113}Sn	-7.3E-03	±	1.2E-02	U
	^{90}Sr	-2.0E-02	±	1.8E-01	U
	^{234}U	1.5E-01	±	5.1E-02	
	^{235}U	7.3E-03	±	8.8E-03	U
	^{238}U	1.4E-01	±	4.6E-02	
	^{65}Zn	2.8E-02	±	1.9E-02	U

Location	Isotope	Result	±	Error	RQ*
D101	^{144}Ce	1.4E-02	±	1.2E-01	U
(600 Area)	^{60}Co	-1.4E-03	±	7.0E-03	U
	^{134}Cs	3.4E-02	±	1.1E-02	
	^{137}Cs	2.5E-01	±	4.4E-02	
	^{152}Eu	-1.7E-02	±	2.0E-02	U
	^{154}Eu	3.6E-02	±	3.0E-02	U
	^{155}Eu	6.1E-02	±	4.1E-02	U
	^{238}Pu	7.8E-03	±	8.6E-03	U
	$^{239,240}Pu$	2.0E-02	±	1.2E-02	
	^{103}Ru	5.2E-03	±	7.8E-03	U
	^{106}Ru	-2.1E-03	±	2.1E-02	U
	^{125}Sb	-3.4E-03	±	1.8E-02	U
	^{113}Sn	6.9E-03	±	9.2E-03	U
	^{90}Sr	2.7E-01	±	2.2E-01	U
	^{234}U	1.1E-01	±	4.0E-02	
	^{235}U	2.1E-02	±	1.4E-02	
	^{238}U	1.5E-01	±	5.1E-02	
	^{65}Zn	4.2E-02	±	1.9E-02	
D105	^{144}Ce	-9.4E-02	±	1.3E-01	U
(600 Area)	^{60}Co	3.1E-04	±	3.1E-03	U
	^{134}Cs	4.2E-02	±	1.5E-02	
	^{137}Cs	2.0E-01	±	3.8E-02	
	^{152}Eu	-2.3E-02	±	4.3E-02	U
	^{154}Eu	-8.4E-03	±	3.4E-02	U
	^{155}Eu	1.3E-02	±	3.4E-02	U
	^{238}Pu	1.4E-02	±	3.8E-02	U
	$^{239,240}Pu$	2.2E-01	±	7.0E-02	
	^{103}Ru	-2.5E-03	±	9.7E-03	U
	^{106}Ru	5.4E-02	±	7.6E-02	U
	^{125}Sb	3.1E-03	±	2.3E-02	U
	^{113}Sn	4.1E-03	±	1.3E-02	U
	^{90}Sr	-2.6E-01	±	2.6E-01	U
	^{234}U	9.3E-02	±	3.6E-02	
	^{235}U	1.1E-02	±	1.0E-02	
	^{238}U	1.5E-01	±	5.1E-02	
	^{65}Zn	8.6E-02	±	4.0E-02	

RQ = Result Qualifier. U = The analyte was analyzed for but not detected.

Location	Isotope	Result	±	Error	RQ*
D107	^{144}Ce	3.1E-02	±	1.0E-01	U
(600 Area)	^{60}Co	2.0E-03	±	6.9E-03	U
	^{134}Cs	2.6E-02	±	8.8E-03	
	^{137}Cs	8.6E-02	±	1.8E-02	
	^{152}Eu	-2.9E-02	±	2.9E-02	U
	^{154}Eu	-7.1E-04	±	7.1E-03	U
	^{155}Eu	6.4E-02	±	3.9E-02	U
	^{238}Pu	1.8E-03	±	1.8E-02	U
	$^{239,240}Pu$	1.2E-01	±	4.3E-02	
	^{103}Ru	-2.2E-03	±	7.4E-03	U
	^{106}Ru	1.2E-02	±	6.0E-02	U
	^{125}Sb	6.3E-03	±	1.7E-02	U
	^{113}Sn	-5.2E-03	±	8.8E-03	U
	^{90}Sr	2.8E-03	±	2.8E-02	U
	^{234}U	1.3E-01	±	4.4E-02	
	^{235}U	1.8E-02	±	1.2E-02	
	^{238}U	1.6E-01	±	5.1E-02	
	^{65}Zn	2.1E-02	±	1.8E-02	U

Location	Isotope	Result	±	Error	RQ*
D109	^{144}Ce	2.5E-02	±	1.7E-01	U
(600 Area)	^{60}Co	9.6E-04	±	6.7E-03	U
	^{134}Cs	4.1E-02	±	1.5E-02	
	^{137}Cs	6.7E-01	±	1.2E-01	
	^{152}Eu	-9.7E-05	±	9.7E-04	U
	^{154}Eu	-1.0E-02	±	2.2E-02	U
	^{155}Eu	1.8E-02	±	4.1E-02	U
	^{238}Pu	3.3E-02	±	3.3E-02	U
	$^{239,240}Pu$	1.8E+00	±	4.7E-01	
	^{103}Ru	-5.7E-03	±	1.0E-02	U
	^{106}Ru	3.0E-02	±	6.8E-02	U
	^{125}Sb	1.1E-03	±	1.1E-02	U
	^{113}Sn	-6.2E-03	±	1.2E-02	U
	^{90}Sr	1.4E-01	±	2.0E-01	U
	^{234}U	1.4E-01	±	4.8E-02	
	^{235}U	1.1E-02	±	9.5E-03	
	^{238}U	1.3E-01	±	4.5E-02	
	^{65}Zn	3.2E-02	±	2.0E-02	
D113	^{144}Ce	1.4E-02	±	1.3E-01	U
(Duplicate	^{60}Co	-1.0E-03	±	5.7E-03	U
of D083,	^{134}Cs	3.2E-02	±	1.1E-02	
600 Area)	^{137}Cs	3.1E-01	±	5.1E-02	
	^{152}Eu	-7.2E-03	±	2.1E-02	U
	^{154}Eu	-4.7E-03	±	2.1E-02	U
	^{155}Eu	2.2E-02	±	2.7E-02	U
	^{238}Pu	-1.8E-03	±	1.2E-02	U
	$^{239,240}Pu$	2.3E-02	±	1.6E-02	
	^{103}Ru	-1.3E-03	±	6.8E-03	U
	^{106}Ru	-3.4E-02	±	4.9E-02	U
	^{125}Sb	1.0E-02	±	1.7E-02	U
	^{113}Sn	-8.8E-03	±	8.8E-03	U
	^{90}Sr	-1.4E-01	±	1.6E-01	U
	^{234}U	1.3E-01	±	4.5E-02	
	^{235}U	1.7E-02	±	1.3E-02	
	^{238}U	1.2E-01	±	4.2E-02	
	^{65}Zn	-8.8E-03	±	1.5E-02	U

RQ = Result Qualifier. U = The analyte was analyzed for but not detected.

2003 AIR DATA

N019 (200-EAST)	^{144}Ce	3.9E-04 ± 6.7E-	U	**N019** (200-EAST)	^{144}Ce	1.0E-05 ± 1.1E-	U
Composit Period	^{60}Co	1.8E-05 ± 8.4E-	U	Composit Period	^{60}Co	8.5E-06 ± 8.6E-	U
06/24/02 to 01/06/03	^{134}Cs	6.3E-05 ± 7.4E-	U	01/06/03 to 06/23/03	^{134}Cs	1.3E-05 ± 7.3E-	U
	^{137}Cs	1.4E-05 ± 7.1E-	U		^{137}Cs	1.6E-05 ± 9.2E-	U
	^{152}Eu	1.4E-04 ± 1.7E-	U		^{152}Eu	4.7E-06 ± 4.7E-	U
	^{154}Eu	1.9E-05 ± 1.9E-	U		^{154}Eu	9.9E-06 ± 9.9E-	U
	^{155}Eu	4.1E-05 ± 1.7E-	U		^{155}Eu	1.3E-05 ± 1.3E-	U
	^{238}Pu	3.4E-06 ± 1.1E-	U		^{238}Pu	1.0E-05 ± 1.5E-	U
	$^{239/240}$Pu	6.8E-07 ± 3.1E-	U		$^{239/240}$Pu	9.2E-07 ± 9.6E-	U
	^{103}Ru	3.5E-08 ± 3.5E-	U		^{103}Ru	9.6E-06 ± 6.4E-	U
	^{106}Ru	5.4E-04 ± 6.6E-	U		^{106}Ru	1.3E-04 ± 7.0E-	U
	^{125}Sb	1.5E-05 ± 1.5E-	U		^{125}Sb	2.1E-04 ± 2.1E-	U
	^{113}Sn	3.8E-05 ± 7.3E-	U		^{113}Sn	9.7E-06 ± 9.1E-	U
	^{90}Sr	3.5E-04 ± 1.4E-			^{90}Sr	1.5E-05 ± 1.2E-	U
	^{234}U	1.5E-05 ± 7.9E-			^{234}U	6.2E-06 ± 5.9E-	U
	^{235}U	1.5E-06 ± 3.1E-	U		^{235}U	2.5E-06 ± 3.1E-	
	^{238}U	3.4E-06 ± 3.9E-	U		^{238}U	3.2E-06 ± 3.9E-	U
	^{65}Zn	3.0E-05 ± 1.5E-	U		^{65}Zn	1.4E-04 ± 2.2E-	U
N019 (200-EAST)	^{144}Ce	1.7E-04 ± 6.0E-	U	**N158** (200-EAST)	^{144}Ce	1.7E-05 ± 1.7E-	U
Composit Period	^{60}Co	1.1E-05 ± 7.9E-	U	Composit Period	^{60}Co	8.2E-06 ± 7.1E-	U
06/23/03 to 12/22/03	^{134}Cs	6.0E-05 ± 6.9E-	U	06/24/02 to 01/06/03	^{134}Cs	5.6E-05 ± 7.4E-	U
	^{137}Cs	2.0E-05 ± 6.8E-	U		^{137}Cs	2.3E-04 ± 1.2E-	
	^{152}Eu	2.5E-05 ± 1.5E-	U		^{152}Eu	2.5E-04 ± 2.6E-	U
	^{154}Eu	2.2E-05 ± 2.1E-	U		^{154}Eu	5.7E-05 ± 1.9E-	U
	^{155}Eu	8.4E-05 ± 1.6E-	U		^{155}Eu	1.2E-04 ± 1.9E-	U
	^{238}Pu	1.1E-05 ± 1.5E-	U		^{238}Pu	2.0E-06 ± 9.4E-	U
	$^{239/240}$Pu	4.3E-06 ± 6.1E-	U		$^{239/240}$Pu	6.6E-07 ± 6.6E-	U
	^{103}Ru	8.2E-05 ± 6.0E-	U		^{103}Ru	5.1E-05 ± 6.4E-	U
	^{106}Ru	3.1E-04 ± 5.2E-	U		^{106}Ru	6.1E-04 ± 6.5E-	U
	^{125}Sb	2.7E-05 ± 1.4E-	U		^{125}Sb	2.2E-04 ± 1.4E-	U
	^{113}Sn	2.2E-05 ± 6.5E-	U		^{113}Sn	3.8E-05 ± 7.3E-	U
	^{90}Sr	2.3E-04 ± 1.1E-	U		^{90}Sr	6.8E-06 ± 6.8E-	U
	^{234}U	1.8E-05 ± 1.0E-			^{234}U	6.8E-06 ± 4.6E-	
	^{235}U	1.7E-06 ± 4.2E-	U		^{235}U	3.0E-06 ± 3.2E-	
	^{238}U	1.7E-05 ± 9.5E-			^{238}U	9.5E-06 ± 5.7E-	
	^{65}Zn	2.3E-04 ± 2.4E-	U		^{65}Zn	8.9E-05 ± 1.4E-	U
N158 (200-EAST)	^{144}Ce	4.3E-04 ± 7.1E-	U	**N158** (200-EAST)	^{144}Ce	1.3E-04 ± 7.9E-	U
Composit Period	^{60}Co	2.3E-05 ± 8.9E-	U	Composit Period	^{60}Co	7.6E-05 ± 8.5E-	U
01/06/03 to 06/23/03	^{134}Cs	1.1E-04 ± 1.1E-	U	06/23/03 to 12/22/03	^{134}Cs	3.0E-05 ± 8.1E-	U
	^{137}Cs	1.4E-04 ± 1.3E-			^{137}Cs	1.7E-04 ± 1.7E-	
	^{152}Eu	3.7E-05 ± 1.8E-	U		^{152}Eu	1.2E-04 ± 1.9E-	U
	^{154}Eu	5.2E-05 ± 2.7E-	U		^{154}Eu	3.6E-06 ± 3.6E-	U
	^{155}Eu	7.1E-05 ± 1.9E-	U		^{155}Eu	1.5E-04 ± 2.2E-	U
	^{238}Pu	6.6E-06 ± 1.4E-	U		^{238}Pu	1.1E-06 ± 1.1E-	U
	$^{239/240}$Pu	9.1E-07 ± 9.4E-	U		$^{239/240}$Pu	1.1E-06 ± 1.1E-	U
	^{103}Ru	1.0E-05 ± 6.7E-	U		^{103}Ru	2.3E-05 ± 6.6E-	U
	^{106}Ru	1.1E-04 ± 6.2E-	U		^{106}Ru	6.7E-04 ± 7.0E-	U
	^{125}Sb	6.5E-05 ± 1.9E-	U		^{125}Sb	1.3E-04 ± 1.7E-	U
	^{113}Sn	1.2E-05 ± 8.1E-	U		^{113}Sn	2.3E-05 ± 7.8E-	U
	^{90}Sr	1.2E-04 ± 1.3E-	U		^{90}Sr	1.3E-04 ± 1.3E-	U
	^{234}U	1.2E-05 ± 7.6E-			^{234}U	1.8E-05 ± 1.0E-	
	^{235}U	7.6E-07 ± 2.7E-	U		^{235}U	8.1E-07 ± 8.4E-	U
	^{238}U	5.0E-06 ± 4.7E-	U		^{238}U	9.7E-06 ± 7.0E-	
	^{65}Zn	1.0E-04 ± 1.9E-	U		^{65}Zn	6.5E-05 ± 1.9E-	U

N480 (200-EAST)	^{241}Am	3.2E-06 ± 7.8E-	U	**N480** (200-EAST)	^{241}Am	4.0E-06 ± 1.2E-	U
Composit Period	^{144}Ce	3.1E-05 ± 3.1E-	U	Composit Period	^{144}Ce	3.8E-05 ± 3.8E-	U
06/24/02 to 01/06/03	^{60}Co	5.3E-07 ± 5.3E-	U	01/06/03 to 06/23/03	^{60}Co	8.1E-05 ± 1.0E-	U
	^{134}Cs	2.4E-05 ± 6.5E-	U		^{134}Cs	2.8E-05 ± 8.2E-	U
	^{137}Cs	7.8E-06 ± 6.2E-	U		^{137}Cs	3.7E-05 ± 8.1E-	U
	^{152}Eu	2.3E-05 ± 1.4E-	U		^{152}Eu	3.0E-05 ± 2.0E-	U
	^{154}Eu	3.1E-05 ± 1.8E-	U		^{154}Eu	5.6E-05 ± 3.4E-	U
	^{155}Eu	2.7E-05 ± 1.3E-	U		^{155}Eu	6.7E-05 ± 1.9E-	U
	^{238}Pu	2.1E-06 ± 1.4E-	U		^{238}Pu	3.7E-05 ± 2.8E-	
	$^{239/240}$Pu	3.2E-06 ± 4.8E-	U		$^{239/240}$Pu	2.0E-06 ± 4.0E-	U
	^{241}Pu	6.7E-06 ± 6.7E-	U		^{241}Pu	1.2E-04 ± 1.2E-	U
	^{103}Ru	3.0E-05 ± 5.9E-	U		^{103}Ru	3.3E-05 ± 8.8E-	U
	^{106}Ru	3.0E-04 ± 4.9E-	U		^{106}Ru	1.9E-05 ± 1.9E-	U
	^{125}Sb	1.2E-05 ± 1.2E-	U		^{125}Sb	2.7E-05 ± 1.9E-	U
	^{113}Sn	8.5E-06 ± 6.4E-	U		^{113}Sn	4.3E-05 ± 9.3E-	U
	^{90}Sr	1.0E-04 ± 7.6E-			^{90}Sr	1.5E-05 ± 8.2E-	U
	^{234}U	5.3E-06 ± 4.6E-	U		^{234}U	1.3E-05 ± 8.3E-	
	^{235}U	1.3E-06 ± 1.8E-	U		^{235}U	4.9E-06 ± 4.4E-	
	^{238}U	6.5E-06 ± 4.8E-			^{238}U	1.2E-05 ± 7.5E-	
	^{65}Zn	7.4E-06 ± 7.4E-	U		^{65}Zn	1.6E-04 ± 2.0E-	U
N480 (200-EAST)	^{241}Am	5.0E-06 ± 7.6E-	U	**N481** (200-EAST)	^{241}Am	1.3E-06 ± 1.0E-	U
Composit Period	^{144}Ce	3.0E-04 ± 5.6E-	U	Composit Period	^{144}Ce	2.9E-04 ± 5.6E-	U
06/23/03 to 12/22/03	^{60}Co	8.1E-06 ± 8.1E-	U	06/24/02 to 01/06/03	^{60}Co	4.2E-06 ± 4.2E-	U
	^{134}Cs	6.7E-06 ± 6.7E-	U		^{134}Cs	2.4E-05 ± 6.6E-	U
	^{137}Cs	5.2E-05 ± 6.3E-	U		^{137}Cs	3.9E-05 ± 6.3E-	U
	^{152}Eu	5.9E-05 ± 1.5E-	U		^{152}Eu	6.5E-05 ± 1.5E-	U
	^{154}Eu	8.8E-05 ± 2.4E-	U		^{154}Eu	6.2E-05 ± 1.9E-	U
	^{155}Eu	1.2E-04 ± 1.5E-	U		^{155}Eu	1.7E-05 ± 1.5E-	U
	^{238}Pu	1.5E-05 ± 2.4E-	U		^{238}Pu	1.1E-05 ± 2.1E-	U
	$^{239/240}$Pu	3.6E-06 ± 9.0E-	U		$^{239/240}$Pu	6.5E-06 ± 6.2E-	
	^{241}Pu	2.2E-04 ± 2.3E-	U		^{241}Pu	1.3E-04 ± 1.3E-	U
	^{103}Ru	8.3E-06 ± 6.7E-	U		^{103}Ru	9.1E-06 ± 5.9E-	U
	^{106}Ru	2.1E-04 ± 5.7E-	U		^{106}Ru	1.4E-04 ± 5.7E-	U
	^{125}Sb	2.7E-05 ± 1.3E-	U		^{125}Sb	5.0E-06 ± 5.0E-	U
	^{113}Sn	8.1E-06 ± 6.9E-	U		^{113}Sn	8.3E-06 ± 6.3E-	U
	^{90}Sr	1.2E-04 ± 1.2E-	U		^{90}Sr	9.3E-05 ± 7.5E-	
	^{234}U	1.2E-05 ± 7.2E-			^{234}U	6.7E-06 ± 5.0E-	
	^{235}U	1.5E-06 ± 3.1E-	U		^{235}U	2.5E-06 ± 2.6E-	
	^{238}U	5.6E-06 ± 4.4E-			^{238}U	8.0E-06 ± 5.3E-	
	^{65}Zn	4.4E-05 ± 1.8E-	U		^{65}Zn	4.0E-05 ± 1.5E-	U
N481 (200-EAST)	^{241}Am	6.7E-06 ± 1.0E-	U	**N481** (200-EAST)	^{241}Am	2.9E-06 ± 1.0E-	U
Composit Period	^{144}Ce	1.7E-04 ± 7.8E-	U	Composit Period	^{144}Ce	6.6E-05 ± 6.7E-	U
01/06/03 to 06/23/03	^{60}Co	2.6E-05 ± 7.2E-	U	06/23/03 to 12/22/03	^{60}Co	1.9E-05 ± 7.3E-	U
	^{134}Cs	5.7E-05 ± 7.9E-	U		^{134}Cs	4.4E-05 ± 7.2E-	U
	^{137}Cs	6.8E-06 ± 6.8E-	U		^{137}Cs	8.4E-06 ± 6.6E-	U
	^{152}Eu	5.3E-05 ± 1.9E-	U		^{152}Eu	1.1E-04 ± 1.9E-	U
	^{154}Eu	1.8E-05 ± 1.8E-	U		^{154}Eu	1.5E-04 ± 2.3E-	U
	^{155}Eu	3.4E-05 ± 2.2E-	U		^{155}Eu	3.6E-05 ± 2.2E-	U
	^{238}Pu	1.2E-05 ± 3.1E-	U		^{238}Pu	6.7E-06 ± 2.3E-	U
	$^{239/240}$Pu	2.1E-05 ± 1.6E-			$^{239/240}$Pu	3.3E-06 ± 8.3E-	U
	^{241}Pu	8.4E-04 ± 8.4E-	U		^{241}Pu	3.6E-04 ± 6.7E-	U
	^{103}Ru	1.9E-05 ± 9.8E-	U		^{103}Ru	4.9E-06 ± 4.9E-	U
	^{106}Ru	1.0E-04 ± 6.8E-	U		^{106}Ru	2.3E-04 ± 6.1E-	U
	^{125}Sb	1.4E-04 ± 1.9E-	U		^{125}Sb	3.2E-06 ± 3.2E-	U
	^{113}Sn	1.0E-05 ± 8.9E-	U		^{113}Sn	1.9E-05 ± 7.8E-	U
	^{90}Sr	7.6E-06 ± 7.6E-	U		^{90}Sr	3.0E-05 ± 1.2E-	U
	^{234}U	8.4E-06 ± 6.6E-			^{234}U	7.3E-06 ± 5.8E-	
	^{235}U	8.4E-06 ± 6.9E-			^{235}U	5.0E-06 ± 4.2E-	
	^{238}U	9.2E-06 ± 6.9E-			^{238}U	9.0E-06 ± 6.3E-	
	^{65}Zn	8.7E-05 ± 1.8E-	U		^{65}Zn	2.9E-05 ± 1.7E-	U

N498 (200-EAST)	^{144}Ce	8.2E-05 ± 7.2E-	U	**N498** (200-EAST)	^{144}Ce	2.5E-04 ± 7.4E-	U
Composit Period	^{60}Co	1.0E-05 ± 6.7E-	U	Composit Period	^{60}Co	3.8E-05 ± 9.1E-	U
06/24/02 to 01/06/03	^{134}Cs	3.3E-05 ± 7.3E-	U	01/06/03 to 06/23/03	^{134}Cs	3.5E-05 ± 8.1E-	U
	^{137}Cs	5.8E-05 ± 7.0E-	U		^{137}Cs	3.3E-05 ± 8.3E-	U
	^{152}Eu	2.1E-05 ± 1.7E-	U		^{152}Eu	7.6E-05 ± 1.9E-	U
	^{154}Eu	1.3E-04 ± 2.0E-	U		^{154}Eu	3.2E-04 ± 3.3E-	U
	^{155}Eu	8.2E-05 ± 2.0E-	U		^{155}Eu	1.4E-04 ± 2.0E-	U
	^{238}Pu	8.1E-06 ± 8.4E-	U		^{238}Pu	9.1E-06 ± 1.5E-	U
	$^{239/240}$Pu	6.3E-07 ± 1.3E-	U		$^{239/240}$Pu	9.9E-07 ± 5.2E-	U
	^{103}Ru	1.0E-05 ± 6.7E-	U		^{103}Ru	5.1E-06 ± 5.1E-	U
	^{106}Ru	1.7E-04 ± 5.8E-	U		^{106}Ru	5.4E-04 ± 7.1E-	U
	^{125}Sb	7.8E-05 ± 1.9E-	U		^{125}Sb	1.6E-05 ± 1.6E-	U
	^{113}Sn	3.2E-05 ± 7.5E-	U		^{113}Sn	1.1E-05 ± 8.0E-	U
	^{90}Sr	6.1E-05 ± 6.3E-	U		^{90}Sr	4.5E-04 ± 1.8E-	
	^{234}U	2.2E-05 ± 1.1E-			^{234}U	1.6E-05 ± 9.1E-	
	^{235}U	5.5E-06 ± 4.3E-			^{235}U	2.5E-06 ± 3.1E-	
	^{238}U	1.8E-05 ± 9.5E-			^{238}U	7.6E-06 ± 6.3E-	
	^{65}Zn	1.0E-04 ± 1.5E-	U		^{65}Zn	1.7E-05 ± 1.7E-	U
N498 (200-EAST)	^{144}Ce	2.6E-04 ± 7.0E-	U	**N499** (200-EAST)	^{144}Ce	2.5E-05 ± 2.5E-	U
Composit Period	^{60}Co	1.5E-05 ± 7.2E-	U	Composit Period	^{60}Co	4.3E-06 ± 4.3E-	U
06/23/03 to 12/22/03	^{134}Cs	2.5E-05 ± 6.9E-	U	06/24/02 to 01/06/03	^{134}Cs	2.0E-05 ± 8.3E-	U
	^{137}Cs	5.1E-05 ± 6.6E-	U		^{137}Cs	1.5E-05 ± 7.1E-	U
	^{152}Eu	1.2E-04 ± 1.8E-	U		^{152}Eu	1.9E-04 ± 1.9E-	U
	^{154}Eu	2.2E-05 ± 2.1E-	U		^{154}Eu	6.6E-06 ± 6.6E-	U
	^{155}Eu	3.1E-05 ± 1.9E-	U		^{155}Eu	4.0E-05 ± 1.9E-	U
	^{238}Pu	7.0E-06 ± 1.1E-	U		^{238}Pu	1.9E-06 ± 9.4E-	U
	$^{239/240}$Pu	1.4E-05 ± 9.0E-			$^{239/240}$Pu	1.2E-06 ± 1.8E-	U
	^{103}Ru	3.7E-05 ± 7.1E-	U		^{103}Ru	9.6E-06 ± 7.3E-	U
	^{106}Ru	4.4E-05 ± 4.4E-	U		^{106}Ru	3.5E-05 ± 3.5E-	U
	^{125}Sb	5.4E-05 ± 1.6E-	U		^{125}Sb	1.2E-04 ± 1.7E-	U
	^{113}Sn	8.4E-05 ± 8.7E-	U		^{113}Sn	6.1E-05 ± 8.0E-	U
	^{90}Sr	5.8E-05 ± 1.0E-	U		^{90}Sr	1.0E-04 ± 8.3E-	
	^{234}U	1.7E-05 ± 9.3E-			^{234}U	7.6E-06 ± 6.5E-	U
	^{235}U	1.4E-06 ± 2.9E-	U		^{235}U	3.7E-06 ± 3.5E-	
	^{238}U	1.1E-05 ± 7.0E-			^{238}U	1.1E-05 ± 6.6E-	
	^{65}Zn	3.9E-05 ± 1.8E-	U		^{65}Zn	4.3E-05 ± 1.6E-	U
N499 (200-EAST)	^{144}Ce	1.5E-04 ± 7.5E-	U	**N499** (200-EAST)	^{144}Ce	1.7E-04 ± 6.4E-	U
Composit Period	^{60}Co	1.4E-05 ± 9.8E-	U	Composit Period	^{60}Co	1.9E-06 ± 1.9E-	U
01/06/03 to 06/23/03	^{134}Cs	1.0E-04 ± 1.1E-	U	06/23/03 to 12/22/03	^{134}Cs	4.6E-05 ± 7.4E-	U
	^{137}Cs	2.0E-06 ± 2.0E-	U		^{137}Cs	1.8E-05 ± 5.9E-	U
	^{152}Eu	7.3E-05 ± 2.0E-	U		^{152}Eu	2.2E-04 ± 2.3E-	U
	^{154}Eu	1.3E-04 ± 2.8E-	U		^{154}Eu	7.8E-05 ± 2.2E-	U
	^{155}Eu	8.4E-05 ± 1.9E-	U		^{155}Eu	1.6E-05 ± 1.6E-	U
	^{238}Pu	6.9E-06 ± 1.2E-	U		^{238}Pu	6.5E-06 ± 1.4E-	U
	$^{239/240}$Pu	8.6E-07 ± 3.0E-	U		$^{239/240}$Pu	3.2E-06 ± 3.9E-	
	^{103}Ru	3.1E-05 ± 8.5E-	U		^{103}Ru	5.1E-06 ± 5.1E-	U
	^{106}Ru	3.4E-04 ± 8.3E-	U		^{106}Ru	8.9E-05 ± 5.9E-	U
	^{125}Sb	5.5E-05 ± 1.8E-	U		^{125}Sb	4.1E-05 ± 1.5E-	U
	^{113}Sn	5.2E-05 ± 9.0E-	U		^{113}Sn	8.8E-05 ± 9.0E-	U
	^{90}Sr	6.3E-05 ± 9.3E-	U		^{90}Sr	1.3E-04 ± 1.4E-	U
	^{234}U	1.0E-05 ± 6.9E-			^{234}U	2.6E-05 ± 1.4E-	
	^{235}U	4.8E-06 ± 4.3E-			^{235}U	7.8E-06 ± 5.9E-	
	^{238}U	8.6E-06 ± 5.9E-			^{238}U	1.6E-05 ± 9.0E-	
	^{65}Zn	7.6E-05 ± 2.2E-	U		^{65}Zn	2.1E-05 ± 2.0E-	U

N957 (200-EAST)	^{144}Ce	9.6E-05 ± 6.9E-	U	N957 (200-EAST)	^{144}Ce	7.3E-04 ± 8.3E-	U
Composit Period	^{60}Co	9.7E-05 ± 8.7E-		Composit Period	^{60}Co	4.1E-05 ± 7.6E-	U
06/24/02 to 01/06/03	^{134}Cs	1.6E-05 ± 7.1E-	U	01/06/03 to 06/23/03	^{134}Cs	4.5E-05 ± 7.4E-	U
	^{137}Cs	3.2E-06 ± 3.2E-	U		^{137}Cs	7.2E-05 ± 7.6E-	U
	^{152}Eu	1.1E-04 ± 1.9E-	U		^{152}Eu	1.0E-04 ± 1.9E-	U
	^{154}Eu	9.1E-05 ± 2.2E-	U		^{154}Eu	1.2E-05 ± 1.2E-	U
	^{155}Eu	1.0E-05 ± 1.0E-	U		^{155}Eu	1.2E-04 ± 2.2E-	U
	^{238}Pu	1.2E-06 ± 8.4E-	U		^{238}Pu	7.2E-06 ± 1.2E-	U
	$^{239/240}$Pu	5.9E-07 ± 6.1E-	U		$^{239/240}$Pu	8.4E-06 ± 7.0E-	U
	^{103}Ru	5.1E-06 ± 5.1E-	U		^{103}Ru	8.9E-06 ± 7.7E-	U
	^{106}Ru	1.0E-04 ± 6.0E-	U		^{106}Ru	1.8E-05 ± 1.8E-	U
	^{125}Sb	5.2E-05 ± 1.8E-	U		^{125}Sb	2.7E-05 ± 1.9E-	U
	^{113}Sn	8.3E-05 ± 8.7E-	U		^{113}Sn	4.5E-05 ± 9.1E-	U
	^{90}Sr	1.1E-04 ± 8.1E-			^{90}Sr	2.1E-04 ± 1.2E-	
	^{234}U	4.4E-06 ± 6.2E-	U		^{234}U	8.4E-06 ± 7.6E-	U
	^{235}U	1.6E-06 ± 3.3E-	U		^{235}U	2.2E-06 ± 4.9E-	U
	^{238}U	6.5E-06 ± 6.7E-	U		^{238}U	3.4E-06 ± 3.9E-	U
	^{65}Zn	1.2E-04 ± 1.7E-	U		^{65}Zn	4.9E-05 ± 1.7E-	U
N957 (200-EAST)	^{144}Ce	2.6E-05 ± 2.6E-	U	N967 (200-EAST)	^{144}Ce	1.1E-04 ± 6.9E-	U
Composit Period	^{60}Co	2.3E-05 ± 6.8E-	U	Composit Period	^{60}Co	5.8E-05 ± 7.6E-	U
06/23/03 to 12/23/03	^{134}Cs	6.4E-06 ± 6.4E-	U	06/24/02 to 01/06/03	^{134}Cs	5.8E-05 ± 7.2E-	U
	^{137}Cs	5.8E-05 ± 6.4E-	U		^{137}Cs	2.3E-03 ± 7.6E-	
	^{152}Eu	2.3E-04 ± 2.4E-	U		^{152}Eu	3.4E-05 ± 1.8E-	U
	^{154}Eu	4.7E-05 ± 2.1E-	U		^{154}Eu	5.6E-06 ± 5.6E-	U
	^{155}Eu	1.9E-04 ± 2.2E-	U		^{155}Eu	1.3E-04 ± 1.8E-	U
	^{238}Pu	7.4E-06 ± 9.1E-	U		^{238}Pu	5.5E-06 ± 8.9E-	U
	$^{239/240}$Pu	3.7E-06 ± 3.8E-			$^{239/240}$Pu	6.7E-07 ± 1.3E-	U
	^{103}Ru	7.0E-06 ± 6.7E-	U		^{103}Ru	5.6E-05 ± 7.0E-	U
	^{106}Ru	3.6E-04 ± 5.9E-	U		^{106}Ru	4.0E-04 ± 6.2E-	U
	^{125}Sb	1.8E-06 ± 1.8E-	U		^{125}Sb	6.6E-05 ± 1.8E-	U
	^{113}Sn	1.6E-05 ± 7.3E-	U		^{113}Sn	1.9E-05 ± 7.8E-	U
	^{90}Sr	7.4E-05 ± 9.5E-	U		^{90}Sr	1.4E-04 ± 7.4E-	
	^{234}U	1.5E-05 ± 8.7E-			^{234}U	1.0E-05 ± 6.9E-	
	^{235}U	4.2E-06 ± 4.7E-	U		^{235}U	3.9E-06 ± 3.7E-	
	^{238}U	1.2E-05 ± 7.4E-			^{238}U	1.0E-05 ± 6.6E-	
	^{65}Zn	1.6E-04 ± 1.8E-	U		^{65}Zn	2.1E-04 ± 2.2E-	U
N967 (200-EAST)	^{144}Ce	1.0E-04 ± 8.0E-	U	N967 (200-EAST)	^{144}Ce	6.3E-05 ± 6.0E-	U
Composit Period	^{60}Co	6.9E-05 ± 7.7E-	U	Composit Period	^{60}Co	5.5E-05 ± 7.9E-	U
01/06/03 to 06/23/03	^{134}Cs	3.9E-05 ± 8.2E-	U	06/23/03 to 12/22/03	^{134}Cs	2.0E-05 ± 7.5E-	U
	^{137}Cs	2.1E-04 ± 1.4E-			^{137}Cs	1.1E-04 ± 8.3E-	U
	^{152}Eu	2.2E-04 ± 2.3E-	U		^{152}Eu	1.1E-04 ± 1.4E-	U
	^{154}Eu	3.2E-05 ± 2.2E-	U		^{154}Eu	1.2E-04 ± 2.0E-	U
	^{155}Eu	2.3E-04 ± 2.4E-	U		^{155}Eu	7.9E-05 ± 1.4E-	U
	^{238}Pu	2.8E-06 ± 1.2E-	U		^{238}Pu	1.1E-05 ± 1.6E-	U
	$^{239/240}$Pu	4.6E-06 ± 6.5E-	U		$^{239/240}$Pu	2.6E-05 ± 1.4E-	
	^{103}Ru	8.3E-06 ± 7.7E-	U		^{103}Ru	9.2E-06 ± 5.9E-	U
	^{106}Ru	1.1E-04 ± 6.9E-	U		^{106}Ru	1.8E-04 ± 5.1E-	U
	^{125}Sb	2.6E-07 ± 2.6E-	U		^{125}Sb	8.0E-05 ± 1.3E-	U
	^{113}Sn	1.6E-06 ± 1.6E-	U		^{113}Sn	3.8E-05 ± 6.5E-	U
	^{90}Sr	9.8E-05 ± 1.0E-	U		^{90}Sr	7.1E-04 ± 2.4E-	
	^{234}U	6.5E-06 ± 6.1E-	U		^{234}U	5.8E-06 ± 8.8E-	U
	^{235}U	4.7E-06 ± 4.3E-			^{235}U	3.2E-06 ± 5.7E-	U
	^{238}U	4.3E-06 ± 4.4E-	U		^{238}U	6.5E-06 ± 6.8E-	U
	^{65}Zn	2.5E-04 ± 2.6E-	U		^{65}Zn	6.4E-05 ± 1.7E-	U

N968 (200-EAST)	^{144}Ce	7.9E-05 ± 6.2E-	U	N968 (200-EAST)	^{144}Ce	8.9E-05 ± 7.8E-	U
Composit Period	^{60}Co	2.3E-05 ± 7.4E-	U	Composit Period	^{60}Co	5.1E-05 ± 7.9E-	U
06/24/02 to 01/06/03	^{134}Cs	9.0E-06 ± 7.7E-	U	01/06/03 to 06/23/03	^{134}Cs	5.8E-05 ± 1.1E-	U
	^{137}Cs	2.0E-05 ± 7.2E-	U		^{137}Cs	4.4E-05 ± 7.8E-	U
	^{152}Eu	2.8E-05 ± 1.9E-	U		^{152}Eu	6.9E-07 ± 6.9E-	U
	^{154}Eu	8.6E-05 ± 2.2E-	U		^{154}Eu	4.6E-05 ± 2.1E-	U
	^{155}Eu	4.7E-05 ± 1.8E-	U		^{155}Eu	6.7E-05 ± 2.2E-	U
	^{238}Pu	3.8E-06 ± 8.0E-	U		^{238}Pu	6.8E-06 ± 1.4E-	U
	$^{239/240}Pu$	1.2E-06 ± 1.8E-	U		$^{239/240}Pu$	1.7E-06 ± 3.5E-	U
	^{103}Ru	1.2E-05 ± 6.8E-	U		^{103}Ru	7.8E-05 ± 1.0E-	U
	^{106}Ru	2.1E-04 ± 6.9E-	U		^{106}Ru	4.6E-04 ± 6.9E-	U
	^{125}Sb	7.3E-05 ± 1.7E-	U		^{125}Sb	1.3E-05 ± 1.3E-	U
	^{113}Sn	4.8E-05 ± 7.7E-	U		^{113}Sn	1.7E-05 ± 1.0E-	U
	^{90}Sr	2.3E-04 ± 1.0E-			^{90}Sr	8.6E-05 ± 8.9E-	U
	^{234}U	1.7E-05 ± 9.3E-			^{234}U	1.2E-05 ± 8.3E-	
	^{235}U	1.5E-06 ± 2.2E-	U		^{235}U	7.8E-07 ± 2.7E-	U
	^{238}U	1.7E-05 ± 9.2E-			^{238}U	8.6E-06 ± 6.4E-	
	^{65}Zn	1.1E-04 ± 1.9E-	U		^{65}Zn	5.2E-06 ± 5.2E-	U
N968 (200-EAST)	^{144}Ce	2.3E-04 ± 6.8E-	U	N969 (200-EAST)	^{144}Ce	4.0E-05 ± 4.0E-	U
Composit Period	^{60}Co	3.7E-05 ± 6.6E-	U	Composit Period	^{60}Co	4.8E-07 ± 4.8E-	U
06/23/03 to 12/22/03	^{134}Cs	8.6E-06 ± 7.2E-	U	06/24/02 to 01/06/03	^{134}Cs	4.8E-05 ± 7.2E-	U
	^{137}Cs	4.8E-06 ± 4.8E-	U		^{137}Cs	3.0E-05 ± 6.6E-	U
	^{152}Eu	2.1E-05 ± 1.7E-	U		^{152}Eu	3.0E-05 ± 1.6E-	U
	^{154}Eu	6.9E-05 ± 2.0E-	U		^{154}Eu	7.8E-05 ± 2.0E-	U
	^{155}Eu	2.6E-06 ± 2.6E-	U		^{155}Eu	1.4E-05 ± 1.3E-	U
	^{238}Pu	9.4E-06 ± 1.3E-	U		^{238}Pu	3.4E-06 ± 9.9E-	U
	$^{239/240}Pu$	2.3E-06 ± 3.5E-	U		$^{239/240}Pu$	1.3E-06 ± 3.4E-	U
	^{103}Ru	1.8E-05 ± 7.0E-	U		^{103}Ru	8.1E-06 ± 6.8E-	U
	^{106}Ru	3.9E-04 ± 5.6E-	U		^{106}Ru	6.8E-04 ± 7.1E-	U
	^{125}Sb	3.6E-05 ± 1.5E-	U		^{125}Sb	1.1E-04 ± 1.5E-	U
	^{113}Sn	1.1E-05 ± 7.1E-	U		^{113}Sn	2.6E-05 ± 6.6E-	U
	^{90}Sr	4.4E-05 ± 1.1E-	U		^{90}Sr	9.9E-05 ± 7.4E-	
	^{234}U	2.0E-05 ± 1.1E-			^{234}U	1.5E-05 ± 8.8E-	
	^{235}U	7.3E-07 ± 3.3E-	U		^{235}U	8.5E-07 ± 3.0E-	U
	^{238}U	1.3E-05 ± 7.9E-			^{238}U	6.4E-06 ± 6.6E-	U
	^{65}Zn	9.2E-05 ± 1.5E-	U		^{65}Zn	1.1E-04 ± 1.6E-	U
N969 (200-EAST)	^{144}Ce	6.6E-04 ± 7.9E-	U	N969 (200-EAST)	^{144}Ce	4.7E-04 ± 6.1E-	U
Composit Period	^{60}Co	1.6E-05 ± 9.6E-	U	Composit Period	^{60}Co	4.1E-05 ± 6.6E-	U
01/06/03 to 06/23/03	^{134}Cs	8.8E-05 ± 1.0E-	U	06/23/03 to 12/23/03	^{134}Cs	6.9E-05 ± 7.2E-	U
	^{137}Cs	3.3E-05 ± 9.1E-	U		^{137}Cs	3.0E-05 ± 6.3E-	U
	^{152}Eu	2.4E-05 ± 2.0E-	U		^{152}Eu	7.4E-06 ± 7.4E-	U
	^{154}Eu	1.5E-06 ± 1.5E-	U		^{154}Eu	1.2E-05 ± 1.2E-	U
	^{155}Eu	5.4E-05 ± 2.0E-	U		^{155}Eu	3.7E-05 ± 1.5E-	U
	^{238}Pu	8.3E-06 ± 1.8E-	U		^{238}Pu	4.0E-06 ± 1.0E-	U
	$^{239/240}Pu$	3.2E-06 ± 3.9E-			$^{239/240}Pu$	1.2E-05 ± 8.5E-	
	^{103}Ru	2.0E-05 ± 9.1E-	U		^{103}Ru	4.5E-05 ± 6.3E-	U
	^{106}Ru	5.4E-04 ± 8.7E-	U		^{106}Ru	8.9E-05 ± 5.2E-	U
	^{125}Sb	1.1E-04 ± 2.0E-	U		^{125}Sb	8.9E-05 ± 1.4E-	U
	^{113}Sn	5.5E-05 ± 9.6E-	U		^{113}Sn	2.8E-05 ± 6.2E-	U
	^{90}Sr	3.3E-05 ± 1.1E-	U		^{90}Sr	5.1E-05 ± 1.0E-	U
	^{234}U	1.2E-05 ± 8.7E-			^{234}U	1.5E-05 ± 8.8E-	
	^{235}U	7.1E-06 ± 6.2E-			^{235}U	6.8E-07 ± 7.0E-	U
	^{238}U	1.2E-05 ± 7.9E-			^{238}U	6.8E-06 ± 5.7E-	
	^{65}Zn	1.6E-06 ± 1.6E-	U		^{65}Zn	1.1E-04 ± 1.7E-	U

N970 (200-EAST)	^{144}Ce	8.1E-04 ± 8.6E-	U	**N970** (200-EAST)	^{144}Ce	1.4E-04 ± 5.3E-	U
Composit Period	^{60}Co	2.9E-05 ± 7.0E-	U	Composit Period	^{60}Co	9.3E-05 ± 9.1E-	U
06/24/02 to 01/06/03	^{134}Cs	5.7E-05 ± 7.4E-	U	01/06/03 to 06/23/03	^{134}Cs	1.3E-05 ± 7.0E-	U
	^{137}Cs	2.3E-05 ± 6.9E-	U		^{137}Cs	6.9E-06 ± 6.7E-	U
	^{152}Eu	3.4E-05 ± 1.7E-	U		^{152}Eu	4.2E-05 ± 1.6E-	U
	^{154}Eu	3.7E-05 ± 1.7E-	U		^{154}Eu	9.8E-05 ± 2.1E-	U
	^{155}Eu	5.9E-06 ± 5.9E-	U		^{155}Eu	5.8E-05 ± 1.5E-	U
	^{238}Pu	5.2E-06 ± 8.5E-	U		^{238}Pu	7.5E-07 ± 7.3E-	U
	$^{239/240}$Pu	6.6E-07 ± 1.3E-	U		$^{239/240}$Pu	2.3E-06 ± 3.6E-	U
	^{103}Ru	3.6E-05 ± 6.5E-	U		^{103}Ru	9.1E-06 ± 7.1E-	U
	^{106}Ru	2.9E-04 ± 5.8E-	U		^{106}Ru	2.1E-04 ± 6.5E-	U
	^{125}Sb	7.6E-05 ± 1.6E-	U		^{125}Sb	1.4E-04 ± 1.6E-	U
	^{113}Sn	3.2E-05 ± 7.8E-	U		^{113}Sn	2.0E-05 ± 7.6E-	U
	^{90}Sr	9.3E-05 ± 7.4E-	U		^{90}Sr	6.8E-05 ± 1.0E-	U
	^{234}U	8.6E-06 ± 5.8E-			^{234}U	6.5E-06 ± 5.1E-	
	^{235}U	2.4E-06 ± 2.9E-			^{235}U	2.1E-06 ± 3.9E-	U
	^{238}U	1.3E-05 ± 7.7E-			^{238}U	6.5E-06 ± 4.8E-	
	^{65}Zn	2.4E-05 ± 1.4E-	U		^{65}Zn	1.3E-05 ± 1.3E-	U
N970 (200-EAST)	^{144}Ce	3.8E-04 ± 6.8E-	U	**N972** (200-EAST)	^{144}Ce	2.6E-04 ± 6.6E-	U
Composit Period	^{60}Co	7.2E-05 ± 8.1E-	U	Composit Period	^{60}Co	1.7E-06 ± 1.7E-	U
06/23/03 to 12/22/03	^{134}Cs	7.4E-05 ± 9.0E-	U	06/24/02 to 01/06/03	^{134}Cs	1.9E-05 ± 7.0E-	U
	^{137}Cs	1.9E-05 ± 6.9E-	U		^{137}Cs	1.5E-04 ± 1.2E-	
	^{152}Eu	1.0E-04 ± 1.8E-	U		^{152}Eu	4.2E-05 ± 1.6E-	U
	^{154}Eu	1.0E-04 ± 2.5E-	U		^{154}Eu	5.2E-05 ± 2.1E-	U
	^{155}Eu	1.6E-04 ± 1.8E-	U		^{155}Eu	6.8E-06 ± 6.8E-	U
	^{238}Pu	1.8E-06 ± 9.6E-	U		^{238}Pu	6.6E-06 ± 9.4E-	U
	$^{239/240}$Pu	8.6E-07 ± 3.9E-	U		$^{239/240}$Pu	6.1E-07 ± 3.2E-	U
	^{103}Ru	2.5E-07 ± 2.5E-	U		^{103}Ru	2.0E-05 ± 7.0E-	U
	^{106}Ru	4.4E-04 ± 6.4E-	U		^{106}Ru	3.5E-04 ± 6.3E-	U
	^{125}Sb	1.8E-05 ± 1.7E-	U		^{125}Sb	7.7E-05 ± 1.6E-	U
	^{113}Sn	3.3E-05 ± 8.2E-	U		^{113}Sn	5.0E-05 ± 7.0E-	U
	^{90}Sr	5.8E-05 ± 9.6E-	U		^{90}Sr	1.2E-04 ± 7.9E-	
	^{234}U	1.6E-05 ± 9.3E-			^{234}U	1.5E-05 ± 8.1E-	
	^{235}U	4.5E-06 ± 4.1E-			^{235}U	6.3E-06 ± 5.0E-	U
	^{238}U	1.2E-05 ± 7.6E-			^{238}U	1.4E-05 ± 8.0E-	
	^{65}Zn	1.8E-04 ± 2.2E-	U		^{65}Zn	5.4E-05 ± 1.7E-	U
N972 (200-EAST)	^{144}Ce	4.2E-04 ± 7.8E-	U	**N972** (200-EAST)	^{144}Ce	2.7E-05 ± 2.7E-	U
Composit Period	^{60}Co	6.1E-05 ± 7.6E-	U	Composit Period	^{60}Co	7.1E-06 ± 7.1E-	U
01/06/03 to 06/23/03	^{134}Cs	3.8E-05 ± 7.8E-	U	06/23/03 to 12/22/03	^{134}Cs	3.6E-06 ± 3.6E-	U
	^{137}Cs	7.8E-05 ± 8.4E-	U		^{137}Cs	1.3E-05 ± 6.4E-	U
	^{152}Eu	9.6E-05 ± 1.9E-	U		^{152}Eu	5.4E-05 ± 1.4E-	U
	^{154}Eu	2.8E-04 ± 2.3E-	U		^{154}Eu	2.7E-07 ± 2.7E-	U
	^{155}Eu	2.4E-04 ± 2.5E-	U		^{155}Eu	8.8E-05 ± 1.5E-	U
	^{238}Pu	8.3E-07 ± 7.6E-	U		^{238}Pu	3.7E-06 ± 1.2E-	U
	$^{239/240}$Pu	1.7E-06 ± 3.4E-	U		$^{239/240}$Pu	1.2E-06 ± 2.4E-	U
	^{103}Ru	1.5E-05 ± 7.8E-	U		^{103}Ru	6.0E-05 ± 6.3E-	U
	^{106}Ru	3.0E-04 ± 6.9E-	U		^{106}Ru	4.9E-04 ± 5.6E-	U
	^{125}Sb	6.9E-05 ± 1.8E-	U		^{125}Sb	3.7E-05 ± 1.4E-	U
	^{113}Sn	3.0E-05 ± 8.6E-	U		^{113}Sn	1.1E-05 ± 6.8E-	U
	^{90}Sr	1.5E-07 ± 1.5E-	U		^{90}Sr	7.1E-05 ± 9.4E-	U
	^{234}U	8.3E-06 ± 6.3E-			^{234}U	8.5E-06 ± 6.1E-	
	^{235}U	6.7E-07 ± 7.0E-	U		^{235}U	1.6E-06 ± 3.1E-	U
	^{238}U	4.7E-06 ± 3.9E-			^{238}U	9.2E-06 ± 6.5E-	
	^{65}Zn	3.5E-05 ± 1.5E-	U		^{65}Zn	3.1E-05 ± 2.0E-	U

N973 (200-EAST) Composit Period 06/24/02 to 01/06/03	^{144}Ce	7.2E-05 ± 6.0E-	U	**N973** (200-EAST) Composit Period 01/06/03 to 06/23/03	^{144}Ce	1.3E-04 ± 8.1E-	U
	^{60}Co	2.3E-05 ± 7.7E-	U		^{60}Co	3.6E-05 ± 9.9E-	U
	^{134}Cs	4.1E-05 ± 7.8E-	U		^{134}Cs	2.6E-05 ± 8.7E-	U
	^{137}Cs	2.6E-04 ± 1.7E-			^{137}Cs	3.0E-04 ± 1.5E-	
	^{152}Eu	1.1E-04 ± 1.6E-	U		^{152}Eu	1.1E-04 ± 2.0E-	U
	^{154}Eu	5.2E-05 ± 2.0E-	U		^{154}Eu	9.0E-05 ± 3.3E-	U
	^{155}Eu	6.4E-05 ± 1.7E-	U		^{155}Eu	1.3E-04 ± 1.9E-	U
	^{238}Pu	6.1E-06 ± 7.5E-	U		^{238}Pu	3.1E-06 ± 1.6E-	U
	$^{239/240}$Pu	6.1E-07 ± 1.2E-	U		$^{239/240}$Pu	1.1E-06 ± 3.7E-	U
	^{103}Ru	1.1E-06 ± 1.1E-	U		^{103}Ru	6.5E-05 ± 8.9E-	U
	^{106}Ru	1.8E-05 ± 1.8E-	U		^{106}Ru	1.3E-04 ± 7.6E-	U
	^{125}Sb	4.0E-05 ± 1.6E-	U		^{125}Sb	6.6E-05 ± 1.7E-	U
	^{113}Sn	1.5E-05 ± 7.3E-	U		^{113}Sn	2.3E-05 ± 9.6E-	U
	^{90}Sr	9.8E-05 ± 7.8E-			^{90}Sr	4.0E-05 ± 1.1E-	U
	^{234}U	1.2E-05 ± 7.0E-			^{234}U	1.3E-05 ± 7.9E-	
	^{235}U	4.0E-06 ± 3.8E-	U		^{235}U	3.3E-06 ± 3.4E-	
	^{238}U	7.2E-06 ± 5.2E-			^{238}U	1.5E-05 ± 8.5E-	
	^{65}Zn	1.2E-04 ± 1.7E-	U		^{65}Zn	1.9E-04 ± 2.0E-	U
N973 (200-EAST) Composit Period 06/23/03 to 12/22/03	^{144}Ce	1.1E-04 ± 7.0E-	U	**N976** (200-EAST) Composit Period 06/24/02 to 01/06/03	^{144}Ce	5.9E-04 ± 6.8E-	U
	^{60}Co	2.7E-05 ± 7.8E-	U		^{60}Co	3.2E-05 ± 7.8E-	U
	^{134}Cs	4.3E-05 ± 7.1E-	U		^{134}Cs	9.7E-05 ± 1.0E-	U
	^{137}Cs	4.3E-05 ± 7.4E-	U		^{137}Cs	8.2E-05 ± 8.4E-	U
	^{152}Eu	8.4E-05 ± 1.9E-	U		^{152}Eu	3.1E-06 ± 3.1E-	U
	^{154}Eu	9.0E-05 ± 2.3E-	U		^{154}Eu	3.0E-05 ± 2.2E-	U
	^{155}Eu	1.3E-05 ± 1.3E-	U		^{155}Eu	2.1E-05 ± 1.6E-	U
	^{238}Pu	7.4E-06 ± 1.4E-	U		^{238}Pu	3.3E-06 ± 8.3E-	U
	$^{239/240}$Pu	1.9E-06 ± 4.9E-	U		$^{239/240}$Pu	6.6E-07 ± 6.8E-	U
	^{103}Ru	3.0E-05 ± 6.7E-	U		^{103}Ru	1.2E-05 ± 6.9E-	U
	^{106}Ru	1.4E-04 ± 6.1E-	U		^{106}Ru	2.5E-04 ± 5.9E-	U
	^{125}Sb	1.3E-04 ± 1.6E-	U		^{125}Sb	2.5E-05 ± 1.6E-	U
	^{113}Sn	3.2E-05 ± 7.8E-	U		^{113}Sn	9.5E-06 ± 7.3E-	U
	^{90}Sr	2.2E-05 ± 1.1E-	U		^{90}Sr	1.3E-04 ± 7.7E-	
	^{234}U	1.1E-05 ± 7.4E-			^{234}U	1.7E-05 ± 9.3E-	
	^{235}U	1.6E-06 ± 2.2E-	U		^{235}U	2.6E-06 ± 3.1E-	
	^{238}U	5.8E-06 ± 4.6E-			^{238}U	2.2E-05 ± 1.1E-	
	^{65}Zn	1.2E-05 ± 1.2E-	U		^{65}Zn	3.3E-05 ± 1.6E-	U
N976 (200-EAST) Composit Period 01/06/03 to 06/23/03	^{144}Ce	1.4E-05 ± 1.4E-	U	**N976** (200-EAST) Composit Period 06/23/03 to 12/22/03	^{144}Ce	5.2E-04 ± 6.3E-	U
	^{60}Co	1.4E-05 ± 7.6E-	U		^{60}Co	5.6E-05 ± 8.9E-	U
	^{134}Cs	6.2E-05 ± 7.7E-	U		^{134}Cs	1.3E-05 ± 7.0E-	U
	^{137}Cs	6.4E-05 ± 7.9E-	U		^{137}Cs	1.4E-04 ± 1.3E-	
	^{152}Eu	2.5E-05 ± 1.8E-	U		^{152}Eu	3.0E-05 ± 1.4E-	U
	^{154}Eu	1.1E-04 ± 2.3E-	U		^{154}Eu	5.2E-04 ± 3.5E-	
	^{155}Eu	2.0E-05 ± 2.0E-	U		^{155}Eu	4.4E-05 ± 1.5E-	U
	^{238}Pu	4.6E-06 ± 1.2E-	U		^{238}Pu	6.1E-06 ± 1.1E-	U
	$^{239/240}$Pu	2.3E-06 ± 4.2E-	U		$^{239/240}$Pu	4.4E-06 ± 4.2E-	
	^{103}Ru	8.7E-05 ± 9.0E-	U		^{103}Ru	4.0E-05 ± 6.2E-	U
	^{106}Ru	5.1E-04 ± 7.1E-	U		^{106}Ru	3.1E-04 ± 5.4E-	U
	^{125}Sb	2.3E-05 ± 1.8E-	U		^{125}Sb	9.3E-05 ± 1.4E-	U
	^{113}Sn	5.2E-05 ± 8.5E-	U		^{113}Sn	1.2E-05 ± 6.9E-	U
	^{90}Sr	2.3E-05 ± 8.7E-	U		^{90}Sr	1.6E-04 ± 1.1E-	
	^{234}U	1.5E-05 ± 9.0E-			^{234}U	2.9E-05 ± 1.4E-	
	^{235}U	5.1E-06 ± 4.8E-	U		^{235}U	4.2E-06 ± 4.8E-	U
	^{238}U	2.0E-05 ± 1.1E-			^{238}U	4.0E-05 ± 1.9E-	
	^{65}Zn	1.3E-04 ± 1.7E-	U		^{65}Zn	1.2E-04 ± 1.6E-	U

N977 (200-EAST)	^{144}Ce	2.7E-04 ± 6.1E-	U	**N977** (200-EAST)	^{144}Ce	2.7E-04 ± 7.6E-	U
Composit Period	^{60}Co	3.8E-05 ± 7.6E-	U	Composit Period	^{60}Co	2.5E-05 ± 1.0E-	U
06/24/02 to 01/06/03	^{134}Cs	7.7E-05 ± 9.1E-	U	01/06/03 to 06/23/03	^{134}Cs	1.6E-05 ± 8.4E-	U
	^{137}Cs	1.2E-05 ± 7.7E-	U		^{137}Cs	2.2E-05 ± 8.0E-	U
	^{152}Eu	1.6E-04 ± 1.7E-	U		^{152}Eu	1.8E-04 ± 2.0E-	U
	^{154}Eu	9.3E-06 ± 9.3E-	U		^{154}Eu	9.7E-06 ± 9.7E-	U
	^{155}Eu	6.3E-05 ± 1.8E-	U		^{155}Eu	1.7E-04 ± 1.9E-	U
	^{238}Pu	3.8E-06 ± 9.5E-	U		^{238}Pu	2.5E-06 ± 1.2E-	U
	$^{239/240}$Pu	6.3E-07 ± 3.3E-	U		$^{239/240}$Pu	4.1E-06 ± 4.6E-	U
	^{103}Ru	5.2E-05 ± 7.7E-	U		^{103}Ru	6.2E-07 ± 6.2E-	U
	^{106}Ru	3.9E-04 ± 6.7E-	U		^{106}Ru	2.0E-05 ± 2.0E-	U
	^{125}Sb	2.6E-06 ± 2.7E-	U		^{125}Sb	1.2E-04 ± 1.8E-	U
	^{113}Sn	3.9E-06 ± 3.9E-	U		^{113}Sn	1.9E-05 ± 8.9E-	U
	^{90}Sr	1.2E-04 ± 7.1E-			^{90}Sr	1.8E-04 ± 1.9E-	U
	^{234}U	1.1E-05 ± 7.2E-			^{234}U	5.9E-06 ± 5.5E-	U
	^{235}U	8.1E-07 ± 2.9E-	U		^{235}U	1.6E-06 ± 3.3E-	U
	^{238}U	1.3E-05 ± 7.6E-			^{238}U	5.9E-06 ± 5.5E-	U
	^{65}Zn	1.8E-04 ± 1.9E-	U		^{65}Zn	1.0E-04 ± 2.0E-	U
N977 (200-EAST)	^{144}Ce	7.2E-05 ± 6.9E-	U	**N978** (200-EAST)	^{144}Ce	2.4E-04 ± 5.2E-	U
Composit Period	^{60}Co	3.3E-05 ± 7.0E-	U	Composit Period	^{60}Co	1.1E-05 ± 7.0E-	U
06/23/03 to 12/22/03	^{134}Cs	2.7E-05 ± 6.3E-	U	06/24/02 to 01/06/03	^{134}Cs	4.7E-06 ± 4.7E-	U
	^{137}Cs	8.5E-05 ± 8.9E-	U		^{137}Cs	4.2E-05 ± 6.5E-	U
	^{152}Eu	6.6E-05 ± 1.5E-	U		^{152}Eu	1.7E-06 ± 1.7E-	U
	^{154}Eu	1.2E-04 ± 2.4E-	U		^{154}Eu	4.8E-05 ± 2.0E-	U
	^{155}Eu	2.7E-05 ± 1.5E-	U		^{155}Eu	3.3E-05 ± 1.5E-	U
	^{238}Pu	4.8E-06 ± 9.2E-	U		^{238}Pu	2.7E-06 ± 7.0E-	U
	$^{239/240}$Pu	4.8E-06 ± 5.0E-	U		$^{239/240}$Pu	1.1E-06 ± 2.2E-	U
	^{103}Ru	1.2E-05 ± 6.2E-	U		^{103}Ru	3.0E-05 ± 6.5E-	U
	^{106}Ru	4.3E-05 ± 4.3E-	U		^{106}Ru	8.6E-05 ± 5.6E-	U
	^{125}Sb	9.8E-05 ± 1.4E-	U		^{125}Sb	1.4E-06 ± 1.4E-	U
	^{113}Sn	3.2E-05 ± 6.4E-	U		^{113}Sn	4.3E-06 ± 4.3E-	U
	^{90}Sr	1.5E-05 ± 8.2E-	U		^{90}Sr	9.6E-05 ± 8.2E-	U
	^{234}U	1.2E-05 ± 7.9E-			^{234}U	9.6E-06 ± 6.5E-	
	^{235}U	3.5E-06 ± 3.7E-			^{235}U	1.6E-06 ± 2.3E-	U
	^{238}U	1.5E-05 ± 8.9E-			^{238}U	1.3E-05 ± 7.6E-	
	^{65}Zn	6.0E-05 ± 1.8E-	U		^{65}Zn	2.0E-05 ± 1.6E-	U
N978 (200-EAST)	^{144}Ce	3.4E-04 ± 7.1E-	U	**N978** (200-EAST)	^{144}Ce	1.3E-05 ± 1.3E-	U
Composit Period	^{60}Co	1.5E-06 ± 1.5E-	U	Composit Period	^{60}Co	4.5E-05 ± 9.4E-	U
01/06/03 to 06/23/03	^{134}Cs	4.3E-05 ± 9.1E-	U	06/23/03 to 12/23/03	^{134}Cs	5.7E-05 ± 9.2E-	U
	^{137}Cs	4.9E-06 ± 4.9E-	U		^{137}Cs	1.3E-05 ± 7.8E-	U
	^{152}Eu	4.3E-05 ± 1.8E-	U		^{152}Eu	8.7E-05 ± 2.1E-	U
	^{154}Eu	2.5E-05 ± 2.5E-	U		^{154}Eu	8.9E-05 ± 2.8E-	U
	^{155}Eu	1.4E-04 ± 1.9E-	U		^{155}Eu	6.8E-05 ± 1.7E-	U
	^{238}Pu	6.1E-06 ± 1.4E-	U		^{238}Pu	2.4E-06 ± 1.0E-	U
	$^{239/240}$Pu	1.8E-05 ± 1.1E-			$^{239/240}$Pu	2.4E-06 ± 4.8E-	U
	^{103}Ru	1.9E-05 ± 8.2E-	U		^{103}Ru	1.0E-05 ± 7.8E-	U
	^{106}Ru	2.8E-04 ± 7.6E-	U		^{106}Ru	6.0E-04 ± 7.0E-	U
	^{125}Sb	2.2E-05 ± 1.7E-	U		^{125}Sb	4.6E-05 ± 1.7E-	U
	^{113}Sn	3.2E-05 ± 8.7E-	U		^{113}Sn	3.3E-05 ± 8.2E-	U
	^{90}Sr	7.5E-05 ± 9.6E-	U		^{90}Sr	7.5E-06 ± 7.5E-	
	^{234}U	1.3E-05 ± 7.5E-			^{234}U	1.4E-05 ± 8.9E-	
	^{235}U	3.8E-06 ± 4.6E-	U		^{235}U	5.1E-06 ± 5.2E-	U
	^{238}U	1.0E-05 ± 6.7E-			^{238}U	1.9E-05 ± 1.1E-	
	^{65}Zn	2.3E-05 ± 2.1E-	U		^{65}Zn	6.0E-05 ± 2.2E-	U

N984 (200-EAST)	^{144}Ce	3.1E-04 ± 7.4E-	U	**N984** (200-EAST)	^{144}Ce	2.2E-05 ± 2.2E-	U
Composit Period	^{60}Co	2.5E-06 ± 2.5E-	U	Composit Period	^{60}Co	6.3E-05 ± 9.4E-	U
06/24/02 to 01/06/03	^{134}Cs	4.6E-05 ± 7.5E-	U	01/06/03 to 06/23/03	^{134}Cs	6.4E-05 ± 9.3E-	U
	^{137}Cs	2.7E-04 ± 1.5E-			^{137}Cs	2.8E-04 ± 1.6E-	
	^{152}Eu	2.9E-05 ± 1.7E-	U		^{152}Eu	1.3E-04 ± 1.9E-	U
	^{154}Eu	2.0E-04 ± 2.5E-	U		^{154}Eu	3.4E-05 ± 2.8E-	U
	^{155}Eu	1.7E-04 ± 1.8E-	U		^{155}Eu	4.4E-05 ± 2.0E-	U
	^{238}Pu	2.0E-06 ± 1.0E-	U		^{238}Pu	2.0E-06 ± 1.5E-	U
	$^{239/240}$Pu	2.0E-06 ± 3.0E-	U		$^{239/240}$Pu	2.9E-06 ± 3.6E-	
	^{103}Ru	4.7E-07 ± 4.7E-	U		^{103}Ru	1.9E-05 ± 8.8E-	U
	^{106}Ru	3.2E-04 ± 6.9E-	U		^{106}Ru	7.1E-06 ± 7.1E-	U
	^{125}Sb	4.8E-05 ± 1.5E-	U		^{125}Sb	2.5E-05 ± 2.0E-	U
	^{113}Sn	1.1E-05 ± 7.2E-	U		^{113}Sn	1.2E-05 ± 8.9E-	U
	^{90}Sr	1.8E-04 ± 9.3E-			^{90}Sr	6.5E-04 ± 2.3E-	
	^{234}U	1.4E-05 ± 8.0E-			^{234}U	1.0E-05 ± 6.6E-	
	^{235}U	1.5E-06 ± 3.1E-	U		^{235}U	8.4E-07 ± 1.7E-	U
	^{238}U	9.5E-06 ± 6.1E-			^{238}U	1.2E-05 ± 7.6E-	
	^{65}Zn	1.4E-04 ± 1.8E-	U		^{65}Zn	1.6E-05 ± 1.6E-	U
N984 (200-EAST)	^{144}Ce	1.8E-04 ± 7.5E-	U	**N985** (200-EAST)	^{144}Ce	4.9E-04 ± 5.5E-	U
Composit Period	^{60}Co	8.8E-05 ± 9.1E-	U	Composit Period	^{60}Co	2.0E-05 ± 6.6E-	U
06/23/03 to 12/22/03	^{134}Cs	1.7E-05 ± 6.9E-	U	06/24/02 to 01/06/03	^{134}Cs	1.3E-05 ± 6.9E-	U
	^{137}Cs	8.5E-05 ± 8.3E-	U		^{137}Cs	2.7E-04 ± 1.4E-	
	^{152}Eu	2.3E-04 ± 2.4E-	U		^{152}Eu	6.6E-05 ± 1.5E-	U
	^{154}Eu	5.9E-06 ± 5.9E-	U		^{154}Eu	5.7E-05 ± 1.9E-	U
	^{155}Eu	1.2E-04 ± 2.1E-	U		^{155}Eu	4.5E-05 ± 1.4E-	U
	^{238}Pu	1.8E-06 ± 9.4E-	U		^{238}Pu	4.6E-06 ± 9.4E-	U
	$^{239/240}$Pu	2.2E-05 ± 1.2E-			$^{239/240}$Pu	2.0E-06 ± 3.1E-	U
	^{103}Ru	4.6E-06 ± 4.6E-	U		^{103}Ru	1.4E-05 ± 6.5E-	U
	^{106}Ru	3.2E-04 ± 6.3E-	U		^{106}Ru	1.2E-04 ± 6.4E-	U
	^{125}Sb	5.4E-05 ± 1.5E-	U		^{125}Sb	1.1E-05 ± 1.1E-	U
	^{113}Sn	6.5E-06 ± 6.5E-	U		^{113}Sn	9.9E-05 ± 9.8E-	U
	^{90}Sr	1.0E-03 ± 3.3E-			^{90}Sr	1.2E-04 ± 7.6E-	
	^{234}U	1.3E-05 ± 8.1E-			^{234}U	8.1E-06 ± 5.4E-	
	^{235}U	3.6E-06 ± 3.8E-			^{235}U	4.3E-06 ± 4.2E-	U
	^{238}U	1.0E-05 ± 7.2E-			^{238}U	8.8E-06 ± 5.8E-	
	^{65}Zn	4.8E-05 ± 1.5E-	U		^{65}Zn	1.9E-05 ± 1.6E-	U
N985 (200-EAST)	^{144}Ce	2.7E-05 ± 2.7E-	U	**N985** (200-EAST)	^{144}Ce	5.4E-05 ± 5.4E-	U
Composit Period	^{60}Co	8.7E-05 ± 9.3E-	U	Composit Period	^{60}Co	4.7E-05 ± 7.8E-	U
01/06/03 to 06/23/03	^{134}Cs	4.2E-05 ± 8.0E-	U	06/23/03 to 12/22/03	^{134}Cs	4.0E-05 ± 6.9E-	U
	^{137}Cs	2.0E-04 ± 1.3E-			^{137}Cs	1.3E-04 ± 9.8E-	
	^{152}Eu	2.4E-05 ± 1.6E-	U		^{152}Eu	7.4E-05 ± 1.5E-	U
	^{154}Eu	7.5E-05 ± 2.2E-	U		^{154}Eu	1.0E-04 ± 2.2E-	U
	^{155}Eu	2.0E-05 ± 1.6E-	U		^{155}Eu	1.7E-05 ± 1.6E-	U
	^{238}Pu	5.3E-06 ± 1.3E-	U		^{238}Pu	5.6E-06 ± 1.0E-	U
	$^{239/240}$Pu	9.2E-07 ± 9.5E-	U		$^{239/240}$Pu	5.6E-06 ± 6.3E-	U
	^{103}Ru	4.8E-05 ± 8.6E-	U		^{103}Ru	1.7E-05 ± 6.3E-	U
	^{106}Ru	2.1E-04 ± 6.5E-	U		^{106}Ru	1.5E-04 ± 5.2E-	U
	^{125}Sb	1.3E-04 ± 1.7E-	U		^{125}Sb	4.6E-06 ± 4.6E-	U
	^{113}Sn	1.4E-05 ± 7.8E-	U		^{113}Sn	1.6E-06 ± 1.6E-	U
	^{90}Sr	3.0E-05 ± 8.9E-	U		^{90}Sr	1.5E-04 ± 9.7E-	
	^{234}U	9.2E-06 ± 7.1E-			^{234}U	2.4E-05 ± 1.2E-	
	^{235}U	7.6E-07 ± 3.4E-	U		^{235}U	3.3E-06 ± 4.7E-	U
	^{238}U	1.2E-05 ± 7.7E-			^{238}U	1.5E-05 ± 8.9E-	
	^{65}Zn	1.2E-04 ± 1.9E-	U		^{65}Zn	1.2E-04 ± 1.6E-	U

N999 (200-EAST) Composit Period 06/24/02 to 01/06/03	^{144}Ce	1.7E-04 ± 5.1E-	U	N999 (200-EAST) Composit Period 01/06/03 to 06/23/03	^{144}Ce	5.7E-04 ± 7.7E-	U
	^{60}Co	7.0E-06 ± 6.6E-	U		^{60}Co	2.8E-05 ± 8.7E-	U
	^{134}Cs	1.4E-04 ± 9.6E-			^{134}Cs	6.1E-06 ± 6.2E-	U
	^{137}Cs	8.1E-05 ± 8.7E-	U		^{137}Cs	4.5E-05 ± 8.4E-	U
	^{152}Eu	1.2E-04 ± 1.5E-	U		^{152}Eu	1.5E-04 ± 1.8E-	U
	^{154}Eu	1.4E-05 ± 1.4E-	U		^{154}Eu	7.5E-05 ± 2.3E-	U
	^{155}Eu	1.5E-06 ± 1.5E-	U		^{155}Eu	7.3E-05 ± 2.0E-	U
	^{238}Pu	6.1E-07 ± 6.1E-	U		^{238}Pu	9.0E-07 ± 9.0E-	U
	$^{239/240}$Pu	6.1E-07 ± 1.2E-	U		$^{239/240}$Pu	1.7E-06 ± 2.5E-	U
	^{103}Ru	1.2E-05 ± 6.7E-	U		^{103}Ru	6.6E-05 ± 8.6E-	U
	^{106}Ru	3.2E-04 ± 5.5E-	U		^{106}Ru	5.7E-04 ± 7.7E-	U
	^{125}Sb	1.3E-06 ± 1.3E-	U		^{125}Sb	4.8E-05 ± 2.0E-	U
	^{113}Sn	1.8E-06 ± 1.8E-	U		^{113}Sn	2.8E-05 ± 8.4E-	U
	^{90}Sr	2.6E-05 ± 6.1E-	U		^{90}Sr	2.2E-05 ± 1.1E-	U
	^{234}U	2.8E-05 ± 1.3E-			^{234}U	6.4E-06 ± 6.1E-	U
	^{235}U	3.4E-06 ± 3.9E-	U		^{235}U	7.0E-06 ± 5.8E-	
	^{238}U	1.9E-05 ± 9.7E-			^{238}U	9.7E-06 ± 6.3E-	
	^{65}Zn	4.5E-05 ± 1.6E-	U		^{65}Zn	1.2E-04 ± 2.0E-	U
N999 (200-EAST) Composit Period 06/23/03 to 12/22/03	^{144}Ce	5.5E-04 ± 8.0E-	U				
	^{60}Co	8.8E-05 ± 7.9E-	U				
	^{134}Cs	2.4E-05 ± 7.1E-	U				
	^{137}Cs	8.4E-05 ± 7.5E-	U				
	^{152}Eu	1.5E-05 ± 1.5E-	U				
	^{154}Eu	7.9E-05 ± 2.1E-	U				
	^{155}Eu	2.4E-05 ± 1.8E-	U				
	^{238}Pu	5.9E-06 ± 1.2E-	U				
	$^{239/240}$Pu	8.5E-07 ± 8.8E-	U				
	^{103}Ru	3.7E-06 ± 3.7E-	U				
	^{106}Ru	1.2E-05 ± 1.2E-	U				
	^{125}Sb	1.7E-04 ± 1.5E-	U				
	^{113}Sn	3.7E-05 ± 7.6E-	U				
	^{90}Sr	8.5E-05 ± 9.7E-	U				
	^{234}U	1.6E-05 ± 9.3E-					
	^{235}U	2.6E-06 ± 3.1E-					
	^{238}U	1.5E-05 ± 9.0E-					
	^{65}Zn	2.0E-04 ± 2.5E-	U				

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PARTIAL DATA FOR SAF F02-009

FINAL DATA PACKAGE

SDG: H2302

☐ **CHEMICAL DATA** PSTF/ModuTanks 2003 Annual Sampling Sr-90

☑ **RADIOCHEMISTRY DATA**

DISTRIBUTE TO: Chris Wright
Greg Thomas

WASTE SITE(S): Purgewater Storage and Treatment Facility

EBERLINE
SERVICES

September 15, 2003

Mr. Steve Trent
Fluor Hanford Inc.
825 Jadwin Avenue
Richland, WA 99352

Reference: **P.O. #630**
Eberline Services R3-08-008-7560, SDG H2302

Dear Mr. Trent:

Enclosed is the data report for six water samples designated under SAF No. F02-009 received at Eberline Services on August 1, 2003. The samples were analyzed according to the accompanying chain-of-custody documents.

Please call if you have any questions concerning this report.

Sincerely,

Melissa Mannion

Melissa C. Mannion
Program Manager

MCM

Enclosure: Data Package

SEP 2003
RECEIVED

Analytical Services
2030 Wright Avenue
P.O. Box 4040
Richmond, California 94804-0040
(510) 235-2633 Fax (510) 235-0438
Toll Free (800) 841-5487
www.eberlineservices.com

1.0 GENERAL

Fluor Hanford Inc. (FH) Sample Delivery Group H2302 was composed of six water samples designated under SAF No. F02-009 with a Project Designation of: CY 2003 RCRA/CERCLA GW Well Installation Waste Disposal.

The samples were received as stated on the Chain-of-Custody document. Any discrepancies are noted on the Eberline Services Sample Receipt Checklist.

2.0 ANALYSIS NOTES

2.1 Total Strontium Analyses

The LCS percent recovery (82%) was below the 3σ limits (85 to 115%), but within the laboratory protocol limits (80 to 120%). No other problems were encountered during the course of the analyses.

Case Narrative Certification Statement

"I certify that this data package is in compliance with the SOW, both technically and for completeness, for other than the conditions detailed above. Release of the data obtained in this hard copy data package has been authorized by the Laboratory Manager or a designee, as verified by the following signature."

Melissa Mannion — 9/15/3

Melissa C. Mannion
Program Manager

Date

E B E R L I N E S E R V I C E S / R I C H M O N D
SAMPLE DELIVERY GROUP H2302

SDG	7560
Contact	Melissa C. Mannion

Client	Hanford
Contract	No. 630
Case no	SDG H2302

S U M M A R Y D A T A S E C T I O N

T A B L E O F C O N T E N T S

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Melin Mannion

Prepared by

Melin Mannion

Reviewed by

Lab id	EBRLNE
Protocol	Hanford
Version	Ver 1.0
Form	DVD-TOC
Version	3.06
Report date	09/15/03

EBERLINE SERVICES/RICHMOND

SAMPLE DELIVERY GROUP H2302

SDG	7560
Contact	Melissa C. Mannion

REPORT GUIDE

Client	Hanford
Contract	No. 630
Case no	SDG H2302

ABOUT THE DATA SUMMARY SECTION

The Data Summary Section of a Data Package has all data, in several useful orders, necessary for first level, routine review of the data package for a Sample Delivery Group (SDG). This section follows the Data Package Narrative, which has an overview of the data package and a discussion of special problems. It is followed by the Raw Data Section, which has full details.

The Data Summary Section has several groups of reports:

SAMPLE SUMMARIES

The Sample and QC Summary Reports show all samples, including QC samples, reported in one SDG. These reports cross-reference client and lab sample identifiers.

PREPARATION BATCH SUMMARY

The Preparation Batch Summary Report shows all preparation batches (lab groupings reflecting how work was organized) relevant to the reported SDG with information necessary to check the completeness and consistency of the SDG.

WORK SUMMARY

The Work Summary Report shows all samples and work done on them relevant to the reported SDG.

METHOD BLANKS

The Method Blank Reports, one for each Method Blank relevant to the SDG, show all results and primary supporting information for the blanks.

LAB CONTROL SAMPLES

The Lab Control Sample Reports, one for each Lab Control Sample relevant to the SDG, show all results, recoveries and primary supporting information for these QC samples.

Lab id	EBRLNE
Protocol	Hanford
Version	Ver 1.0
Form	DVD-RG
Version	3.06
Report date	09/15/03

ABOUT THE DATA SUMMARY SECTION

DUPLICATES

The Duplicate Reports, one for each Duplicate and Original sample pair relevant to the SDG, show all results, differences and primary supporting information for these QC samples.

MATRIX SPIKES

The Matrix Spike Reports, one for each Spiked and Original sample pair relevant to the SDG, show all results, recoveries and primary supporting information for these QC samples.

DATA SHEETS

The Data Sheet Reports, one for each client sample in the SDG, show all results and primary supporting information for these samples.

METHOD SUMMARIES

The Method Summary Reports, one for each test used in the SDG, show all results, QC and method performance data for one analyte on one or two pages. (A test is a short code for the method used to do certain work to the client's specification.)

REPORT GUIDES

The Report Guides, one for each of the above groups of reports, have documentation on how to read the associated reports.

EBERLINE SERVICES/RICHMOND

SAMPLE DELIVERY GROUP H2302

LAB SAMPLE SUMMARY

SDG 7560
Contact Melissa C. Mannion

Client Hanford
Contract No. 630
Case no SDG H2302

LAB SAMPLE ID	CLIENT SAMPLE ID	LOCATION	MATRIX	LEVEL	SAF NO	CHAIN OF CUSTODY	COLLECTED
R308008-01	B17B10	Purgewater Storage & Tre	WATER		F02-009	F02-009-006	07/29/03 10:45
R308008-02	B17B05	Purgewater Storage & Tre	WATER		F02-009	F02-009-006	07/29/03 06:45
R308008-03	B17B06	Purgewater Storage & Tre	WATER		F02-009	F02-009-006	07/29/03 08:25
R308008-04	B17B07	Purgewater Storage & Tre	WATER		F02-009	F02-009-006	07/29/03 09:00
R308008-05	B17B08	Purgewater Storage & Tre	WATER		F02-009	F02-009-006	07/29/03 09:40
R308008-06	B17B09	Purgewater Storage & Tre	WATER		F02-009	F02-009-006	07/29/03 09:40
R308008-07	Lab Control Sample		WATER		F02-009		
R308008-08	Method Blank		WATER		F02-009		
R308008-09	Duplicate (R308008-03)	Purgewater Storage & Tre	WATER		F02-009		07/29/03 08:25

Lab id EBRLNE
Protocol Hanford
Version Ver 1.0
Form DVD-LS
Version 3.06
Report date 09/15/03

EBERLINE SERVICES/RICHMOND

SAMPLE DELIVERY GROUP H2302

SDG 7560
Contact Melissa C. Mannion

QC SUMMARY

Client Hanford
Contract No. 630
Case no SDG H2302

QC BATCH	CHAIN OF CUSTODY	CLIENT SAMPLE ID	MATRIX	% SOLIDS	SAMPLE AMOUNT	BASIS AMOUNT	DAYS SINCE RECEIVED	DAYS SINCE COLL	LAB SAMPLE ID	DEPARTMENT SAMPLE ID
7560	F02-009-006	B17B05	WATER		1.03 L		08/01/03	3	R308008-02	7560-002
		B17B06	WATER		1.04 L		08/01/03	3	R308008-03	7560-003
		B17B07	WATER		1.06 L		08/01/03	3	R308008-04	7560-004
		B17B08	WATER		1.05 L		08/01/03	3	R308008-05	7560-005
		B17B09	WATER		1.05 L		08/01/03	3	R308008-06	7560-006
		B17B10	WATER		1.0 L		08/01/03	3	R308008-01	7560-001
		Method Blank	WATER						R308008-08	7560-008
		Lab Control Sample	WATER						R308008-07	7560-007
		Duplicate (R308008-03)	WATER		1.04 L		08/01/03	3	R308008-09	7560-009

Lab id EBRLNE
Protocol Hanford
Version Ver 1.0
Form DVD-QS
Version 3.06
Report date 09/15/03

EBERLINE SERVICES/RICHMOND

SAMPLE DELIVERY GROUP H2302

SDG 7560
Contact Melissa C. Mannion

PREP BATCH SUMMARY

Client Hanford
Contract No. 630
Case no SDG H2302

TEST	MATRIX	METHOD	PREPARATION BATCH	ERROR 2σ %	PLANCHETS ANALYZED CLIENT	MORE	RE	BLANK	LCS	DUP/ORIG	MS/ORIG	QUALIFIERS
Beta Counting												
SR	WATER	Total Strontium in Water	7071-197	10.0	6			1	1	1/1		

Duplicates and Matrix Spikes are those with original (Client) sample in this Sample Delivery Group.
Blank and LCS planchets are those in the same preparation batch as some Client, Duplicate or Spike sample.

Lab id EBRLNE
Protocol Hanford
Version Ver 1.0
Form DVU-PBS
Version 3.06
Report date 09/15/03

EBERLINE SERVICES/RICHMOND

SAMPLE DELIVERY GROUP H2302

SDG 7560
Contact Melissa C. Mannion

LAB WORK SUMMARY

Client Hanford
Contract No. 630
Case no SDG H2302

LAB SAMPLE COLLECTED RECEIVED	CLIENT SAMPLE ID LOCATION CUSTODY	SAF No	MATRIX	PLANCHET	TEST	SUF-FIX	ANALYZED	REVIEWED	BY	METHOD
R308008-01 07/29/03 08/01/03	B17B10 Purgewater Storage & Tre F02-009-006	F02-009	WATER	7560-001	SR		08/29/03	09/09/03	MWT	Total Strontium in Water
R308008-02 07/29/03 08/01/03	B17B05 Purgewater Storage & Tre F02-009-006	F02-009	WATER	7560-002	SR		08/29/03	09/09/03	MWT	Total Strontium in Water
R308008-03 07/29/03 08/01/03	B17B06 Purgewater Storage & Tre F02-009-006	F02-009	WATER	7560-003	SR		08/29/03	09/09/03	MWT	Total Strontium in Water
R308008-04 07/29/03 08/01/03	B17B07 Purgewater Storage & Tre F02-009-006	F02-009	WATER	7560-004	SR		08/29/03	09/09/03	MWT	Total Strontium in Water
R308008-05 07/29/03 08/01/03	B17B08 Purgewater Storage & Tre F02-009-006	F02-009	WATER	7560-005	SR		08/29/03	09/09/03	MWT	Total Strontium in Water
R308008-06 07/29/03 08/01/03	B17B09 Purgewater Storage & Tre F02-009-006	F02-009	WATER	7560-006	SR		08/29/03	09/09/03	MWT	Total Strontium in Water
R308008-07	Lab Control Sample	F02-009	WATER	7560-007	SR		08/29/03	09/09/03	MWT	Total Strontium in Water
R308008-08	Method Blank	F02-009	WATER	7560-008	SR		08/29/03	09/09/03	MWT	Total Strontium in Water
R308008-09 07/29/03 08/01/03	Duplicate (R308008-03) Purgewater Storage & Tre	F02-009	WATER	7560-009	SR		08/29/03	09/09/03	MWT	Total Strontium in Water

Lab id EBRLNE
Protocol Hanford
Version Ver 1.0
Form DVD-LWS
Version 3.06
Report date 09/15/03

EBERLINE SERVICES/RICHMOND

SAMPLE DELIVERY GROUP H2302

SDG 7560
Contact Melissa C. Mannion

WORK SUMMARY, cont.

Client Hanford
Contract No. 630
Case no SDG H2302

COUNTS OF TESTS BY SAMPLE TYPE

TEST	SAF No	METHOD	REFERENCE	CLIENT	MORE	RE	BLANK	LCS	DUP SPIKE	TOTAL
SR	F02-009	Total Strontium in Water	SRTOT_SEP_PRECIP_GPC	6			1	1	1	9
TOTALS				6			1	1	1	9

Lab id EBRLNE
Protocol Hanford
Version Ver 1.0
Form DVD-LWS
Version 3.06
Report date 09/15/03

EBERLINE SERVICES/RICHMOND

SAMPLE DELIVERY GROUP H2302

7560-008 Method Blank

METHOD BLANK

SDG	7560	Client/Case no	Hanford	SDG H2302	
Contact	Melissa C. Mannion	Contract	No. 630		
Lab sample id	R308008-08	Client sample id	Method Blank		
Dept sample id	7560-008	Material/Matrix		WATER	
		SAF No	F02-009		

ANALYTE	CAS NO	RESULT pCi/L	2σ ERR (COUNT)	MDA pCi/L	RDL pCi/L	QUALI-FIERS	TEST
Total Strontium	SR-RAD	-0.041	0.20	0.42	2.0	U	SR

ModuTank-Annual Smpl. of Purge Water

QC-BLANK 45304

Lab id	EBRLNE
Protocol	Hanford
Version	Ver 1.0
Form	DVD-DS
Version	3.06
Report date	09/15/03

EBERLINE SERVICES/RICHMOND

SAMPLE DELIVERY GROUP H2302

7560-007

Lab Control Sample

LAB CONTROL SAMPLE

SDG 7560
Contact Melissa C. Mannion

Client/Case no Hanford SDG H2302
Contract No. 630

Lab sample id R308008-07
Dept sample id 7560-007

Client sample id Lab Control Sample
Material/Matrix WATER
SAF No F02-009

ANALYTE	RESULT pCi/L	2σ ERR (COUNT)	MDA pCi/L	RDL pCi/L	QUALI-FIERS	TEST	ADDED pCi/L	2σ ERR pCi/L	REC %	3σ LMTS (TOTAL)	PROTOCOL LIMITS
Total Strontium	36.1	1.4	0.42	2.0		SR	44.0	1.8	82	85-115	80-120

ModuTank-Annual Smpl. of Purge Water

QC-LCS 45303

Lab id EBRLNE
Protocol Hanford
Version Ver 1.0
Form DVD-LCS
Version 3.06
Report date 09/15/03

EBERLINE SERVICES/RICHMOND

SAMPLE DELIVERY GROUP H2302

7560-009

B17B06

DUPLICATE

SDG	7560			Client/Case no	Hanford SDG H2302
Contact	Melissa C. Mannion			Contract	No. 630
	DUPLICATE		ORIGINAL		
Lab sample id	R308008-09	Lab sample id	R308008-03	Client sample id	B17B06
Dept sample id	7560-009	Dept sample id	7560-003	Location/Matrix	Purgewater Storage & Tre WATER
		Received	08/01/03	Collected/Volume	07/29/03 08:25 1.04 L
				Custody/SAF No	F02-009-006 F02-009

ANALYTE	DUPLICATE pCi/L	2σ ERR (COUNT)	MDA pCi/L	RDL pCi/L	QUALI-FIERS	TEST	ORIGINAL pCi/L	2σ ERR (COUNT)	MDA pCi/L	QUALI-FIERS	RPD %	3σ TOT	PROT LIMIT
Total Strontium	0.813	0.33	0.50	2.0		SR	0.753	0.41	0.68		8	103	

ModuTank-Annual Smpl. of Purge Water

QC-DUP#3 45305

Lab id	EBRLNE
Protocol	Hanford
Version	Ver 1.0
Form	DVD-DUP
Version	3.06
Report date	09/15/03

EBERLINE SERVICES/RICHMOND

SAMPLE DELIVERY GROUP H2302

7560-001 B17B10

DATA SHEET

SDG	7560	Client/Case no	Hanford SDG H2302
Contact	Melissa C. Mannion	Contract	No. 630
Lab sample id	R308008-01	Client sample id	B17B10
Dept sample id	7560-001	Location/Matrix	Purgewater Storage & Tre WATER
Received	08/01/03	Collected/Volume	07/29/03 10:45 1.0 L
		Custody/SAF No	F02-009-006 F02-009

ANALYTE	CAS NO	RESULT pCi/L	2σ ERR (COUNT)	MDA pCi/L	RDL pCi/L	QUALI-FIERS	TEST
Total Strontium	SR-RAD	0.481	0.30	0.50	2.0	U	SR

ModuTank-Annual Smpl. of Purge Water

Lab id	EBRLNE
Protocol	Hanford
Version	Ver 1.0
Form	DVD-DS
Version	3.06
Report date	09/15/03

EBERLINE SERVICES/RICHMOND

SAMPLE DELIVERY GROUP H2302

7560-002 B17B05

DATA SHEET

SDG	7560	Client/Case no	Hanford	SDG H2302	
Contact	Melissa C. Mannion	Contract	No. 630		
Lab sample id	R308008-02	Client sample id	B17B05		
Dept sample id	7560-002	Location/Matrix	Purgewater Storage & Tre	WATER	
Received	08/01/03	Collected/Volume	07/29/03 06:45	1.03 L	
		Custody/SAF No	F02-009-006	F02-009	

ANALYTE	CAS NO	RESULT pCi/L	2σ ERR (COUNT)	MDA pCi/L	RDL pCi/L	QUALI-FIERS	TEST
Total Strontium	SR-RAD	0.016	0.19	0.38	2.0	U	SR

ModuTank-Annual Smpl. of Purge Water

Lab id	EBRLNE
Protocol	Hanford
Version	Ver 1.0
Form	DVD-DS
Version	3.06
Report date	09/15/03

EBERLINE SERVICES/RICHMOND

SAMPLE DELIVERY GROUP H2302

7560-003 B17B06

DATA SHEET

SDG	7560	Client/Case no	Hanford	SDG H2302
Contact	Melissa C. Mannion	Contract	No. 630	
Lab sample id	R308008-03	Client sample id	B17B06	
Dept sample id	7560-003	Location/Matrix	Purgewater Storage & Tre	WATER
Received	08/01/03	Collected/Volume	07/29/03 08:25	1.04 L
		Custody/SAF No	F02-009-006	F02-009

ANALYTE	CAS NO	RESULT pCi/L	2σ ERR (COUNT)	MDA pCi/L	RDL pCi/L	QUALI-FIERS	TEST
Total Strontium	SR-RAD	0.753	0.41	0.68	2.0		SR

ModuTank-Annual Smpl. of Purge Water

Lab id	EBRLNE
Protocol	Hanford
Version	Ver 1.0
Form	DVD-DS
Version	3.06
Report date	09/15/03

EBERLINE SERVICES/RICHMOND

SAMPLE DELIVERY GROUP H2302

7560-004 B17B07

DATA SHEET

SDG	7560	Client/Case no	Hanford	SDG H2302	
Contact	Melissa C. Mannion	Contract	No. 630		
Lab sample id	R308008-04	Client sample id	B17B07		
Dept sample id	7560-004	Location/Matrix	Purgewater Storage & Tre	WATER	
Received	08/01/03	Collected/Volume	07/29/03 09:00	1.06 L	
		Custody/SAF No	F02-009-006	F02-009	

ANALYTE	CAS NO	RESULT pCi/L	2σ ERR (COUNT)	MDA pCi/L	RDL pCi/L	QUALI-FIERS	TEST
Total Strontium	SR-RAD	0.374	0.37	0.67	2.0	U	SR

ModuTank-Annual Smpl. of Purge Water

Lab id	EBRLNE
Protocol	Hanford
Version	Ver 1.0
Form	DVD-DS
Version	3.06
Report date	09/15/03

EBERLINE SERVICES/RICHMOND

SAMPLE DELIVERY GROUP H2302

7560-005 B17B08

DATA SHEET

SDG	7560	Client/Case no	Hanford SDG H2302
Contact	Melissa C. Mannion	Contract	No. 630
Lab sample id	R308008-05	Client sample id	B17B08
Dept sample id	7560-005	Location/Matrix	Purgewater Storage & Tre WATER
Received	08/01/03	Collected/Volume	07/29/03 09:40 1.05 L
		Custody/SAF No	F02-009-006 F02-009

ANALYTE	CAS NO	RESULT pCi/L	2σ ERR (COUNT)	MDA pCi/L	RDL pCi/L	QUALI-FIERS	TEST
Total Strontium	SR-RAD	0.356	0.35	0.64	2.0	U	SR

ModuTank-Annual Smpl. of Purge Water

Lab id	EBRLNE
Protocol	Hanford
Version	Ver 1.0
Form	DVD-DS
Version	3.06
Report date	09/15/03

EBERLINE SERVICES/RICHMOND

SAMPLE DELIVERY GROUP H2302

7560-006 B17B09

DATA SHEET

SDG	7560	Client/Case no	Hanford SDG H2302
Contact	Melissa C. Mannion	Contract	No. 630
Lab sample id	R308008-06	Client sample id	B17B09
Dept sample id	7560-006	Location/Matrix	Purgewater Storage & Tre WATER
Received	08/01/03	Collected/Volume	07/29/03 09:40 1.05 L
		Custody/SAF No	F02-009-006 F02-009

ANALYTE	CAS NO	RESULT pCi/L	2σ ERR (COUNT)	MDA pCi/L	RDL pCi/L	QUALI-FIERS	TEST
Total Strontium	SR-RAD	0.270	0.32	0.59	2.0	U	SR

ModuTank-Annual Smpl. of Purge Water

Lab id	EBRLNE
Protocol	Hanford
Version	Ver 1.0
Form	DVD-DS
Version	3.06
Report date	09/15/03

2-1

WSCF
ANALYTICAL RESULTS REPORT

for

Ground Water Protection Program

Richland, WA 99352

Attention: Steve Trent

PSTF/ModuTank
2003 Annual Sampling

Am-241
Gross alpha
Pu-239/240
H3

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

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Report WGPP/ver. 1
Ground Water Protection Program

WSCF
ANALYTICAL RESULTS REPORT

2 - 5

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

2-6

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

2 - 7

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	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	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	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	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	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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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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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	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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