

**WSCF
ANALYTICAL RESULTS REPORT**

for

Groundwater Remediation Program

Richland, WA 99354

Attention: Steve Trent

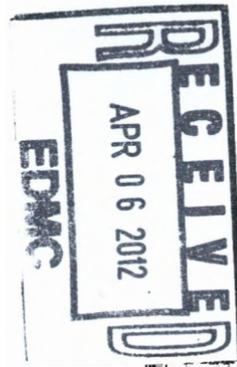
Analytical: William S. Fitzgerald
Client Services: John Trechter, John Trechter

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



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Contract#: FH-EIS-2003-MEM-001
Report#: WSCF20061248
Report Date: 10-oct-2006
Report WGPP/ver. 1.3.1
Groundwater Remediation Program



WSCF

ANALYTICAL RESULTS REPORT

**Attention:
Project:**

Steve Trent
F06-048: F06-048

Group #: WSCF20061248

Sample #	Client ID	CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive	
Radiochemistry														
W060003493	B1KWK7	TRENT	12587-46-1	Gross alpha	SOIL	LA-508-421	U	-0.200	pCi/g	1.00	0.40	10/10/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Alpha error by LC	SOIL	LA-508-421	+-	1.3	pCi/g	1.00	0.0	10/10/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	12587-47-2	Gross beta	SOIL	LA-508-421	U	-0.400	pCi/g	1.00	0.80	10/10/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Beta error by LC	SOIL	LA-508-421	+-	1.7	pCi/g	1.00	0.0	10/10/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	14596-10-2	Americium-241	SOIL	LA-508-481	U	-0.0453	pCi/g	1.00	0.088	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Am-241 Rel Count Error (GEA)	SOIL	LA-508-481	+-	0.053	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	14234-35-6	Antimony-125	SOIL	LA-508-481	U	-0.0103	pCi/g	1.00	0.029	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Sb-125 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.017	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	14762-78-8	Cerium-144	SOIL	LA-508-481	U	0.0260	pCi/g	1.00	0.072	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Ce-144 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.048	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	10198-40-0	Cobalt-60	SOIL	LA-508-481	U	1.58e-03	pCi/g	1.00	0.011	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Co-60 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	6.3e-03	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	13967-70-9	Cesium-134	SOIL	LA-508-481	U	8.43e-03	pCi/g	1.00	0.013	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Cs-134 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	8.3e-03	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	10045-97-3	Cesium-137	SOIL	LA-508-481	U	1.60e-03	pCi/g	1.00	0.011	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Cs-137 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	6.4e-03	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	14683-23-9	Europium-152	SOIL	LA-508-481	U	-1.89e-03	pCi/g	1.00	0.031	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Eu-152 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.019	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	15585-10-1	Europium-154	SOIL	LA-508-481	U	-0.0147	pCi/g	1.00	0.030	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Eu-154 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.018	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	14391-16-3	Europium-155	SOIL	LA-508-481	U	-2.32e-03	pCi/g	1.00	0.039	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Eu-155 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.023	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	14681-63-1	Niobium-94	SOIL	LA-508-481	U	4.92e-03	pCi/g	1.00	0.011	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Nb-94 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	6.3e-03	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	13982-63-3	Radium-226	SOIL	LA-508-481	U	0.0764	pCi/g	1.00	0.022	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Ra-226 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.034	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06

MDL = Minimum Detection Limit

U - Analyzed for but not detected above limiting criteria.

RQ = Result Qualifier

DF = Dilution Factor

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

Report WGPP/ver. 1.3.1

Groundwater Remediation Program

WSCF

ANALYTICAL RESULTS REPORT

Attention:
Project:

Steve Trent
F06-048: F06-048

Group #: WSCF20061248

Sample #	Client ID	CAS #	Test Performed	Matrix	WSCF		Result	Unit	DF	MDL	Analyze	Sample	Receive	
					Method	RQ								
W060003493	B1KWK7	TRENT	15262-20-1	Radium-228	SOIL	LA-508-481		0.119	pCi/g	1.00	0.037	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Ra-228 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.051	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	13967-48-1	Ruthenium-106	SOIL	LA-508-481	U	0.0114	pCi/g	1.00	0.10	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Ru-106 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.061	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	15832-50-5	Tin-126	SOIL	LA-508-481	U	-0.0144	pCi/g	1.00	0.033	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Sn-126 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.023	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	15065-10-8	Thorium-234	SOIL	LA-508-481	U	-0.297	pCi/g	1.00	0.81	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Th-234 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.53	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	15117-96-1	Uranium-235	SOIL	LA-508-481	U	0.0192	pCi/g	1.00	0.080	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	U-235 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.018	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	13982-39-3	Zinc-65	SOIL	LA-508-481	U	5.63e-03	pCi/g	1.00	0.024	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Zn-65 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.016	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	14331-83-0	Actinium-228	SOIL	LA-508-481		0.119	pCi/g	1.00	0.037	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Ac-228 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.051	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	14913-49-6	Bismuth-212	SOIL	LA-508-481		0.200	pCi/g	1.00	0.079	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Bi-212 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.090	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	14733-03-0	Bismuth-214	SOIL	LA-508-481		0.0764	pCi/g	1.00	0.022	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Bi-214 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.034	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	15092-94-1	Lead-212	SOIL	LA-508-481		0.163	pCi/g	1.00	0.020	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Pb-212 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.030	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	15067-28-4	Lead-214	SOIL	LA-508-481		0.0755	pCi/g	1.00	0.023	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Pb-214 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.031	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	13968-53-1	Ruthenium-103	SOIL	LA-508-481	U	-2.46e-03	pCi/g	1.00	9.6e-03	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Ru-103 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	5.7e-03	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	13966-06-8	Tin-113	SOIL	LA-508-481	U	-5.18e-03	pCi/g	1.00	0.013	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	E,T,C	Sn-113 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	9.1e-03	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003493	B1KWK7	TRENT	14913-50-9	Thallium-208	SOIL	LA-508-481		0.0557	pCi/g	1.00	0.011	10/09/06	10/08/06	10/09/06

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Report WGPP/ver. 1.3.1

Groundwater Remediation Program

WSCF

ANALYTICAL RESULTS REPORT

Attention:
Project:

Steve Trent
F06-048: F06-048

Group #: WSCF20061248

Sample #	Client ID	CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060003493	B1KWK7	TRENT	E,T,C	TI-208 Rel. Count Error (GEA)	SOIL	LA-508-481	+- 0.017	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	12587-46-1	Gross alpha	SOIL	LA-508-421	1.00	pCi/g	1.00	1.0	10/10/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Alpha error by LC	SOIL	LA-508-421	+- 2.3	pCi/g	1.00	0.0	10/10/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	12587-47-2	Gross beta	SOIL	LA-508-421	U 0.400	pCi/g	1.00	1.8	10/10/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Beta error by LC	SOIL	LA-508-421	+- 3.9	pCi/g	1.00	0.0	10/10/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	14596-10-2	Americium-241	SOIL	LA-508-481	U 5.05e-03	pCi/g	1.00	0.068	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Am-241 Rel Count Error (GEA)	SOIL	LA-508-481	+- 0.041	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	14234-35-6	Antimony-125	SOIL	LA-508-481	U 2.64e-03	pCi/g	1.00	0.025	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Sb-125 Rel. Count Error (GEA)	SOIL	LA-508-481	+- 0.015	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	14762-78-8	Cerium-144	SOIL	LA-508-481	U -0.0124	pCi/g	1.00	0.058	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Ce-144 Rel. Count Error (GEA)	SOIL	LA-508-481	+- 0.034	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	10198-40-0	Cobalt-60	SOIL	LA-508-481	U -1.58e-03	pCi/g	1.00	9.8e-03	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Co-60 Rel. Count Error (GEA)	SOIL	LA-508-481	+- 5.9e-03	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	13967-70-9	Cesium-134	SOIL	LA-508-481	U 6.74e-03	pCi/g	1.00	0.011	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Cs-134 Rel. Count Error (GEA)	SOIL	LA-508-481	+- 6.3e-03	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	10045-97-3	Cesium-137	SOIL	LA-508-481	U -7.78e-03	pCi/g	1.00	8.9e-03	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Cs-137 Rel. Count Error (GEA)	SOIL	LA-508-481	+- 5.7e-03	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	14683-23-9	Europium-152	SOIL	LA-508-481	U 0.0156	pCi/g	1.00	0.027	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Eu-152 Rel. Count Error (GEA)	SOIL	LA-508-481	+- 0.017	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	15585-10-1	Europium-154	SOIL	LA-508-481	U -4.33e-03	pCi/g	1.00	0.027	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Eu-154 Rel. Count Error (GEA)	SOIL	LA-508-481	+- 0.016	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	14391-16-3	Europium-155	SOIL	LA-508-481	U 0.0156	pCi/g	1.00	0.033	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Eu-155 Rel. Count Error (GEA)	SOIL	LA-508-481	+- 0.019	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	14681-63-1	Niobium-94	SOIL	LA-508-481	U -1.29e-03	pCi/g	1.00	8.7e-03	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Nb-94 Rel. Count Error (GEA)	SOIL	LA-508-481	+- 5.1e-03	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	13982-63-3	Radium-226	SOIL	LA-508-481	0.146	pCi/g	1.00	0.019	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Ra-226 Rel. Count Error (GEA)	SOIL	LA-508-481	+- 0.037	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06

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Groundwater Remediation Program

WSCF

ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F06-048: F06-048

Group #: WSCF20061248

Sample #	Client ID	CAS #	Test Performed	Matrix	WSCF		Result	Unit	DF	MDL	Analyze	Sample	Receive	
					Method	RQ								
W060003494	B1KWK9	TRENT	15262-20-1	Radium-228	SOIL	LA-508-481		0.137	pCi/g	1.00	0.030	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Ra-228 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.042	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	13967-48-1	Ruthenium-106	SOIL	LA-508-481	U	-0.0305	pCi/g	1.00	0.078	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Ru-106 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.047	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	15832-50-5	Tin-126	SOIL	LA-508-481	U	0.0282	pCi/g	1.00	0.030	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Sn-126 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.017	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	15065-10-8	Thorium-234	SOIL	LA-508-481	U	0.245	pCi/g	1.00	0.59	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Th-234 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.21	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	15117-96-1	Uranium-235	SOIL	LA-508-481	U	0.0146	pCi/g	1.00	0.066	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	U-235 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.016	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	13982-39-3	Zinc-65	SOIL	LA-508-481	U	0.0142	pCi/g	1.00	0.021	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Zn-65 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.013	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	14331-83-0	Actinium-228	SOIL	LA-508-481		0.137	pCi/g	1.00	0.030	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Ac-228 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.042	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	14913-49-6	Bismuth-212	SOIL	LA-508-481		0.0827	pCi/g	1.00	0.073	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Bi-212 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.056	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	14733-03-0	Bismuth-214	SOIL	LA-508-481		0.146	pCi/g	1.00	0.019	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Bi-214 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.037	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	15092-94-1	Lead-212	SOIL	LA-508-481		0.138	pCi/g	1.00	0.018	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Pb-212 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.028	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	15067-28-4	Lead-214	SOIL	LA-508-481		0.130	pCi/g	1.00	0.018	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Pb-214 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	0.032	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	13968-53-1	Ruthenium-103	SOIL	LA-508-481	U	2.19e-03	pCi/g	1.00	8.5e-03	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Ru-103 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	5.0e-03	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	13966-06-8	Tin-113	SOIL	LA-508-481	U	-3.17e-03	pCi/g	1.00	0.011	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	E,T,C	Sn-113 Rel. Count Error (GEA)	SOIL	LA-508-481	+-	6.6e-03	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06
W060003494	B1KWK9	TRENT	14913-50-9	Thallium-208	SOIL	LA-508-481		0.0482	pCi/g	1.00	8.9e-03	10/09/06	10/08/06	10/09/06

MDL = Minimum Detection Limit

U - Analyzed for but not detected above limiting criteria.

RQ = Result Qualifier

DF = Dilution Factor

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

Report WGPP/ver. 1.3.1

Groundwater Remediation Program

WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F06-048: F06-048

Group #: WSCF20061248

Sample #	Client ID	CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze	Sample	Receive
W060003494	B1KWK9 TRENT	E,T,C	TI-208 Rel. Count Error (GEA)	SOIL	LA-508-481		+ - 0.014	pCi/g	1.00	0.0	10/09/06	10/08/06	10/09/06

MDL=Minimum Detection Limit U - Analyzed for but not detected above limiting criteria.

RQ=Result Qualifier

DF=Dilution Factor

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

Report WGPP/ver. 1.3.1

Groundwater Remediation Program

WSCF ANALYTICAL COMMENT REPORT

Attention:
Project Number

Group #: 20061248

Sample #	Client ID	Lab Area	Test	Comment
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Lab Areas: VALGROUP - Group Validation
LOGSAMP - Login for Sample

VALTEST - Test Validation
LOGTEST - Login for Tests

TESTDATA - Test Data Entry

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WSCF

TENTATIVELY IDENTIFIED PEAK REPORT

Attention: Steve Trent
Project Number F06-048 :F06-048

Group #: WSCF20061248

Sample #	Client ID	Test Name	Peak Name	CAS#	RT	RQ	Result	Units
W060003493	B1KWK7	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error			23	%
W060003493	B1KWK7	TRENT	Gamma Energy Analysis-grd H2O	K-40			0.91	pCi/g
W060003494	B1KWK9	TRENT	Gamma Energy Analysis-grd H2O	K-40 Count Error			20	%
W060003494	B1KWK9	TRENT	Gamma Energy Analysis-grd H2O	K-40			0.98	pCi/g

RQ=Result Qualifier

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Groundwater Remediation Program

WGPPE v 1.1 Report#: 20061248

Report Date: 10-oct-2006

Page 1

WSCF

METHOD REFERENCES REPORT

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

LA-508-421	LA-508-421: OPERATION OF THE TRI-CARB MODEL 2500TR LIQUID SCINTILLATION ANALYZER None	No reference to any industry method.
LA-508-481	LA-508-481: GAMMA ENERGY ANALYSIS USING PROCOUNT SOFTWARE HEIS GAMMA_GS	Gamma Emmission Spectrometry

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

Report Date: 10-oct-2006

Report#: WSCF20061248

Report WGPPM/O

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20061248

SAF Number:

Matrix:
Test:

Sample Date:
Receive Date:

QC Type	Analyte	CAS #	QC Found	QC Yield	Units	Analysis Date	Lower Limit	Upper Limit	RQ
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Lab ID:
BATCH QC ASSOCIATED WITH SAMPLE

w13qlog v1 10-oct-2006 10:58:10

WL#	S#	Batch	QC#	Tray Type	Sample#	Test
29855	1	30221		SAMPLE	W060003493	A/B by Liquid Scintillation
29855	2	30221		SAMPLE	W060003494	A/B by Liquid Scintillation
29854	1	30220	34206	SAMPLE	W060003493	Gamma Energy Analysis-grd H2O
29854	2	30220	34206	SAMPLE	W060003494	Gamma Energy Analysis-grd H2O

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

File
10/10/06

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Groundwater Remediation Program

Richland, WA 99354
Attn: Steve Trent

Customer Code: GPP
PO#: 122273/ES20
Group#: 20061248
Project#: F06-048
Proj Mgr: Steve Trent A0-21
Phone: 373-5869



The following samples were received from you on 10/09/06. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Waste Sampling and Characterization Facility.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
W060003493	B1KWK7	GRP @GEA-GPP @TOTALAB	TRENT Water	10/08/06
W060003494	B1KWK9	GRP @GEA-GPP @TOTALAB	TRENT Water	10/08/06

Test Acronym Description

Test Acronym	Description
@GEA-GPP	Gamma Energy Analysis-grd H2O
@TOTALAB	A/B by Liquid Scintillation