

August 11, 2009

Report to:

Zach Rogers
Energy Fuels Resources Corporation
44 Union Blvd. Suite 600
Lakewood, CO 80228

Bill to:

Accounts Payable
Energy Fuels Resources Corporation
44 Union Blvd. Suite 600
Lakewood, CO 80228

Project ID: AIR MONITORING FILTE

ACZ Project ID: L76826

Zach Rogers:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on July 08, 2009. This project has been assigned to ACZ's project number, L76826. Please reference this number in all future inquiries.

All analyses were performed according to ACZ's Quality Assurance Plan, version 12.0. The enclosed results relate only to the samples received under L76826. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

Except as noted, the test results for the methods and parameters listed on ACZ's current NELAC certificate letter (#ACZ) meet all requirements of NELAC.

This report shall be used or copied only in its entirety. ACZ is not responsible for the consequences arising from the use of a partial report.

All samples and sub-samples associated with this project will be disposed of after September 11, 2009. If the samples are determined to be hazardous, additional charges apply for disposal (typically less than \$10/sample). If you would like the samples to be held longer than ACZ's stated policy or to be returned, please contact your Project Manager or Customer Service Representative for further details and associated costs. ACZ retains analytical reports for five years.

If you have any questions or other needs, please contact your Project Manager.



Tony Antalek has reviewed and approved this report.



Energy Fuels Resources Corporation

Project ID: AIR MONITORING FILTE

Sample ID: 1-1-B1-A3

ACZ Sample ID: **L76826-01**

Date Sampled: 04/01/09 00:00

Date Received: 07/08/09

Sample Matrix: Filter

Metals Analysis

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Uranium, total (3050)	M6020 ICP-MS		U	*	mg/Filter	0.001	0.006	07/29/09 9:28	erf

Soil Preparation

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Digestion - Hot Plate	M3050B ICP-MS							07/22/09 10:00	brd

Energy Fuels Resources Corporation

Project ID: AIR MONITORING FILTE

Sample ID: 2-1-B1-A3

ACZ Sample ID: **L76826-02**

Date Sampled: 04/01/09 00:00

Date Received: 07/08/09

Sample Matrix: Filter

Metals Analysis

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Uranium, total (3050)	M6020 ICP-MS		U	*	mg/Filter	0.001	0.006	07/29/09 9:36	erf

Soil Preparation

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Digestion - Hot Plate	M3050B ICP-MS							07/22/09 10:30	brd

Energy Fuels Resources Corporation

Project ID: AIR MONITORING FILTE

Sample ID: 3-1-B1-A3

ACZ Sample ID: **L76826-03**

Date Sampled: 04/01/09 00:00

Date Received: 07/08/09

Sample Matrix: Filter

Metals Analysis

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Uranium, total (3050)	M6020 ICP-MS		U	*	mg/Filter	0.001	0.006	07/29/09 9:43	erf

Soil Preparation

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Digestion - Hot Plate	M3050B ICP-MS							07/22/09 11:00	brd

Energy Fuels Resources CorporationProject ID: AIR MONITORING FILTE
Sample ID: 4-1-B1-A3ACZ Sample ID: **L76826-04**
Date Sampled: 04/01/09 00:00
Date Received: 07/08/09
Sample Matrix: Filter

Metals Analysis

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Uranium, total (3050)	M6020 ICP-MS		U	*	mg/Filter	0.001	0.006	07/29/09 9:54	erf

Soil Preparation

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Digestion - Hot Plate	M3050B ICP-MS							07/22/09 11:15	brd

Energy Fuels Resources Corporation

Project ID: AIR MONITORING FILTE

Sample ID: 5-1-B1-A3

ACZ Sample ID: **L76826-05**

Date Sampled: 04/01/09 00:00

Date Received: 07/08/09

Sample Matrix: Filter

Metals Analysis

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Uranium, total (3050)	M6020 ICP-MS		U	*	mg/Filter	0.001	0.006	07/29/09 9:58	erf

Soil Preparation

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Digestion - Hot Plate	M3050B ICP-MS							07/22/09 11:30	brd

Energy Fuels Resources Corporation

Project ID: AIR MONITORING FILTE
Sample ID: TRIP BLANK

ACZ Sample ID: **L76826-06**
Date Sampled: 04/01/09 00:00
Date Received: 07/08/09
Sample Matrix: Filter

Metals Analysis

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Uranium, total (3050)	M6020 ICP-MS		U	*	mg/Filter	0.007	0.03	07/29/09 10:05	erf

Soil Preparation

Parameter	EPA Method	Result	Qual	XQ	Units	MDL	PQL	Date	Analyst
Digestion - Hot Plate	M3050B ICP-MS							07/22/09 11:45	brd

Report Header Explanations

Batch	A distinct set of samples analyzed at a specific time
Found	Value of the QC Type of interest
Limit	Upper limit for RPD, in %.
Lower	Lower Recovery Limit, in % (except for LCSS, mg/Kg)
MDL	Method Detection Limit. Same as Minimum Reporting Limit. Allows for instrument and annual fluctuations.
PCN/SCN	A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis
PQL	Practical Quantitation Limit, typically 5 times the MDL.
QC	True Value of the Control Sample or the amount added to the Spike
Rec	Amount of the true value or spike added recovered, in % (except for LCSS, mg/Kg)
RPD	Relative Percent Difference, calculation used for Duplicate QC Types
Upper	Upper Recovery Limit, in % (except for LCSS, mg/Kg)
Sample	Value of the Sample of interest

QC Sample Types

AS	Analytical Spike (Post Digestion)	LCSWD	Laboratory Control Sample - Water Duplicate
ASD	Analytical Spike (Post Digestion) Duplicate	LFB	Laboratory Fortified Blank
CCB	Continuing Calibration Blank	LFM	Laboratory Fortified Matrix
CCV	Continuing Calibration Verification standard	LFMD	Laboratory Fortified Matrix Duplicate
DUP	Sample Duplicate	LRB	Laboratory Reagent Blank
ICB	Initial Calibration Blank	MS	Matrix Spike
ICV	Initial Calibration Verification standard	MSD	Matrix Spike Duplicate
ICSAB	Inter-element Correction Standard - A plus B solutions	PBS	Prep Blank - Soil
LCSS	Laboratory Control Sample - Soil	PBW	Prep Blank - Water
LCSSD	Laboratory Control Sample - Soil Duplicate	PQV	Practical Quantitation Verification standard
LCSW	Laboratory Control Sample - Water	SDL	Serial Dilution

QC Sample Type Explanations

Blanks	Verifies that there is no or minimal contamination in the prep method or calibration procedure.
Control Samples	Verifies the accuracy of the method, including the prep procedure.
Duplicates	Verifies the precision of the instrument and/or method.
Spikes/Fortified Matrix	Determines sample matrix interferences, if any.
Standard	Verifies the validity of the calibration.

ACZ Qualifiers (Qual)

B	Analyte concentration detected at a value between MDL and PQL. The associated value is an estimated quantity.
H	Analysis exceeded method hold time. pH is a field test with an immediate hold time.
U	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.

Method References

- (1) EPA 600/4-83-020. Methods for Chemical Analysis of Water and Wastes, March 1983.
- (2) EPA 600/R-93-100. Methods for the Determination of Inorganic Substances in Environmental Samples, August 1993.
- (3) EPA 600/R-94-111. Methods for the Determination of Metals in Environmental Samples - Supplement I, May 1994.
- (5) EPA SW-846. Test Methods for Evaluating Solid Waste, Third Edition with Update III, December 1996.
- (6) Standard Methods for the Examination of Water and Wastewater, 19th edition, 1995 & 20th edition (1998).

Comments

- (1) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.
- (2) Soil, Sludge, and Plant matrices for Inorganic analyses are reported on a dry weight basis.
- (3) Animal matrices for Inorganic analyses are reported on an "as received" basis.

For a complete list of ACZ's Extended Qualifiers, please click:

<http://www.acz.com/public/extquallist.pdf>

Energy Fuels Resources Corporation

ACZ Project ID: **L76826**

Project ID: AIR MONITORING FILTE

Uranium, total (3050)

M6020 ICP-MS

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Found	Units	Rec	Lower	Upper	RPD	Limit	Qual
WG267723													
WG267723ICV	ICV	07/29/09 9:02	MS090604-1	.05		.04555	mg/L	91.1	90	110			
WG267723ICB	ICB	07/29/09 9:06				U	mg/L		-0.0003	0.0003			
WG267723ICSA	ICSA	07/29/09 9:10				U	mg/L		-0.0005	0.0005			
WG267723ICSAB	ICSAB	07/29/09 9:13	MS090727-4	.02		.01944	mg/L	97.2	80	120			
WG267308PBS1	PBS	07/29/09 9:21				U	mg/Kg		-0.003	0.003			
WG267308PBS2	PBS	07/29/09 9:25				U	mg/Kg		-0.003	0.003			
L76826-01DUP	DUP	07/29/09 9:32			U	U	mg/Kg				0	20	RA
L76826-02DUP	DUP	07/29/09 9:39			U	U	mg/Kg				0	20	RA
WG267723CCV1	CCV	07/29/09 9:47	MS090604-1	.05		.0458	mg/L	91.6	90	110			
WG267723CCB1	CCB	07/29/09 9:51				U	mg/L		-0.0003	0.0003			
L76826-05SDL	SDL	07/29/09 10:02			U	U	mg/Kg					10	
WG267723CCV2	CCV	07/29/09 10:31	MS090604-1	.05		.04583	mg/L	91.7	90	110			
WG267723CCB2	CCB	07/29/09 10:35				U	mg/L		-0.0003	0.0003			
WG267723CCV3	CCV	07/29/09 10:57	MS090604-1	.05		.04523	mg/L	90.5	90	110			
WG267723CCB3	CCB	07/29/09 11:01				U	mg/L		-0.0003	0.0003			

Energy Fuels Resources Corporation

ACZ Project ID: **L76826**

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L76826-01	WG267723	Uranium, total (3050)	M6020 ICP-MS	RA	Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
			M6020 ICP-MS	ZQ	Analyte was not evaluated in the laboratory control standard. Either the analyte is not included in the scope of the analytical method or a commercial standard containing the analyte is not available.
L76826-02	WG267723	Uranium, total (3050)	M6020 ICP-MS	RA	Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
			M6020 ICP-MS	ZQ	Analyte was not evaluated in the laboratory control standard. Either the analyte is not included in the scope of the analytical method or a commercial standard containing the analyte is not available.
L76826-03	WG267723	Uranium, total (3050)	M6020 ICP-MS	RA	Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
			M6020 ICP-MS	ZQ	Analyte was not evaluated in the laboratory control standard. Either the analyte is not included in the scope of the analytical method or a commercial standard containing the analyte is not available.
L76826-04	WG267723	Uranium, total (3050)	M6020 ICP-MS	RA	Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
			M6020 ICP-MS	ZQ	Analyte was not evaluated in the laboratory control standard. Either the analyte is not included in the scope of the analytical method or a commercial standard containing the analyte is not available.
L76826-05	WG267723	Uranium, total (3050)	M6020 ICP-MS	RA	Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
			M6020 ICP-MS	ZQ	Analyte was not evaluated in the laboratory control standard. Either the analyte is not included in the scope of the analytical method or a commercial standard containing the analyte is not available.
L76826-06	WG267723	Uranium, total (3050)	M6020 ICP-MS	RA	Relative Percent Difference (RPD) was not used for data validation because the sample concentration is too low for accurate evaluation (< 10x MDL).
			M6020 ICP-MS	ZQ	Analyte was not evaluated in the laboratory control standard. Either the analyte is not included in the scope of the analytical method or a commercial standard containing the analyte is not available.

Energy Fuels Resources CorporationProject ID: AIR MONITORING FILTE
Sample ID: 1-1-B1-A3
Locator:ACZ Sample ID: **L76826-01**
Date Sampled: 04/01/09 0:00
Date Received: 07/08/09
Sample Matrix: FilterLead 210 (3050)
Eichrom

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210 (3050)	08/06/09 10:12		290	20	29	pCi/Filter	*	mwm

Radium 226 (3050)
M903.1

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 (3050)	07/29/09 6:24		0.55	0.56	1.9	pCi/Filter	*	mwm

Thorium 230 (3050)
ESM 4506

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 230 (3050)	07/27/09 8:30		-0.21	0.83	2	pCi/Filter	*	mtb

Energy Fuels Resources CorporationProject ID: AIR MONITORING FILTE
Sample ID: 2-1-B1-A3
Locator:ACZ Sample ID: **L76826-02**
Date Sampled: 04/01/09 0:00
Date Received: 07/08/09
Sample Matrix: FilterLead 210 (3050)
Eichrom

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210 (3050)	08/06/09 10:14		400	13	11	pCi/Filter	*	mwm

Radium 226 (3050)
M903.1

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 (3050)	07/29/09 6:26		0.26	0.85	2.3	pCi/Filter	*	mwm

Thorium 230 (3050)
ESM 4506

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 230 (3050)	07/27/09 8:32		0.18	1.1	2.1	pCi/Filter	*	mtb

Energy Fuels Resources CorporationProject ID: AIR MONITORING FILTE
Sample ID: 3-1-B1-A3
Locator:ACZ Sample ID: **L76826-03**
Date Sampled: 04/01/09 0:00
Date Received: 07/08/09
Sample Matrix: FilterLead 210 (3050)
Eichrom

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210 (3050)	08/06/09 10:15		350	15	18	pCi/Filter	*	mwm

Radium 226 (3050)
M903.1

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 (3050)	07/29/09 6:27		1	0.77	2.2	pCi/Filter	*	mwm

Thorium 230 (3050)
ESM 4506

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 230 (3050)	07/27/09 8:33		-0.22	1	2	pCi/Filter	*	mtb

Energy Fuels Resources CorporationProject ID: AIR MONITORING FILTE
Sample ID: 4-1-B1-A3
Locator:ACZ Sample ID: **L76826-04**
Date Sampled: 04/01/09 0:00
Date Received: 07/08/09
Sample Matrix: FilterLead 210 (3050)
Eichrom

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210 (3050)	08/06/09 10:17		350	17	21	pCi/Filter	*	mwm

Radium 226 (3050)
M903.1

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 (3050)	07/29/09 6:29		1.1	0.76	2.1	pCi/Filter	*	mwm

Thorium 230 (3050)
ESM 4506

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 230 (3050)	07/27/09 8:35		0.54	1.1	2.2	pCi/Filter	*	mtb

Energy Fuels Resources CorporationProject ID: AIR MONITORING FILTE
Sample ID: 5-1-B1-A3
Locator:ACZ Sample ID: **L76826-05**
Date Sampled: 04/01/09 0:00
Date Received: 07/08/09
Sample Matrix: FilterLead 210 (3050)
Eichrom

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210 (3050)	08/06/09 10:18		350	15	16	pCi/Filter	*	mwm

Radium 226 (3050)
M903.1

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 (3050)	07/29/09 6:30		0.62	0.68	2.1	pCi/Filter	*	mwm

Thorium 230 (3050)
ESM 4506

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 230 (3050)	07/27/09 8:36		-0.17	1	2.1	pCi/Filter	*	mtb

Energy Fuels Resources Corporation

Project ID: AIR MONITORING FILTE
 Sample ID: TRIP BLANK
 Locator:

ACZ Sample ID: **L76826-06**
 Date Sampled: 04/01/09 0:00
 Date Received: 07/08/09
 Sample Matrix: Filter

Lead 210 (3050)
 Eichrom

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Lead 210 (3050)	08/06/09 10:20		0.0	71	170	pCi/Filter	*	mwm

Radium 226 (3050)
 M903.1

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Radium 226 (3050)	07/29/09 6:32		1.5	2.2	9.8	pCi/Filter	*	mwm

Thorium 230 (3050)
 ESM 4506

Prep Method:

Parameter	Measure Date	Prep Date	Result	Error(+/-)	LLD	Units	XQ	Analyst
Thorium 230 (3050)	07/27/09 8:38		10	8.4	16	pCi/Filter	*	mtb

Report Header Explanations

Batch	A distinct set of samples analyzed at a specific time
Error(+/-)	Calculated sample specific uncertainty
Found	Value of the QC Type of interest
Limit	Upper limit for RPD, in %.
LCL	Lower Control Limit, in % (except for LCSS, mg/Kg)
LLD	Calculated sample specific Lower Limit of Detection
PCN/SCN	A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis
PQL	Practical Quantitation Limit
QC	True Value of the Control Sample or the amount added to the Spike
Rec	Amount of the true value or spike added recovered, in % (except for LCSS, mg/Kg)
RER	Relative Error Ratio, calculation used for Dup. QC taking into account the error factor.
UCL	Upper Control Limit, in % (except for LCSS, mg/Kg)
Sample	Value of the Sample of interest

QC Sample Types

DUP	Sample Duplicate	MS/MSD	Matrix Spike/Matrix Spike Duplicate
LCSS	Laboratory Control Sample - Soil	PBS	Prep Blank - Soil
LCSW	Laboratory Control Sample - Water	PBW	Prep Blank - Water

QC Sample Type Explanations

Blanks	Verifies that there is no or minimal contamination in the prep method procedure.
Control Samples	Verifies the accuracy of the method, including the prep procedure.
Duplicates	Verifies the precision of the instrument and/or method.
Matrix Spikes	Determines sample matrix interferences, if any.

ACZ Qualifiers (Qual)

H	Analysis exceeded method hold time.
R	Poor spike recovery accepted because the other spike in the set fell within the given limits.
T	High Replicate Error Ratio (RER) accepted because sample concentrations are less than 10x the MDL.
U	No nuclides detected above the Lower Limit of Detection (LLD)
V	High blank data accepted because sample concentration is 10 times higher than blank concentration
X	QC is out of control. See Case Narrative.
Z	Poor spike recovery is accepted because sample concentration is four times greater than spike concentration.

Method Prefix Reference

M	EPA methodology, including those under SDWA, CWA, and RCRA
SM	Standard Methods for the Examination of Water and Wastewater, 19th edition (1995) & 20th edition (1998).
D	ASTM
RP	DOE
ESM	DOE/ESM

Comments

- (1) Solid matrices are reported on a dry weight basis.
- (2) Preparation method: "Method" indicates preparation defined in analytical method.
- (3) QC results calculated from raw data. Results may vary slightly if the rounded values are used in the calculations.

For a complete list of ACZ's Extended Qualifiers, please click:

<http://www.acz.com/public/extquallist.pdf>

Energy Fuels Resources Corporation

ACZ Project ID: **L76826**

Project ID: AIR MONITORING FILTE

Lead 210 (3050)

Eichrom

pCi/Filter

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec	Lower	Upper	RPD/RER	Limit	Qual
WG268233																
WG267763PBW	PBW	08/06/09						2	2.6	6.3				12.6		
WG267763LCSW	LCSW	08/06/09	RC090330-1	80.23				49	6.9	14	61.1	58	111			
L76826-01DUP	DUP-RER	08/06/09			290	20	29	350	13	13				2.52	2	RN
L76826-01DUP	DUP-RPD	08/06/09			290	20	29	350	13	13				18.8	20	
L76826-02MS	MS	08/06/09	RC090330-1	308.59	400	13	11	610	16	15	68.1	58	111			

Radium 226 (3050)

M903.1

pCi/Filter

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec	Lower	Upper	RPD/RER	Limit	Qual
WG267898																
WG267460PBS	PBS	07/29/09						-.04	0.91	2.1				4.2		
WG267460LCSS	LCSS	07/29/09	RC090709-1	183.96				180	5.6	2.4	97.8	44	128			
L76826-01DUP	DUP-RER	07/29/09			0.55	0.56	1.9	.16	0.85	2.1				0.38	2	
L76826-02MS	MS	07/29/09	RC090709-1	183.96	0.26	0.85	2.3	170	5.6	2.5	92.3	44	128			

Thorium 230 (3050)

ESM 4506

pCi/Filter

ACZ ID	Type	Analyzed	PCN/SCN	QC	Sample	Error	LLD	Found	Error	LLD	Rec	Lower	Upper	RPD/RER	Limit	Qual
WG267899																
WG267498PBS	PBS	07/27/09						.87	1.1	2.2				4.4		
WG267498LCSS	LCSS	07/27/09	RC080917-3	623.53				640	17	2.4	102.6	92	119			
L76826-01DUP	DUP-RER	07/27/09			-0.21	0.83	2	1	1.4	2.4				0.74	2	
L76826-02MS	MS	07/27/09	RC080917-3	623.53	0.18	1.1	2.1	680	18	2.4	109	92	119			

Energy Fuels Resources Corporation

ACZ Project ID: **L76826**

ACZ ID	WORKNUM	PARAMETER	METHOD	QUAL	DESCRIPTION
L76826-01	WG268233	Lead 210 (3050)	Eichrom	RN	Sample concentration is greater than 5x LLD; RPD was used for data validation. Replicate Error Ratio (RER) is greater than 2. Precision judged to be in control.
L76826-02	WG268233	Lead 210 (3050)	Eichrom	RN	Sample concentration is greater than 5x LLD; RPD was used for data validation. Replicate Error Ratio (RER) is greater than 2. Precision judged to be in control.
L76826-03	WG268233	Lead 210 (3050)	Eichrom	RN	Sample concentration is greater than 5x LLD; RPD was used for data validation. Replicate Error Ratio (RER) is greater than 2. Precision judged to be in control.
L76826-04	WG268233	Lead 210 (3050)	Eichrom	RN	Sample concentration is greater than 5x LLD; RPD was used for data validation. Replicate Error Ratio (RER) is greater than 2. Precision judged to be in control.
L76826-05	WG268233	Lead 210 (3050)	Eichrom	RN	Sample concentration is greater than 5x LLD; RPD was used for data validation. Replicate Error Ratio (RER) is greater than 2. Precision judged to be in control.
L76826-06	WG268233	Lead 210 (3050)	Eichrom	RN	Sample concentration is greater than 5x LLD; RPD was used for data validation. Replicate Error Ratio (RER) is greater than 2. Precision judged to be in control.

Energy Fuels Resources Corporation

ACZ Project ID: **L76826**

Metals Analysis

The following parameters are not offered for certification or are not covered by NELAC certificate #ACZ.

Uranium, total (3050)	M6020 ICP-MS
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Radiochemistry

The following parameters are not offered for certification or are not covered by NELAC certificate #ACZ.

Lead 210 (3050)	Eichrom
Radium 226 (3050)	M903.1
Thorium 230 (3050)	ESM 4506

Energy Fuels Resources Corporation
 AIR MONITORING FILTE

ACZ Project ID: L76826
 Date Received: 7/8/2009
 Received By:
 Date Printed: 7/8/2009

Receipt Verification

	YES	NO	NA	
1) Does this project require special handling procedures such as CLP protocol?			X	
2) Are the custody seals on the cooler intact?			X	
3) Are the custody seals on the sample containers intact?			X	
4) Is there a Chain of Custody or other directive shipping papers present?				
5) Is the Chain of Custody complete?	X			
6) Is the Chain of Custody in agreement with the samples received?	X			
7) Is there enough sample for all requested analyses?	X			
8) Are all samples within holding times for requested analyses?	X			
9) Were all sample containers received intact?	X			
10) Are the temperature blanks present?				X
11) Is the trip blank for Cyanide present?				X
12) Is the trip blank for VOA present?				X
13) Are samples requiring no headspace, headspace free?			X	
14) Do the samples that require a Foreign Soils Permit have one?			X	

Exceptions: If you answered no to any of the above questions, please describe

N/A

Contact (For any discrepancies, the client must be contacted)

N/A

Shipping Containers

Cooler Id	Temp (°C)	Rad (µR/hr)
NA8794	12.8	15

Client must contact ACZ Project Manager if analysis should not proceed for samples received outside of thermal preservation acceptance criteria.

Notes

Energy Fuels Resources Corporation
 AIR MONITORING FILTE

ACZ Project ID: L76826
 Date Received: 7/8/2009
 Received By:

Sample Container Preservation

SAMPLE	CLIENT ID	R < 2	G < 2	BK < 2	Y < 2	YG < 2	B < 2	O < 2	T > 12	N/A	RAD	ID
L76826-01	1-1-B1-A3									X		<input type="checkbox"/>
L76826-02	2-1-B1-A3									X		<input type="checkbox"/>
L76826-03	3-1-B1-A3									X		<input type="checkbox"/>
L76826-04	4-1-B1-A3									X		<input type="checkbox"/>
L76826-05	5-1-B1-A3									X		<input type="checkbox"/>
L76826-06	TRIP BLANK									X		<input type="checkbox"/>

Sample Container Preservation Legend

Abbreviation	Description	Container Type	Preservative/Limits
R	Raw/Nitric	RED	pH must be < 2
B	Filtered/Sulfuric	BLUE	pH must be < 2
BK	Filtered/Nitric	BLACK	pH must be < 2
G	Filtered/Nitric	GREEN	pH must be < 2
O	Raw/Sulfuric	ORANGE	pH must be < 2
P	Raw/NaOH	PURPLE	pH must be > 12 *
T	Raw/NaOH Zinc Acetate	TAN	pH must be > 12
Y	Raw/Sulfuric	YELLOW	pH must be < 2
YG	Raw/Sulfuric	YELLOW GLASS	pH must be < 2
N/A	No preservative needed	Not applicable	
RAD	Gamma/Beta dose rate	Not applicable	must be < 250 µR/hr

* pH check performed by analyst prior to sample preparation

Sample IDs Reviewed By: _____

U76826

ACZ LABORATORIES, INC.
Total Suspended Particulates In Air
EPA 40CFR Part 50

Analyst: lwt
 Date:

Approved:

Client: KLIJEN - 2nd set of filters
P:IDEPARTMENT/ISOILSITSP-

Project: Air Monitoring Filters

Equilibration	
Start	Temp C
see blank	ROOM
see blank	ROOM

Initial Weighing:
 Final Weighing:

#	Lab No. (ACZ's Used Only)	Sample ID	Sample Date (End Date)	Hi-Vol Filter #	Initial Weight g	Final Weight g	TSP Weight mg	Air Flow cfm	Sampling Time minutes	TSP Conc. ug/m3	Remarks (Sample Start Date)
1		1-1-B1	4/16/2009	8229611	4.2738						4/1/2009
2		2-1-B1	4/16/2009	8229612	4.2565						4/1/2009
3		3-1-B1	4/17/2009	8229613	4.2820						4/1/2009
4		4-1-B1	4/17/2009	8229614	4.2776						4/1/2009
5		5-1-B1	4/17/2009	8229615	4.2210						4/1/2009
6		1-1-A1	5/1/2009	8229616	4.2854						4/16/2009
7		2-1-A1	5/1/2009	8229617	4.2891						4/16/2009
8		3-1-A1	5/1/2009	8229618	4.2620						4/17/2009
9		4-1-A1	5/1/2009	8229619	4.2692						4/17/2009
10		5-1-A1	5/1/2009	8229620	4.2751						4/17/2009
11		1-1-B2	5/14/2009	8229621	4.2788						5/1/2009
12		2-1-B2	5/14/2009	8229622	4.2724						5/1/2009
13		3-1-B2	5/15/2009	8229623	4.2916						5/1/2009
14		4-1-B2	5/15/2009	8229624	4.2972						5/1/2009
15		5-1-B2	5/15/2009	8229625	4.2673						5/1/2009
16		1-1-A2	5/28/2009	8229626	4.2962						5/14/2009
17		2-1-A2	5/28/2009	8229627	4.2695						5/14/2009
18		3-1-A2	5/29/2009	8229628	4.3007						5/15/2009
19		4-1-A2	5/29/2009	8229629	4.3056						5/15/2009
20		5-1-A2	5/29/2009	8229630	4.2759						5/15/2009
21		1-1-B3	6/16/2009	8229631	4.2865						5/28/2009
22		2-1-B3	6/16/2009	8229632	4.2839						5/28/2009
23		3-1-B3	6/16/2009	8229633	4.2648						5/29/2009
24		4-1-B3	6/16/2009	8229634	4.2791						5/29/2009
25		5-1-B3	6/16/2009	8229635	4.2719						5/29/2009
26		1-1-A3	7/1/2009	8229636	4.2874						6/16/2009
27		2-1-A3	7/1/2009	8229637	4.2790						6/16/2009
28		3-1-A3	7/1/2009	8229638	4.2681						6/16/2009
29		4-1-A3	7/1/2009	8229639	4.2768						6/16/2009
30		5-1-A3	7/1/2009	8229640	4.2908						6/16/2009
31		Trip Blank		8229666	*						Trip Blank
32											

U76826 7-8-09 10:43

ACZ LABORATORIES, INC.
Total Suspended Particulates In Air
EPA 40CFR Part 50

Analyst: lwt
 Date: _____

Approved: _____

Client: KLIEN - 2nd set of filters
P: DEPARTMENT/ SOILS/ TSP.

Project: Air Monitoring Filters

Equilibration		
Start	Finish	Temp C
see blank	see blank	ROOM
see blank	see blank	ROOM

Initial Weighing:
 Final Weighing:

#	Lab No. (ACZ's Used Only)	Sample ID	Sample Date (End Date)	Hi-Vol Filter #	Initial Weight g	Final Weight g	TSP Weight mg	Air Flow cfm	Sampling Time minutes	TSP Conc. ug/m3	Remarks (Sample Start Date)
33											
34											
35											
36											
37											
38											
39											
40											
41											
42											
43											
44											
45											
46											
47											
48											
49											
50											
51											
52											
53											
54											
55											
56											
57											
58											
59											
60											

Remarks: * Trip Blank filter # 8229666 in envelope # 8031560 is from next batch of filters, do not have weight available to me yet.

Released By: *[Signature]*

Date: 7/3/09

Appendix D2_L76826

LABID	CLIENTID	PROJECTID	DEPTNAME	COLLECTDATE	RECEIVEDATE	ANALYTE	MATRIX
L76826-01	1-1-B1-A3	AIR MONITORING FILTE	Metals Analysis	4/1/2009	7/8/2009	Uranium, total (3050)	FT
L76826-01	1-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Lead 210 (3050)	FT
L76826-01	1-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Radium 226 (3050)	FT
L76826-01	1-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Thorium 230 (3050)	FT
L76826-02	2-1-B1-A3	AIR MONITORING FILTE	Metals Analysis	4/1/2009	7/8/2009	Uranium, total (3050)	FT
L76826-02	2-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Lead 210 (3050)	FT
L76826-02	2-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Radium 226 (3050)	FT
L76826-02	2-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Thorium 230 (3050)	FT
L76826-03	3-1-B1-A3	AIR MONITORING FILTE	Metals Analysis	4/1/2009	7/8/2009	Uranium, total (3050)	FT
L76826-03	3-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Lead 210 (3050)	FT
L76826-03	3-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Radium 226 (3050)	FT
L76826-03	3-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Thorium 230 (3050)	FT
L76826-04	4-1-B1-A3	AIR MONITORING FILTE	Metals Analysis	4/1/2009	7/8/2009	Uranium, total (3050)	FT
L76826-04	4-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Lead 210 (3050)	FT
L76826-04	4-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Radium 226 (3050)	FT
L76826-04	4-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Thorium 230 (3050)	FT
L76826-05	5-1-B1-A3	AIR MONITORING FILTE	Metals Analysis	4/1/2009	7/8/2009	Uranium, total (3050)	FT
L76826-05	5-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Lead 210 (3050)	FT
L76826-05	5-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Radium 226 (3050)	FT
L76826-05	5-1-B1-A3	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Thorium 230 (3050)	FT
L76826-06	TRIP BLANK	AIR MONITORING FILTE	Metals Analysis	4/1/2009	7/8/2009	Uranium, total (3050)	FT
L76826-06	TRIP BLANK	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Lead 210 (3050)	FT
L76826-06	TRIP BLANK	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Radium 226 (3050)	FT
L76826-06	TRIP BLANK	AIR MONITORING FILTE	Radiochemistry	4/1/2009	7/8/2009	Thorium 230 (3050)	FT

Appendix D2_L76826

METHOD	RESULT	TEXTRESULT	QUAL	UNITS	MDL	PQL	ANALYZEDATE	ANALYST	CAS
M6020 ICP-MS			U	mg/Filter	0.001	0.006	7/29/2009	erf	7440-61-1
Eichrom	290	290		pCi/Filter	29	20	8/6/2009	mwm	
M903.1	0.55	0.55		pCi/Filter	1.9	0.56	7/29/2009	mwm	
ESM 4506	-0.21	-0.21		pCi/Filter	2	0.83	7/27/2009	mtb	
M6020 ICP-MS			U	mg/Filter	0.001	0.006	7/29/2009	erf	7440-61-1
Eichrom	400	400		pCi/Filter	11	13	8/6/2009	mwm	
M903.1	0.26	0.26		pCi/Filter	2.3	0.85	7/29/2009	mwm	
ESM 4506	0.18	0.18		pCi/Filter	2.1	1.1	7/27/2009	mtb	
M6020 ICP-MS			U	mg/Filter	0.001	0.006	7/29/2009	erf	7440-61-1
Eichrom	350	350		pCi/Filter	18	15	8/6/2009	mwm	
M903.1	1	1		pCi/Filter	2.2	0.77	7/29/2009	mwm	
ESM 4506	-0.22	-0.22		pCi/Filter	2	1	7/27/2009	mtb	
M6020 ICP-MS			U	mg/Filter	0.001	0.006	7/29/2009	erf	7440-61-1
Eichrom	350	350		pCi/Filter	21	17	8/6/2009	mwm	
M903.1	1.1	1.1		pCi/Filter	2.1	0.76	7/29/2009	mwm	
ESM 4506	0.54	0.54		pCi/Filter	2.2	1.1	7/27/2009	mtb	
M6020 ICP-MS			U	mg/Filter	0.001	0.006	7/29/2009	erf	7440-61-1
Eichrom	350	350		pCi/Filter	16	15	8/6/2009	mwm	
M903.1	0.62	0.62		pCi/Filter	2.1	0.68	7/29/2009	mwm	
ESM 4506	-0.17	-0.17		pCi/Filter	2.1	1	7/27/2009	mtb	
M6020 ICP-MS			U	mg/Filter	0.007	0.03	7/29/2009	erf	7440-61-1
Eichrom	0	0.0		pCi/Filter	170	71	8/6/2009	mwm	
M903.1	1.5	1.5		pCi/Filter	9.8	2.2	7/29/2009	mwm	
ESM 4506	10	10		pCi/Filter	16	8.4	7/27/2009	mtb	

Appendix D3_L76826-EFW2FSample

1-1-B1-A3	L76826-01	AQ	N	Field		L76826	4/1/2009	0:00	1-1-B1-A3	7/8/2009	20092	N	0:00
2-1-B1-A3	L76826-02	AQ	N	Field		L76826	4/1/2009	0:00	2-1-B1-A3	7/8/2009	20092	N	0:00
3-1-B1-A3	L76826-03	AQ	N	Field		L76826	4/1/2009	0:00	3-1-B1-A3	7/8/2009	20092	N	0:00
4-1-B1-A3	L76826-04	AQ	N	Field		L76826	4/1/2009	0:00	4-1-B1-A3	7/8/2009	20092	N	0:00
5-1-B1-A3	L76826-05	AQ	N	Field		L76826	4/1/2009	0:00	5-1-B1-A3	7/8/2009	20092	N	0:00
L76826-01DUP		AQ	LR	Lab	1-1-B1-A3	L76826	4/1/2009					N	
L76826-02DUP		AQ	LR	Lab	2-1-B1-A3	L76826	4/1/2009					N	
L76826-02MS		AQ	MS	Lab	2-1-B1-A3	L76826	4/1/2009					N	
L76826-05SDL		AQ	SDL	Lab	5-1-B1-A3	L76826	4/1/2009					N	
TRIP BLANK	L76826-06	AQ	N	Field		L76826	4/1/2009	0:00	TRIP BLANK	7/8/2009	20092	N	0:00
WG267308PBS1		SQ	LB	Lab		L76826	7/22/2009					N	
WG267308PBS2		SQ	LB	Lab		L76826	7/22/2009					N	
WG267460LCSS		SQ	RM	Lab		L76826	7/23/2009					N	
WG267460PBS		SQ	LB	Lab		L76826	7/23/2009					N	
WG267498LCSS		SQ	RM	Lab		L76826	7/24/2009					N	
WG267498PBS		SQ	LB	Lab		L76826	7/24/2009					N	
WG267723CCB1		W	CCB	Lab		L76826	7/28/2009					N	
WG267723CCB2		W	CCB	Lab		L76826	7/28/2009					N	
WG267723CCB3		W	CCB	Lab		L76826	7/28/2009					N	
WG267723CCV1		W	CCV	Lab		L76826	7/28/2009					N	
WG267723CCV2		W	CCV	Lab		L76826	7/28/2009					N	
WG267723CCV3		W	CCV	Lab		L76826	7/28/2009					N	
WG267723ICB		W	ICB	Lab		L76826	7/28/2009					N	
WG267723ICSA		W	IFC	Lab		L76826	7/28/2009					N	
WG267723ICSAB		W	IFC	Lab		L76826	7/28/2009					N	
WG267723ICV		W	ICV	Lab		L76826	7/28/2009					N	
WG267763LCSW		W	RM	Lab		L76826	7/29/2009					N	
WG267763PBW		W	LB	Lab		L76826	7/29/2009					N	

Appendix D4_L76826-2LabBCH

1-1-B1-A3	Eichrom	8/6/2009	10:12 N	NA	Initial	Analysis	WG268233
1-1-B1-A3	ESM 4506	7/27/2009	8:30 N	NA	Initial	Analysis	WG267899
1-1-B1-A3	M903.1	7/29/2009	6:24 N	NA	Initial	Analysis	WG267898
1-1-B1-A3	SW6020	7/29/2009	9:28 T	NA	Initial	Analysis	WG267723
2-1-B1-A3	Eichrom	8/6/2009	10:14 N	NA	Initial	Analysis	WG268233
2-1-B1-A3	ESM 4506	7/27/2009	8:32 N	NA	Initial	Analysis	WG267899
2-1-B1-A3	M903.1	7/29/2009	6:26 N	NA	Initial	Analysis	WG267898
2-1-B1-A3	SW6020	7/29/2009	9:36 T	NA	Initial	Analysis	WG267723
3-1-B1-A3	Eichrom	8/6/2009	10:15 N	NA	Initial	Analysis	WG268233
3-1-B1-A3	ESM 4506	7/27/2009	8:33 N	NA	Initial	Analysis	WG267899
3-1-B1-A3	M903.1	7/29/2009	6:27 N	NA	Initial	Analysis	WG267898
3-1-B1-A3	SW6020	7/29/2009	9:43 T	NA	Initial	Analysis	WG267723
4-1-B1-A3	Eichrom	8/6/2009	10:17 N	NA	Initial	Analysis	WG268233
4-1-B1-A3	ESM 4506	7/27/2009	8:35 N	NA	Initial	Analysis	WG267899
4-1-B1-A3	M903.1	7/29/2009	6:29 N	NA	Initial	Analysis	WG267898
4-1-B1-A3	SW6020	7/29/2009	9:54 T	NA	Initial	Analysis	WG267723
5-1-B1-A3	Eichrom	8/6/2009	10:18 N	NA	Initial	Analysis	WG268233
5-1-B1-A3	ESM 4506	7/27/2009	8:36 N	NA	Initial	Analysis	WG267899
5-1-B1-A3	M903.1	7/29/2009	6:30 N	NA	Initial	Analysis	WG267898
5-1-B1-A3	SW6020	7/29/2009	9:58 T	NA	Initial	Analysis	WG267723
L76826-01DUP	Eichrom	8/6/2009	10:21 N	NA	Initial	Analysis	WG268233
L76826-01DUP	ESM 4506	7/27/2009	8:39 N	NA	Initial	Analysis	WG267899
L76826-01DUP	M903.1	7/29/2009	6:33 N	NA	Initial	Analysis	WG267898
L76826-01DUP	SW6020	7/29/2009	9:32 T	NA	Initial	Analysis	WG267723
L76826-02DUP	SW6020	7/29/2009	9:39 T	NA	Initial	Analysis	WG267723
L76826-02MS	Eichrom	8/6/2009	10:22 N	NA	Initial	Analysis	WG268233
L76826-02MS	ESM 4506	7/27/2009	8:40 N	NA	Initial	Analysis	WG267899
L76826-02MS	M903.1	7/29/2009	6:34 N	NA	Initial	Analysis	WG267898
L76826-05SDL	SW6020	7/29/2009	10:02 T	NA	Initial	Analysis	WG267723
TRIP BLANK	Eichrom	8/6/2009	10:20 N	NA	Initial	Analysis	WG268233
TRIP BLANK	ESM 4506	7/27/2009	8:38 N	NA	Initial	Analysis	WG267899
TRIP BLANK	M903.1	7/29/2009	6:32 N	NA	Initial	Analysis	WG267898
TRIP BLANK	SW6020	7/29/2009	10:05 T	NA	Initial	Analysis	WG267723
WG267308PBS1	SW6020	7/29/2009	9:21 T	NA	Initial	Analysis	WG267723
WG267308PBS2	SW6020	7/29/2009	9:25 T	NA	Initial	Analysis	WG267723
WG267460LCSS	M903.1	7/29/2009	6:23 N	NA	Initial	Analysis	WG267898
WG267460PBS	M903.1	7/29/2009	6:22 N	NA	Initial	Analysis	WG267898
WG267498LCSS	ESM 4506	7/27/2009	8:29 N	NA	Initial	Analysis	WG267899
WG267498PBS	ESM 4506	7/27/2009	8:28 N	NA	Initial	Analysis	WG267899
WG267723CCB1	SW6020	7/29/2009	9:51 T	NA	Initial	Analysis	WG267723
WG267723CCB2	SW6020	7/29/2009	10:35 T	NA	Initial	Analysis	WG267723
WG267723CCB3	SW6020	7/29/2009	11:01 T	NA	Initial	Analysis	WG267723
WG267723CCV1	SW6020	7/29/2009	9:47 T	NA	Initial	Analysis	WG267723
WG267723CCV2	SW6020	7/29/2009	10:31 T	NA	Initial	Analysis	WG267723
WG267723CCV3	SW6020	7/29/2009	10:57 T	NA	Initial	Analysis	WG267723
WG267723ICB	SW6020	7/29/2009	9:06 T	NA	Initial	Analysis	WG267723
WG267723ICSA	SW6020	7/29/2009	9:10 T	NA	Initial	Analysis	WG267723
WG267723ICCSAB	SW6020	7/29/2009	9:13 T	NA	Initial	Analysis	WG267723
WG267723ICV	SW6020	7/29/2009	9:02 T	NA	Initial	Analysis	WG267723
WG267763LCSSV	Eichrom	8/6/2009	10:11 N	NA	Initial	Analysis	WG268233
WG267763PBW	Eichrom	8/6/2009	10:10 N	NA	Initial	Analysis	WG268233

Appendix D5_L76826-EFW2LabRES

1-1-B1-A3	Eichrom	8/6/2009	10:12	N	NA	Initial	14255-04-0	Lead-210	290	TRG	YES	Y	N	29	20
1-1-B1-A3	ESM 4506	7/27/2009	8:30	N	NA	Initial	14269-63-7	THORIUM-230	-0.21	TRG	YES	Y	N	2	0.83
1-1-B1-A3	M903.1	7/29/2009	6:24	N	NA	Initial	13982-63-3	Radium 226	0.55	TRG	YES	Y	N	1.9	0.56
1-1-B1-A3	SW6020	7/29/2009	9:28	T	NA	Initial	7440-61-1	Uranium	0.006	TRG	YES	N	U	0.001	0.006
2-1-B1-A3	Eichrom	8/6/2009	10:14	N	NA	Initial	14255-04-0	Lead-210	400	TRG	YES	Y	N	11	13
2-1-B1-A3	ESM 4506	7/27/2009	8:32	N	NA	Initial	14269-63-7	THORIUM-230	0.18	TRG	YES	Y	N	2.1	1.1
2-1-B1-A3	M903.1	7/29/2009	6:26	N	NA	Initial	13982-63-3	Radium 226	0.26	TRG	YES	Y	N	2.3	0.85
2-1-B1-A3	SW6020	7/29/2009	9:36	T	NA	Initial	7440-61-1	Uranium	0.006	TRG	YES	N	U	0.001	0.006
3-1-B1-A3	Eichrom	8/6/2009	10:15	N	NA	Initial	14255-04-0	Lead-210	350	TRG	YES	Y	N	18	15
3-1-B1-A3	ESM 4506	7/27/2009	8:33	N	NA	Initial	14269-63-7	THORIUM-230	-0.22	TRG	YES	Y	N	2	1
3-1-B1-A3	M903.1	7/29/2009	6:27	N	NA	Initial	13982-63-3	Radium 226	1	TRG	YES	Y	N	2.2	0.77
3-1-B1-A3	SW6020	7/29/2009	9:43	T	NA	Initial	7440-61-1	Uranium	0.006	TRG	YES	N	U	0.001	0.006
4-1-B1-A3	Eichrom	8/6/2009	10:17	N	NA	Initial	14255-04-0	Lead-210	350	TRG	YES	Y	N	21	17
4-1-B1-A3	ESM 4506	7/27/2009	8:35	N	NA	Initial	14269-63-7	THORIUM-230	0.54	TRG	YES	Y	N	2.2	1.1
4-1-B1-A3	M903.1	7/29/2009	6:29	N	NA	Initial	13982-63-3	Radium 226	1.1	TRG	YES	Y	N	2.1	0.76
4-1-B1-A3	SW6020	7/29/2009	9:54	T	NA	Initial	7440-61-1	Uranium	0.006	TRG	YES	N	U	0.001	0.006
5-1-B1-A3	Eichrom	8/6/2009	10:18	N	NA	Initial	14255-04-0	Lead-210	350	TRG	YES	Y	N	16	15
5-1-B1-A3	ESM 4506	7/27/2009	8:36	N	NA	Initial	14269-63-7	THORIUM-230	-0.17	TRG	YES	Y	N	2.1	1
5-1-B1-A3	M903.1	7/29/2009	6:30	N	NA	Initial	13982-63-3	Radium 226	0.62	TRG	YES	Y	N	2.1	0.68
5-1-B1-A3	SW6020	7/29/2009	9:58	T	NA	Initial	7440-61-1	Uranium	0.006	TRG	YES	N	U	0.001	0.006
L76826-01DUP	Eichrom	8/6/2009	10:21	N	NA	Initial	14255-04-0	Lead-210	350	TRG	YES	Y	N		
L76826-01DUP	Eichrom	8/6/2009	10:21	N	NA	Initial	14255-04-0	Lead-210	350	TRG	YES	Y	X	N	
L76826-01DUP	ESM 4506	7/27/2009	8:39	N	NA	Initial	14269-63-7	THORIUM-230	1	TRG	YES	Y	N		
L76826-01DUP	M903.1	7/29/2009	6:33	N	NA	Initial	13982-63-3	Radium 226	0.16	TRG	YES	Y	N		
L76826-01DUP	SW6020	7/29/2009	9:32	T	NA	Initial	7440-61-1	Uranium	0.006	TRG	YES	N	N	0.001	0.006
L76826-02DUP	SW6020	7/29/2009	9:39	T	NA	Initial	7440-61-1	Uranium	0.006	TRG	YES	N	N	0.001	0.006
L76826-02MS	Eichrom	8/6/2009	10:22	N	NA	Initial	14255-04-0	Lead-210	610	SC	YES	Y	N		
L76826-02MS	ESM 4506	7/27/2009	8:40	N	NA	Initial	14269-63-7	THORIUM-230	680	SC	YES	Y	N		
L76826-02MS	M903.1	7/29/2009	6:34	N	NA	Initial	13982-63-3	Radium 226	170	SC	YES	Y	N		
L76826-05SDL	SW6020	7/29/2009	10:02	T	NA	Initial	7440-61-1	Uranium	0.006	TRG	YES	N	N	0.001	0.006
TRIP BLANK	Eichrom	8/6/2009	10:20	N	NA	Initial	14255-04-0	Lead-210	0	TRG	YES	Y	N	170	71
TRIP BLANK	ESM 4506	7/27/2009	8:38	N	NA	Initial	14269-63-7	THORIUM-230	10	TRG	YES	Y	N	16	8.4
TRIP BLANK	M903.1	7/29/2009	6:32	N	NA	Initial	13982-63-3	Radium 226	1.5	TRG	YES	Y	N	9.8	2.2
TRIP BLANK	SW6020	7/29/2009	10:05	T	NA	Initial	7440-61-1	Uranium	0.03	TRG	YES	N	U	0.007	0.03
WG267308PBS1	SW6020	7/29/2009	9:21	T	NA	Initial	7440-61-1	Uranium	0.006	TRG	YES	N	N	0.001	0.006
WG267308PBS2	SW6020	7/29/2009	9:25	T	NA	Initial	7440-61-1	Uranium	0.006	TRG	YES	N	N	0.001	0.006
WG267460LCSS	M903.1	7/29/2009	6:23	N	NA	Initial	13982-63-3	Radium 226	180	TRG	YES	Y	N		

Appendix D5_L76826-EFW2LabRES

WG267460PBS	M903.1	7/29/2009	6:22	N	NA	Initial	13982-63-3	Radium 226	-0.04	TRG	YES	Y	N		
WG267498LCSS	ESM 4506	7/27/2009	8:29	N	NA	Initial	14269-63-7	THORIUM-230	640	TRG	YES	Y	N		
WG267498PBS	ESM 4506	7/27/2009	8:28	N	NA	Initial	14269-63-7	THORIUM-230	0.87	TRG	YES	Y	N		
WG267723CCB1	SW6020	7/29/2009	9:51	T	NA	Initial	7440-61-1	Uranium	0.0005	TRG	YES	N	N	0.0001	0.0005
WG267723CCB2	SW6020	7/29/2009	10:35	T	NA	Initial	7440-61-1	Uranium	0.0005	TRG	YES	N	N	0.0001	0.0005
WG267723CCB3	SW6020	7/29/2009	11:01	T	NA	Initial	7440-61-1	Uranium	0.0005	TRG	YES	N	N	0.0001	0.0005
WG267723CCV1	SW6020	7/29/2009	9:47	T	NA	Initial	7440-61-1	Uranium	0.0458	TRG	YES	Y	N	0.0001	0.0005
WG267723CCV2	SW6020	7/29/2009	10:31	T	NA	Initial	7440-61-1	Uranium	0.04583	TRG	YES	Y	N	0.0001	0.0005
WG267723CCV3	SW6020	7/29/2009	10:57	T	NA	Initial	7440-61-1	Uranium	0.04523	TRG	YES	Y	N	0.0001	0.0005
WG267723ICB	SW6020	7/29/2009	9:06	T	NA	Initial	7440-61-1	Uranium	0.0005	TRG	YES	N	N	0.0001	0.0005
WG267723ICSA	SW6020	7/29/2009	9:10	T	NA	Initial	7440-61-1	Uranium	0.0005	TRG	YES	N	N	0.0001	0.0005
WG267723ICSAB	SW6020	7/29/2009	9:13	T	NA	Initial	7440-61-1	Uranium	0.01944	TRG	YES	Y	N	0.0001	0.0005
WG267723ICV	SW6020	7/29/2009	9:02	T	NA	Initial	7440-61-1	Uranium	0.04555	TRG	YES	Y	N	0.0001	0.0005
WG267763LCSW	Eichrom	8/6/2009	10:11	N	NA	Initial	14255-04-0	Lead-210	49	TRG	YES	Y	N		
WG267763PBW	Eichrom	8/6/2009	10:10	N	NA	Initial	14255-04-0	Lead-210	2	TRG	YES	Y	N		

Appendix D5_L76826-EFW2LabRES

1-1-B1-A3	20 pCi/Filter	pCi/Filter																		
1-1-B1-A3	0.83 pCi/Filter	pCi/Filter																		
1-1-B1-A3	0.56 pCi/Filter	pCi/Filter																		
1-1-B1-A3	0.006 mg/ft	mg/ft																		
2-1-B1-A3	13 pCi/Filter	pCi/Filter																		
2-1-B1-A3	1.1 pCi/Filter	pCi/Filter																		
2-1-B1-A3	0.85 pCi/Filter	pCi/Filter																		
2-1-B1-A3	0.006 mg/ft	mg/ft																		
3-1-B1-A3	15 pCi/Filter	pCi/Filter																		
3-1-B1-A3	1 pCi/Filter	pCi/Filter																		
3-1-B1-A3	0.77 pCi/Filter	pCi/Filter																		
3-1-B1-A3	0.006 mg/ft	mg/ft																		
4-1-B1-A3	17 pCi/Filter	pCi/Filter																		
4-1-B1-A3	1.1 pCi/Filter	pCi/Filter																		
4-1-B1-A3	0.76 pCi/Filter	pCi/Filter																		
4-1-B1-A3	0.006 mg/ft	mg/ft																		
5-1-B1-A3	15 pCi/Filter	pCi/Filter																		
5-1-B1-A3	1 pCi/Filter	pCi/Filter																		
5-1-B1-A3	0.68 pCi/Filter	pCi/Filter																		
5-1-B1-A3	0.006 mg/ft	mg/ft																		
L76826-01DUP	pCi/Filter	pCi/Filter	290	0	350	0				18.8									20.45	
L76826-01DUP	pCi/Filter	pCi/Filter	290	0	350	0														2
L76826-01DUP	pCi/Filter	pCi/Filter	-0.21	0	1	0														2
L76826-01DUP	pCi/Filter	pCi/Filter	0.55	0	0.16	0														2
L76826-01DUP	0.006 mg/kg	mg/kg								0	0	0	0	0						20
L76826-02DUP	0.006 mg/kg	mg/kg								0	0	0	0	0						20
L76826-02MS	pCi/Filter	pCi/Filter	400	308.59	610	68.1									58					111
L76826-02MS	pCi/Filter	pCi/Filter	0.18	623.53	680	109									92					119
L76826-02MS	pCi/Filter	pCi/Filter	0.26	183.96	170	92.3									44					128
L76826-05SDL	0.006 mg/kg	mg/kg	0	0	0	0														10
TRIP BLANK	71 pCi/Filter	pCi/Filter																		
TRIP BLANK	8.4 pCi/Filter	pCi/Filter																		
TRIP BLANK	2.2 pCi/Filter	pCi/Filter																		
TRIP BLANK	0.03 mg/ft	mg/ft																		
WG267308PBS1	0.006 mg/kg	mg/kg	0	0	0	0									-0.003					0.003
WG267308PBS2	0.006 mg/kg	mg/kg	0	0	0	0									-0.003					0.003
WG267460LCSS	pCi/Filter	pCi/Filter	0	183.96	180	97.8									44					128

Appendix D5_L76826-EFW2LabRES

WG267460PBS	pCi/Filter	pCi/Filter	0	0	-0.04	0		4.2
WG267498LCSS	pCi/Filter	pCi/Filter	0	623.53	640	102.6	92	119
WG267498PBS	pCi/Filter	pCi/Filter	0	0	0.87	0		4.4
WG267723CCB1	0.0005 mg/l	mg/l	0	0	0	0	-0.0003	0.0003
WG267723CCB2	0.0005 mg/l	mg/l	0	0	0	0	-0.0003	0.0003
WG267723CCB3	0.0005 mg/l	mg/l	0	0	0	0	-0.0003	0.0003
WG267723CCV1	0.0005 mg/l	mg/l	0	0.05	0.0458	91.6	90	110
WG267723CCV2	0.0005 mg/l	mg/l	0	0.05	0.04583	91.7	90	110
WG267723CCV3	0.0005 mg/l	mg/l	0	0.05	0.04523	90.5	90	110
WG267723ICB	0.0005 mg/l	mg/l	0	0	0	0	-0.0003	0.0003
WG267723ICSA	0.0005 mg/l	mg/l	0	0	0	0	-0.0005	0.0005
WG267723ICSAB	0.0005 mg/l	mg/l	0	0.02	0.01944	97.2	80	120
WG267723ICV	0.0005 mg/l	mg/l	0	0.05	0.04555	91.1	90	110
WG267763LCSW	pCi/Filter	pCi/Filter	0	80.23	49	61.1	58	111
WG267763PBW	pCi/Filter	pCi/Filter	0	0	2	0		12.6

Appendix D6_L76826-EFW2LabSMP

1-1-B1-A3	N	AQ	Field		4/1/2009	0:00	7/8/2009	L76826	0:00
2-1-B1-A3	N	AQ	Field		4/1/2009	0:00	7/8/2009	L76826	0:00
3-1-B1-A3	N	AQ	Field		4/1/2009	0:00	7/8/2009	L76826	0:00
4-1-B1-A3	N	AQ	Field		4/1/2009	0:00	7/8/2009	L76826	0:00
5-1-B1-A3	N	AQ	Field		4/1/2009	0:00	7/8/2009	L76826	0:00
L76826-01DUP	LR	AQ	Lab	1-1-B1-A3	4/1/2009			L76826	
L76826-02DUP	LR	AQ	Lab	2-1-B1-A3	4/1/2009			L76826	
L76826-02MS	MS	AQ	Lab	2-1-B1-A3	4/1/2009			L76826	
L76826-05SDL	SDL	AQ	Lab	5-1-B1-A3	4/1/2009			L76826	
TRIP BLANK	N	AQ	Field		4/1/2009	0:00	7/8/2009	L76826	0:00
WG267308PBS1	LB	SQ	Lab		7/22/2009			L76826	
WG267308PBS2	LB	SQ	Lab		7/22/2009			L76826	
WG267460LCS	RM	SQ	Lab		7/23/2009			L76826	
WG267460PBS	LB	SQ	Lab		7/23/2009			L76826	
WG267498LCS	RM	SQ	Lab		7/24/2009			L76826	
WG267498PBS	LB	SQ	Lab		7/24/2009			L76826	
WG267723CCB1	CCB	W	Lab		7/28/2009			L76826	
WG267723CCB2	CCB	W	Lab		7/28/2009			L76826	
WG267723CCB3	CCB	W	Lab		7/28/2009			L76826	
WG267723CCV1	CCV	W	Lab		7/28/2009			L76826	
WG267723CCV2	CCV	W	Lab		7/28/2009			L76826	
WG267723CCV3	CCV	W	Lab		7/28/2009			L76826	
WG267723ICB	ICB	W	Lab		7/28/2009			L76826	
WG267723ICSA	IFC	W	Lab		7/28/2009			L76826	
WG267723ICSA	IFC	W	Lab		7/28/2009			L76826	
WG267723ICV	ICV	W	Lab		7/28/2009			L76826	
WG267763LCS	RM	W	Lab		7/29/2009			L76826	
WG267763PBW	LB	W	Lab		7/29/2009			L76826	

Appendix D7_L76826-EFW2LabTST

1-1-B1-A3	Eichrom	8/6/2009	10:12	N	NA	Initial	AQ	LB	DRY	1	NONE		
1-1-B1-A3	ESM 4506	7/27/2009	8:30	N	NA	Initial	AQ	LB	DRY	1	NONE		
1-1-B1-A3	M903.1	7/29/2009	6:24	N	NA	Initial	AQ	LB	DRY	1	NONE		
1-1-B1-A3	SW6020	7/29/2009	9:28	T	NA	Initial	AQ	LB	DRY	11.2	EPA 3050B	7/22/2009	10:00
2-1-B1-A3	Eichrom	8/6/2009	10:14	N	NA	Initial	AQ	LB	DRY	1	NONE		
2-1-B1-A3	ESM 4506	7/27/2009	8:32	N	NA	Initial	AQ	LB	DRY	1	NONE		
2-1-B1-A3	M903.1	7/29/2009	6:26	N	NA	Initial	AQ	LB	DRY	1	NONE		
2-1-B1-A3	SW6020	7/29/2009	9:36	T	NA	Initial	AQ	LB	DRY	11.2	EPA 3050B	7/22/2009	10:30
3-1-B1-A3	Eichrom	8/6/2009	10:15	N	NA	Initial	AQ	LB	DRY	1	NONE		
3-1-B1-A3	ESM 4506	7/27/2009	8:33	N	NA	Initial	AQ	LB	DRY	1	NONE		
3-1-B1-A3	M903.1	7/29/2009	6:27	N	NA	Initial	AQ	LB	DRY	1	NONE		
3-1-B1-A3	SW6020	7/29/2009	9:43	T	NA	Initial	AQ	LB	DRY	11.2	EPA 3050B	7/22/2009	11:00
4-1-B1-A3	Eichrom	8/6/2009	10:17	N	NA	Initial	AQ	LB	DRY	1	NONE		
4-1-B1-A3	ESM 4506	7/27/2009	8:35	N	NA	Initial	AQ	LB	DRY	1	NONE		
4-1-B1-A3	M903.1	7/29/2009	6:29	N	NA	Initial	AQ	LB	DRY	1	NONE		
4-1-B1-A3	SW6020	7/29/2009	9:54	T	NA	Initial	AQ	LB	DRY	11.2	EPA 3050B	7/22/2009	11:15
5-1-B1-A3	Eichrom	8/6/2009	10:18	N	NA	Initial	AQ	LB	DRY	1	NONE		
5-1-B1-A3	ESM 4506	7/27/2009	8:36	N	NA	Initial	AQ	LB	DRY	1	NONE		
5-1-B1-A3	M903.1	7/29/2009	6:30	N	NA	Initial	AQ	LB	DRY	1	NONE		
5-1-B1-A3	SW6020	7/29/2009	9:58	T	NA	Initial	AQ	LB	DRY	11.2	EPA 3050B	7/22/2009	11:30
L76826-01DUP	Eichrom	8/6/2009	10:21	N	NA	Initial	AQ	LB	DRY	1	NONE		
L76826-01DUP	ESM 4506	7/27/2009	8:39	N	NA	Initial	AQ	LB	DRY	1	NONE		
L76826-01DUP	M903.1	7/29/2009	6:33	N	NA	Initial	AQ	LB	DRY	1	NONE		
L76826-01DUP	SW6020	7/29/2009	9:32	T	NA	Initial	AQ	LB	DRY	11.2	NONE		
L76826-02DUP	SW6020	7/29/2009	9:39	T	NA	Initial	AQ	LB	DRY	11.2	NONE		
L76826-02MS	Eichrom	8/6/2009	10:22	N	NA	Initial	AQ	LB	NA	1	NONE		
L76826-02MS	ESM 4506	7/27/2009	8:40	N	NA	Initial	AQ	LB	NA	1	NONE		
L76826-02MS	M903.1	7/29/2009	6:34	N	NA	Initial	AQ	LB	NA	1	NONE		
L76826-05SDL	SW6020	7/29/2009	10:02	T	NA	Initial	AQ	LB	NA	11.2	NONE		
TRIP BLANK	Eichrom	8/6/2009	10:20	N	NA	Initial	AQ	LB	DRY	1	NONE		
TRIP BLANK	ESM 4506	7/27/2009	8:38	N	NA	Initial	AQ	LB	DRY	1	NONE		
TRIP BLANK	M903.1	7/29/2009	6:32	N	NA	Initial	AQ	LB	DRY	1	NONE		
TRIP BLANK	SW6020	7/29/2009	10:05	T	NA	Initial	AQ	LB	DRY	67	EPA 3050B	7/22/2009	11:45
WG267308PBS1	SW6020	7/29/2009	9:21	T	NA	Initial	SQ	LB	DRY	11.2	EPA 3050B	7/22/2009	9:30
WG267308PBS2	SW6020	7/29/2009	9:25	T	NA	Initial	SQ	LB	DRY	11.2	EPA 3050B	7/22/2009	9:45
WG267460LCSS	M903.1	7/29/2009	6:23	N	NA	Initial	SQ	LB	NA	1	NONE		
WG267460PBS	M903.1	7/29/2009	6:22	N	NA	Initial	SQ	LB	NA	1	NONE		
WG267498LCSS	ESM 4506	7/27/2009	8:29	N	NA	Initial	SQ	LB	NA	1	NONE		
WG267498PBS	ESM 4506	7/27/2009	8:28	N	NA	Initial	SQ	LB	NA	1	NONE		
WG267723CCB1	SW6020	7/29/2009	9:51	T	NA	Initial	W	LB	NA	1	NONE		

Appendix D7_L76826-EFW2LabTST

WG267723CCB2	SW6020	7/29/2009	10:35 T	NA	Initial	W	LB	NA	1 NONE
WG267723CCB3	SW6020	7/29/2009	11:01 T	NA	Initial	W	LB	NA	1 NONE
WG267723CCV1	SW6020	7/29/2009	9:47 T	NA	Initial	W	LB	NA	1 NONE
WG267723CCV2	SW6020	7/29/2009	10:31 T	NA	Initial	W	LB	NA	1 NONE
WG267723CCV3	SW6020	7/29/2009	10:57 T	NA	Initial	W	LB	NA	1 NONE
WG267723ICB	SW6020	7/29/2009	9:06 T	NA	Initial	W	LB	NA	1 NONE
WG267723ICSA	SW6020	7/29/2009	9:10 T	NA	Initial	W	LB	NA	1 NONE
WG267723ICSAB	SW6020	7/29/2009	9:13 T	NA	Initial	W	LB	NA	1 NONE
WG267723ICV	SW6020	7/29/2009	9:02 T	NA	Initial	W	LB	NA	1 NONE
WG267763LCSW	Eichrom	8/6/2009	10:11 N	NA	Initial	W	LB	NA	1 NONE
WG267763PBW	Eichrom	8/6/2009	10:10 N	NA	Initial	W	LB	NA	1 NONE

Appendix D7_L76826-EFW2LabTST

1-1-B1-A3	Eichrom	ACZ	L76826-01	- ml	mwm	LB770
1-1-B1-A3	ESM 4506	ACZ	L76826-01	- ml	mtb	OCTETE
1-1-B1-A3	M903.1	ACZ	L76826-01	- ml	mwm	LUCAS CELL
1-1-B1-A3	SW6020	ACZ	L76826-01	- ml	erf	ICPMS3
2-1-B1-A3	Eichrom	ACZ	L76826-02	- ml	mwm	LB770
2-1-B1-A3	ESM 4506	ACZ	L76826-02	- ml	mtb	OCTETE
2-1-B1-A3	M903.1	ACZ	L76826-02	- ml	mwm	LUCAS CELL
2-1-B1-A3	SW6020	ACZ	L76826-02	- ml	erf	ICPMS3
3-1-B1-A3	Eichrom	ACZ	L76826-03	- ml	mwm	LB770
3-1-B1-A3	ESM 4506	ACZ	L76826-03	- ml	mtb	OCTETE
3-1-B1-A3	M903.1	ACZ	L76826-03	- ml	mwm	LUCAS CELL
3-1-B1-A3	SW6020	ACZ	L76826-03	- ml	erf	ICPMS3
4-1-B1-A3	Eichrom	ACZ	L76826-04	- ml	mwm	LB770
4-1-B1-A3	ESM 4506	ACZ	L76826-04	- ml	mtb	OCTETE
4-1-B1-A3	M903.1	ACZ	L76826-04	- ml	mwm	LUCAS CELL
4-1-B1-A3	SW6020	ACZ	L76826-04	- ml	erf	ICPMS3
5-1-B1-A3	Eichrom	ACZ	L76826-05	- ml	mwm	LB770
5-1-B1-A3	ESM 4506	ACZ	L76826-05	- ml	mtb	OCTETE
5-1-B1-A3	M903.1	ACZ	L76826-05	- ml	mwm	LUCAS CELL
5-1-B1-A3	SW6020	ACZ	L76826-05	- ml	erf	ICPMS3
L76826-01DUP	Eichrom	ACZ	L76826-01DUP	- ml		
L76826-01DUP	ESM 4506	ACZ	L76826-01DUP	- ml		
L76826-01DUP	M903.1	ACZ	L76826-01DUP	- ml		
L76826-01DUP	SW6020	ACZ	L76826-01DUP	- ml		
L76826-02DUP	SW6020	ACZ	L76826-02DUP	- ml		
L76826-02MS	Eichrom	ACZ	L76826-02MS	- ml		
L76826-02MS	ESM 4506	ACZ	L76826-02MS	- ml		
L76826-02MS	M903.1	ACZ	L76826-02MS	- ml		
L76826-05SDL	SW6020	ACZ	L76826-05SDL	- ml		
TRIP BLANK	Eichrom	ACZ	L76826-06	- ml	mwm	LB770
TRIP BLANK	ESM 4506	ACZ	L76826-06	- ml	mtb	OCTETE
TRIP BLANK	M903.1	ACZ	L76826-06	- ml	mwm	LUCAS CELL
TRIP BLANK	SW6020	ACZ	L76826-06	- ml	erf	ICPMS3
WG267308PBS1	SW6020	ACZ	WG267308PBS1	- ml		
WG267308PBS2	SW6020	ACZ	WG267308PBS2	- ml		
WG267460LCSS	M903.1	ACZ	WG267460LCSS	- ml		
WG267460PBS	M903.1	ACZ	WG267460PBS	- ml		
WG267498LCSS	ESM 4506	ACZ	WG267498LCSS	- ml		
WG267498PBS	ESM 4506	ACZ	WG267498PBS	- ml		
WG267723CCB1	SW6020	ACZ	WG267723CCB1	- ml		

Appendix D7_L76826-EFW2LabTST

WG267723CCB2	SW6020	ACZ	WG267723CCB2	- ml
WG267723CCB3	SW6020	ACZ	WG267723CCB3	- ml
WG267723CCV1	SW6020	ACZ	WG267723CCV1	- ml
WG267723CCV2	SW6020	ACZ	WG267723CCV2	- ml
WG267723CCV3	SW6020	ACZ	WG267723CCV3	- ml
WG267723ICB	SW6020	ACZ	WG267723ICB	- ml
WG267723ICSA	SW6020	ACZ	WG267723ICSA	- ml
WG267723ICSAB	SW6020	ACZ	WG267723ICSAB	- ml
WG267723ICV	SW6020	ACZ	WG267723ICV	- ml
WG267763LCSW	Eichrom	ACZ	WG267763LCSW	- ml
WG267763PBW	Eichrom	ACZ	WG267763PBW	- ml

Appendix D8 Tisch Vol Calcs 2Q09

Sample Start Date/Time	Sample End Date/Time	Sampler ID	Sampler m	Sampler b	Filter #	Run Time (hr)	Run Time (min)	Avg Pstag (°H ₂ O)	Pstag (°Hg)	P1	P1/Pa	Flow Rate (m ³ /min)	Flow Rate (ft ³ /min)	Avg. Temp (°C)	Avg. Press (inHg)	volume (m ³)	volume (ft ³)	Temp & Press Averaging Start Date & Time	Temp & Press Averaging End Date & Time
4/1/09 12:11	4/16/09 8:31	1-1	11.4459	0.127	8229611	353.5	21210	20.19	1.4846	22.9921	0.939348	1.1880	41.9538	7.037	24.48	25197.4	889839.5	4/1/09 13:00	4/16/09 9:00
4/16/09 9:18	5/1/09 9:27	1-1	11.4459	0.127	8229616	360.1	21606	22.07	1.6224	22.9531	0.933982	1.1923	42.1062	12.842	24.58	25761.2	909746.5	4/16/09 10:00	5/1/09 10:00
5/1/09 9:36	5/14/09 13:49	1-1	11.4459	0.127	8229621	314.6	18876	21.99	1.6165	22.9137	0.9340999	1.2008	42.4054	16.836	24.53	22666.1	800444.2	5/1/09 10:00	5/14/09 14:00
5/14/09 13:57	5/28/09 15:35	1-1	11.4459	0.127	8229626	337.6	20256	21.27	1.5636	23.0558	0.936489	1.2056	42.5762	17.453	24.62	24421.1	863422.7	5/14/09 14:00	5/28/09 16:00
5/28/09 15:46	6/16/09 8:22	1-1	11.4459	0.127	8229631	448.6	26916	20.31	1.4930	23.0804	0.9392426	1.2102	42.7391	17.699	24.57	32574.7	1150364.7	5/28/09 16:00	6/16/09 9:00
6/16/09 8:40	7/1/09 8:48	1-1	11.4459	0.127	8229636	360.0	21600	19.46	1.4305	23.168	0.9418478	1.2199	43.0801	20.474	24.60	26349.7	930531.1	6/16/09 9:00	7/1/09 9:00

Appendix D8 Tisch Vol Calcs 2Q09

Sample Start Date/Time	Sample End Date/Time	Sampler ID	Sampler m	Sampler b	Filter #	Run Time (hr)	Run Time (min)	Avg Pstag (°H ₂ O)	Pstag (°Hg)	P1	P1/Pa	Flow Rate (m ³ /min)	Flow Rate (ft ³ /min)	Avg. Temp (°C)	Avg. Press (inHg)	volume (m ³)	volume (ft ³)	Temp & Press Averaging Start Date & Time	Temp & Press Averaging End Date & Time
4/1/09 14:48	4/16/09 10:32	2-1	10.3903	0.2213	8229612	352.9	21174	19.11	1.4048	22.9996	0.9424375	1.1619	41.0332	7.123	24.40	24602.7	868837.2	4/1/09 15:00	4/16/09 11:00
4/16/09 10:49	5/1/09 10:53	2-1	10.3903	0.2213	8229617	360.1	21606	22.04	1.6202	22.887	0.9338881	1.1600	40.9666	12.958	24.51	25064.0	885125.4	4/16/09 11:00	5/1/09 11:00
5/1/09 11:07	5/14/09 15:05	2-1	10.3903	0.2213	8229622	314.3	18858	21.46	1.5779	22.8851	0.935497	1.1715	41.3726	17.343	24.46	22092.9	780205.0	5/1/09 12:00	5/14/09 16:00
5/14/09 15:11	5/28/09 16:05	2-1	10.3903	0.2213	8229627	336.9	20214	20.30	1.4926	23.0597	0.9392056	1.1767	41.6245	17.861	24.55	23825.7	841397.4	5/14/09 16:00	5/28/09 17:00
5/28/09 16:15	6/16/09 11:09	2-1	10.3903	0.2213	8229632	451.1	27066	20.68	1.5206	22.9841	0.9379471	1.1772	41.5731	18.164	24.50	31862.6	1125218.4	5/28/09 17:00	6/16/09 12:00
6/16/09 11:24	7/1/09 7:59	2-1	10.3903	0.2213	8229637	356.5	21390	19.48	1.4320	23.1003	0.9416285	1.1889	41.9865	20.956	24.53	25431.1	898090.8	6/16/09 12:00	7/1/09 8:00

Appendix D8 Tisch Vol Calcs 2Q09

Sample Start Date/Time	Sample End Date/Time	Sampler ID	Sampler m	Sampler b	Filter #	Run Time (hr)	Run Time (min)	Avg Pstag (°H ₂ O)	Pstag (°Hg)	P1	P1/Pa	Flow Rate (m ³ /min)	Flow Rate (ft ³ /min)	Avg. Temp (°C)	Avg. Press (inHg)	volume (m ³)	volume (ft ³)	Temp & Press Averaging Start Date & Time	Temp & Press Averaging End Date & Time
4/1/09 13:42	4/17/09 8:49	3-1	12.0097	0.0877	8229613	379.1	22746	20.22	1.4868	22.9258	0.939098	1.1866	41.9042	7.008	24.41	26990.3	953151.9	4/1/09 14:00	4/17/09 9:00
4/17/09 9:26	5/1/09 11:43	3-1	12.0097	0.0877	8229618	338.2	20292	21.62	1.5897	22.9203	0.935141	1.1947	42.1913	13.519	24.51	24243.3	856145.1	4/17/09 10:00	5/1/09 12:00
5/1/09 11:55	5/15/09 8:22	3-1	12.0097	0.0877	8229623	332.4	19944	22.33	1.6415	22.8215	0.932897	1.1996	42.3648	17.418	24.46	23925.6	844923.0	5/1/09 12:00	5/15/09 9:00
5/15/09 8:30	5/29/09 6:18	3-1	12.0097	0.0877	8229628	333.8	20028	19.82	1.4574	23.1044	0.940666	1.2112	42.7730	17.674	24.56	24257.9	856658.0	5/15/09 9:00	5/29/09 7:00
5/29/09 6:21	6/16/09 14:37	3-1	12.0097	0.0877	8229633	440.2	26412	20.36	1.4967	23.0031	0.93891	1.2100	42.7298	18.286	24.50	31957.8	1128580.0	5/29/09 7:00	6/16/09 15:00
6/16/09 14:46	7/1/09 14:04	3-1	12.0097	0.0877	8229638	320.5	19230	19.51	1.4342	23.098	0.941538	1.2193	43.0605	20.994	24.53	23447.8	828052.5	6/16/09 15:00	7/1/09 15:00

Appendix D8 Tisch Vol Calcs 2Q09

Sample Start Date/Time	Sample End Date/Time	Sampler ID	Sampler m	Sampler b	Filter #	Run Time (hr)	Run Time (min)	Avg Pstag (°H ₂ O)	Pstag (°Hg)	P1	P1/Pa	Flow Rate (m ³ /min)	Flow Rate (ft ³ /min)	Avg. Temp (°C)	Avg. Press (inHg)	volume (m ³)	volume (ft ³)	Temp & Press Averaging Start Date & Time	Temp & Press Averaging End Date & Time
4/1/09 11:14	4/17/09 12:31	4-1	11.6708	0.1191	8229614	382.5	22950	23.73	1.7445	22.7357	0.9287389	1.1615	41.0172	7.161	24.48	26655.9	941344.4	4/1/09 12:00	4/17/09 13:00
4/17/09 13:10	5/1/09 12:32	4-1	11.6708	0.1191	8229619	335.3	20118	26.54	1.9515	22.6277	0.9206049	1.1635	41.0878	13.864	24.58	23406.8	826603.6	4/17/09 14:00	5/1/09 13:00
5/1/09 12:41	5/15/09 9:31	4-1	11.6708	0.1191	8229624	331.2	19872	22.54	1.6574	22.8723	0.9324346	1.1881	41.9576	17.502	24.53	23610.1	833781.3	5/1/09 13:00	5/15/09 10:00
5/15/09 9:43	5/29/09 5:46	4-1	11.6708	0.1191	8229629	332.0	19920	20.39	1.4993	23.1301	0.939127	1.1982	42.3156	17.878	24.63	23869.0	842926.9	5/15/09 10:00	5/29/09 6:00
5/29/09 5:50	6/16/09 15:47	4-1	11.6708	0.1191	8229634	441.9	28514	21.19	1.5577	23.0107	0.9365967	1.1959	42.2322	18.329	24.57	31707.7	1119745.5	5/29/09 6:00	6/16/09 16:00
6/16/09 15:57	7/1/09 20:33	4-1	11.6708	0.1191	8229639	364.6	21876	19.24	1.4143	23.1863	0.942508	1.2106	42.7506	21.256	24.60	26482.3	935213.1	6/16/09 16:00	7/1/09 21:00

Appendix D8 Tisch Vol Calcs 2Q09

Sample Start Date/Time	Sample End Date/Time	Sampler ID	Sampler m	Sampler b	Filter #	Run Time (hr)	Run Time (min)	Avg Pstag ("H ₂ O)	Pstag ("Hg)	P1	P1/Pa	Flow Rate (m ³ /min)	Flow Rate (ft ³ /min)	Avg. Temp (°C)	Avg. Press (inHg)	volume (m ³)	volume (ft ³)	Temp & Press Averaging Start Date & Time	Temp & Press Averaging End Date & Time
4/1/09 15:40	4/17/09 13:58	5-1	11.3823	0.1417	8229615	379.5	22770	20.10	1.4779	23.0041	0.9396317	1.1734	41.4366	6.997	24.48	26717.2	943510.8	4/1/09 16:00	4/17/09 14:00
4/17/09 14:30	5/1/09 13:05	5-1	11.3823	0.1417	8229620	334.5	20070	22.30	1.6393	22.9401	0.9333045	1.1775	41.5842	13.525	24.58	23633.1	834594.8	4/17/09 15:00	5/1/09 14:00
5/1/09 13:18	5/15/09 10:09	5-1	11.3823	0.1417	8229625	331.3	19878	22.01	1.6180	22.9118	0.9340388	1.1856	41.8686	16.922	24.53	23567.1	832264.7	5/1/09 14:00	5/15/09 11:00
5/15/09 10:23	5/29/09 5:15	5-1	11.3823	0.1417	8229630	330.8	19848	19.65	1.4445	23.1849	0.9413511	1.1972	42.2772	17.226	24.63	23761.2	839117.7	5/15/09 11:00	5/29/09 6:00
5/29/09 5:18	6/16/09 16:30	5-1	11.3823	0.1417	8229635	443.2	26592	20.39	1.4989	23.0695	0.938991	1.1950	42.2009	17.895	24.57	31777.4	1122206.7	5/29/09 6:00	6/16/09 17:00
6/16/09 17:02	7/1/09 21:30	5-1	11.3823	0.1417	8229640	364.4	21864	19.65	1.4445	23.1561	0.9412825	1.2042	42.5242	20.679	24.60	26327.5	929748.4	6/16/09 18:00	7/1/09 22:00

SECOND QUARTER 2009 AIR FILTER RESULTS

SampleID	SampleDate	Field	Unit	Result	Qual	MDL/LLD
1-1	4/1/09	AirFlowRate	cfm	41.9538		
1-1	4/1/09	SamplingTime	min	21210		
1-1	4/1/09	SampleVolume	liter	25197000		
1-1	4/16/09	AirFlowRate	cfm	42.1062		
1-1	4/16/09	SamplingTime	min	21606		
1-1	4/16/09	SampleVolume	liter	25761000		
1-1	5/1/09	AirFlowRate	cfm	42.4054		
1-1	5/1/09	SamplingTime	min	18876		
1-1	5/1/09	SampleVolume	liter	22666000		
1-1	5/14/09	AirFlowRate	cfm	42.5762		
1-1	5/14/09	SamplingTime	min	20256		
1-1	5/14/09	SampleVolume	liter	24421000		
1-1	5/28/09	AirFlowRate	cfm	42.7391		
1-1	5/28/09	SamplingTime	min	26916		
1-1	5/28/09	SampleVolume	liter	32575000		
1-1	6/16/09	AirFlowRate	cfm	43.0801		
1-1	6/16/09	SamplingTime	min	21600		
1-1	6/16/09	SampleVolume	liter	26350000		
1-1	4/1/09	Totalsample Volume	liter	156970000		
1-1	4/1/09	UraniumLabResult	mg/filter		U	0.001
1-1	4/1/09	Lead210LabResult	pCi/filter	290		29
1-1	4/1/09	Radium226LabResult	pCi/filter	0.55		1.9
1-1	4/1/09	Thorium230LabResult	pCi/filter	-0.21		2
1-1	4/1/09	UraniumConverted	ug/liter		U	6.4E-09
1-1	4/1/09	Lead210Converted	pCi/liter	1.8E-06		1.8E-07
1-1	4/1/09	Radium226Converted	pCi/liter	3.5E-09		1.2E-08
1-1	4/1/09	Thorium230Converted	pCi/liter	-1.3E-09		1.3E-08

Appendix D9 20Q2009 Full

SampleID	SampleDate	Field	Unit	Result	Qual	MDL/LLD
2-1	4/1/09	AirFlowRate	cfm	41.0332		
2-1	4/1/09	SamplingTime	min	21174		
2-1	4/1/09	SampleVolume	liter	24603000		
2-1	4/16/09	AirFlowRate	cfm	40.9666		
2-1	4/16/09	SamplingTime	min	21606		
2-1	4/16/09	SampleVolume	liter	25064000		
2-1	5/1/09	AirFlowRate	cfm	41.3726		
2-1	5/1/09	SamplingTime	min	18858		
2-1	5/1/09	SampleVolume	liter	22093000		
2-1	5/14/09	AirFlowRate	cfm	41.6245		
2-1	5/14/09	SamplingTime	min	20214		
2-1	5/14/09	SampleVolume	liter	23826000		
2-1	5/28/09	AirFlowRate	cfm	41.5731		
2-1	5/28/09	SamplingTime	min	27066		
2-1	5/28/09	SampleVolume	liter	31863000		
2-1	6/16/09	AirFlowRate	cfm	41.9865		
2-1	6/16/09	SamplingTime	min	21390		
2-1	6/16/09	SampleVolume	liter	25431000		
2-1	4/1/09	Totalsample Volume	liter	152880000		
2-1	4/1/09	UraniumLabResult	mg/filter		U	0.001
2-1	4/1/09	Lead210LabResult	pCi/filter	400		11
2-1	4/1/09	Radium226LabResult	pCi/filter	0.26		2.3
2-1	4/1/09	Thorium230LabResult	pCi/filter	0.18		2.1
2-1	4/1/09	UraniumConverted	ug/liter		U	6.5E-09
2-1	4/1/09	Lead210Converted	pCi/liter	2.6E-06		7.2E-08
2-1	4/1/09	Radium226Converted	pCi/liter	1.7E-09		1.5E-08
2-1	4/1/09	Thorium230Converted	pCi/liter	1.2E-09		1.4E-08

Appendix D9 202009 Full

SampleID	SampleDate	Field	Unit	Result	Qual	MDL/LLD
3-1	4/1/09	AirFlowRate	cfm	41.9042		
3-1	4/1/09	SamplingTime	min	22746		
3-1	4/1/09	SampleVolume	liter	26990000		
3-1	4/17/09	AirFlowRate	cfm	42.1913		
3-1	4/17/09	SamplingTime	min	20292		
3-1	4/17/09	SampleVolume	liter	24243000		
3-1	5/1/09	AirFlowRate	cfm	42.3648		
3-1	5/1/09	SamplingTime	min	19944		
3-1	5/1/09	SampleVolume	liter	23926000		
3-1	5/15/09	AirFlowRate	cfm	42.7730		
3-1	5/15/09	SamplingTime	min	20028		
3-1	5/15/09	SampleVolume	liter	24258000		
3-1	5/29/09	AirFlowRate	cfm	42.7298		
3-1	5/29/09	SamplingTime	min	26412		
3-1	5/29/09	SampleVolume	liter	31958000		
3-1	6/16/09	AirFlowRate	cfm	43.0605		
3-1	6/16/09	SamplingTime	min	19230		
3-1	6/16/09	SampleVolume	liter	23448000		
3-1	4/1/09	Totalsample Volume	liter	154823000		
3-1	4/1/09	UraniumLabResult	mg/filter		U	0.001
3-1	4/1/09	Lead210LabResult	pCi/filter	350		18
3-1	4/1/09	Radium226LabResult	pCi/filter	1		2.2
3-1	4/1/09	Thorium230LabResult	pCi/filter	-0.22		2
3-1	4/1/09	UraniumConverted	ug/liter		U	6.5E-09
3-1	4/1/09	Lead210Converted	pCi/liter	2.3E-06		1.2E-07
3-1	4/1/09	Radium226Converted	pCi/liter	6.5E-09		1.4E-08
3-1	4/1/09	Thorium230Converted	pCi/liter	-1.4E-09		1.3E-08

Appendix D9 202009 Full

SampleID	SampleDate	Field	Unit	Result	Qual	MDL/LLD
4-1	4/1/09	AirFlowRate	cfm	41.0172		
4-1	4/1/09	SamplingTime	min	22950		
4-1	4/1/09	SampleVolume	liter	26656000		
4-1	4/17/09	AirFlowRate	cfm	41.0878		
4-1	4/17/09	SamplingTime	min	20118		
4-1	4/17/09	SampleVolume	liter	23407000		
4-1	5/1/09	AirFlowRate	cfm	41.9576		
4-1	5/1/09	SamplingTime	min	19872		
4-1	5/1/09	SampleVolume	liter	23610000		
4-1	5/15/09	AirFlowRate	cfm	42.3156		
4-1	5/15/09	SamplingTime	min	19920		
4-1	5/15/09	SampleVolume	liter	23869000		
4-1	5/29/09	AirFlowRate	cfm	42.2322		
4-1	5/29/09	SamplingTime	min	26514		
4-1	5/29/09	SampleVolume	liter	31708000		
4-1	6/16/09	AirFlowRate	cfm	42.7506		
4-1	6/16/09	SamplingTime	min	21876		
4-1	6/16/09	SampleVolume	liter	26482000		
4-1	4/1/09	Totalsample Volume	liter	155732000		
4-1	4/1/09	UraniumLabResult	mg/filter		U	0.001
4-1	4/1/09	Lead210LabResult	pCi/filter	350		21
4-1	4/1/09	Radium226LabResult	pCi/filter	1.1		2.1
4-1	4/1/09	Thorium230LabResult	pCi/filter	0.54		2.2
4-1	4/1/09	UraniumConverted	ug/liter		U	6.4E-09
4-1	4/1/09	Lead210Converted	pCi/liter	2.2E-06		1.3E-07
4-1	4/1/09	Radium226Converted	pCi/liter	7.1E-09		1.3E-08
4-1	4/1/09	Thorium230Converted	pCi/liter	3.5E-09		1.4E-08

Appendix D9 202009 Full

SampleID	SampleDate	Field	Unit	Result	Qual	MDL/LLD
5-1	4/1/09	AirFlowRate	cfm	41.4366		
5-1	4/1/09	SamplingTime	min	22770		
5-1	4/1/09	SampleVolume	liter	26717000		
5-1	4/17/09	AirFlowRate	cfm	41.5842		
5-1	4/17/09	SamplingTime	min	20070		
5-1	4/17/09	SampleVolume	liter	23633000		
5-1	5/1/09	AirFlowRate	cfm	41.8686		
5-1	5/1/09	SamplingTime	min	19878		
5-1	5/1/09	SampleVolume	liter	23567000		
5-1	5/15/09	AirFlowRate	cfm	42.2772		
5-1	5/15/09	SamplingTime	min	19848		
5-1	5/15/09	SampleVolume	liter	23761000		
5-1	5/29/09	AirFlowRate	cfm	42.2009		
5-1	5/29/09	SamplingTime	min	26592		
5-1	5/29/09	SampleVolume	liter	31777000		
5-1	6/16/09	AirFlowRate	cfm	42.5242		
5-1	6/16/09	SamplingTime	min	21864		
5-1	6/16/09	SampleVolume	liter	26328000		
5-1	4/1/09	Totalsample Volume	liter	155783000		
5-1	4/1/09	UraniumLabResult	mg/filter		U	0.001
5-1	4/1/09	Lead210LabResult	pCi/filter	350		16
5-1	4/1/09	Radium226LabResult	pCi/filter	0.62		2.1
5-1	4/1/09	Thorium230LabResult	pCi/filter	-0.17		2.1
5-1	4/1/09	UraniumConverted	ug/liter		U	6.4E-09
5-1	4/1/09	Lead210Converted	pCi/liter	2.2E-06		1.0E-07
5-1	4/1/09	Radium226Converted	pCi/liter	4.0E-09		1.3E-08
5-1	4/1/09	Thorium230Converted	pCi/liter	-1.1E-09		1.3E-08
TRIP BLANK	4/1/09	UraniumLabResult	mg/filter		U	0.007
TRIP BLANK	4/1/09	Lead210LabResult	pCi/filter	0.0		170
TRIP BLANK	4/1/09	Radium226LabResult	pCi/filter	1.5		9.8
TRIP BLANK	4/1/09	Thorium230LabResult	pCi/filter	10		16

Appendix D10 2Q2009 Summary

FIRST QUARTER 2009 AIR FILTER RESULTS

Field	Unit	1-1	2-1	3-1	4-1	5-1	Trip Blank
SampleID							
SampleDate	Date	4/1/09	4/1/09	4/1/09	4/1/09	4/1/09	4/1/2009
SampleVolume	liter	156970000	152880000	154823000	155732000	155783000	N/A
UraniumConverted	ug/liter	6.4E-09 U	6.5E-09 U	6.5E-09 U	6.4E-09 U	6.4E-09 U	7.0E-03 U
Lead210Converted	pCi/liter	1.8E-06	2.6E-06	2.3E-06	2.2E-06	2.2E-06	0.0E+00
Radium226Converted	pCi/liter	3.5E-09	1.7E-09	6.5E-09	7.1E-09	4.0E-09	1.5E+00
Thorium230Converted	pCi/liter	-1.3E-09	1.2E-09	-1.4E-09	3.5E-09	-1.1E-09	1.0E+01