Attachment 2.9-6 Technical Memorandum: 2008 Vegetation Sampling

TECHNICAL MEMORANDUM

TO: **Ur-Energy Inc.**

FROM: **AATA International, Inc.**

DATE: **January 16, 2009**

SUBJECT: **Vegetation Sampling for Radionuclides**

Vegetation samples for radionuclide analyses were collected from three areas downwind of the Plant in the Lost Creek License Area in the summer of 2008. The samples were analyzed for natural uranium, lead-210 (Pb-210), polonium 210 (Po-210), radium-226 (Ra-226), and thorium-230 (Th-230).

Figure Veg-1 shows the three areas from which the vegetation samples were collected. The sampling areas radiate from the Plant in the direction of the prevailing wind. A transect was established along the northern (or northeastern) boundary of each area during the first sampling event, and grazing fodder within 5 meters of those transects was sampled. During subsequent sampling events, the transects in each area were relocated 10 meters to the south or southwest of the previous transect in that area, and parallel to the first transect (**Figure Veg-2**).

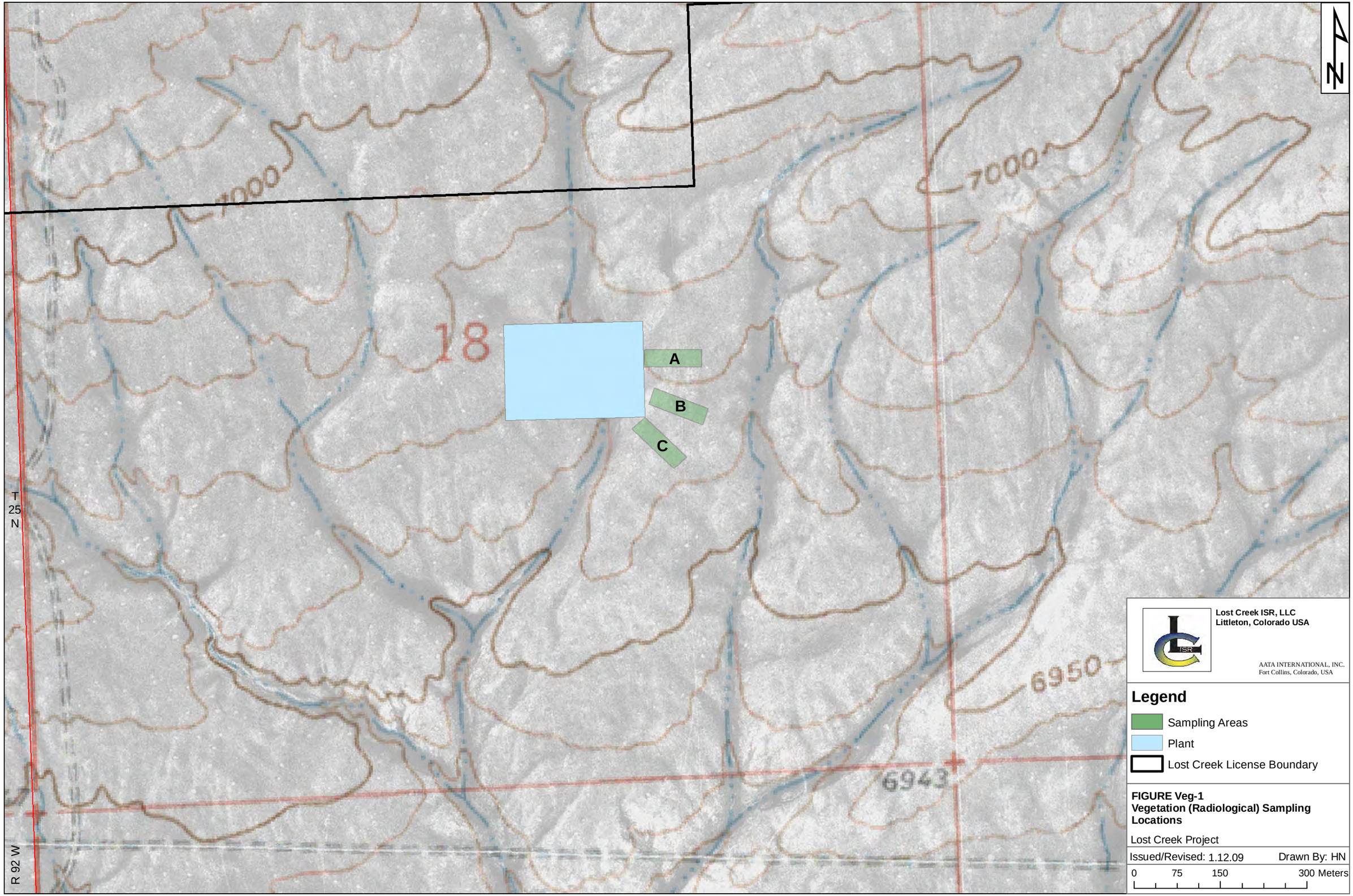
Sagebrush, rabbitbrush, succulents, and other non-grazing vegetation were avoided, since they are generally not consumed by cattle, and therefore any radionuclides that might be present in shrubs or succulents are less likely to enter the human food chain. In addition, sampling of shrubs (especially sagebrush) can be detrimental to the plant survival. Given the quantity of vegetative material needed for analysis, it was not considered prudent to collect significant quantities of sagebrush. Historical data at a different uranium project in Wyoming shows that levels of natural uranium, Pb-210, Po-210, Ra-226, and Th-230 are very similar between grasses and sagebrush (Conoco, 1980 in EMC, 2007).

Table Veg-1 shows the analytical results for the vegetation sampling, and the laboratory data sheets are included in **Appendix Veg-1**. The overall average uranium concentration was 0.18 mg/kg. However, if the outlier value (0.76 mg/kg) is excluded, the average was 0.11 mg/kg. Uranium concentrations were greatest in the first sample, then fairly consistent between the second and third sample. Not surprisingly, uranium activity showed a similar trend, as did Pb-210, which averaged 0.0014 uCi/kg in the first sample, and 0.00051 and 0.00083 uCi/kg in the subsequent samples. Po-210 concentrations averaged 0.000062 uCi/kg, and generally increased over time, with the highest concentrations in the final samples. Noticeable changes in radiological activity after the first sample may be due to vegetation drying out and becoming dormant as summer progresses. No trends in time or space were apparent in Ra-226 or Th-230, which averaged 0.00012, and 0.000025 uCi/kg, respectively.

References:

Conoco, Inc. 1980. Environmental Report for the Sand Rock Mill Project, Campbell County, Wyoming. Docket No. 40-8743. July, 1980.

EMC (Energy Metals Corporation US). 2007. Application for US NRC Source Material License, Moore Ranch Uranium Project. Technical Report, Volume II. NRC website, ADAMS accession number ML072851268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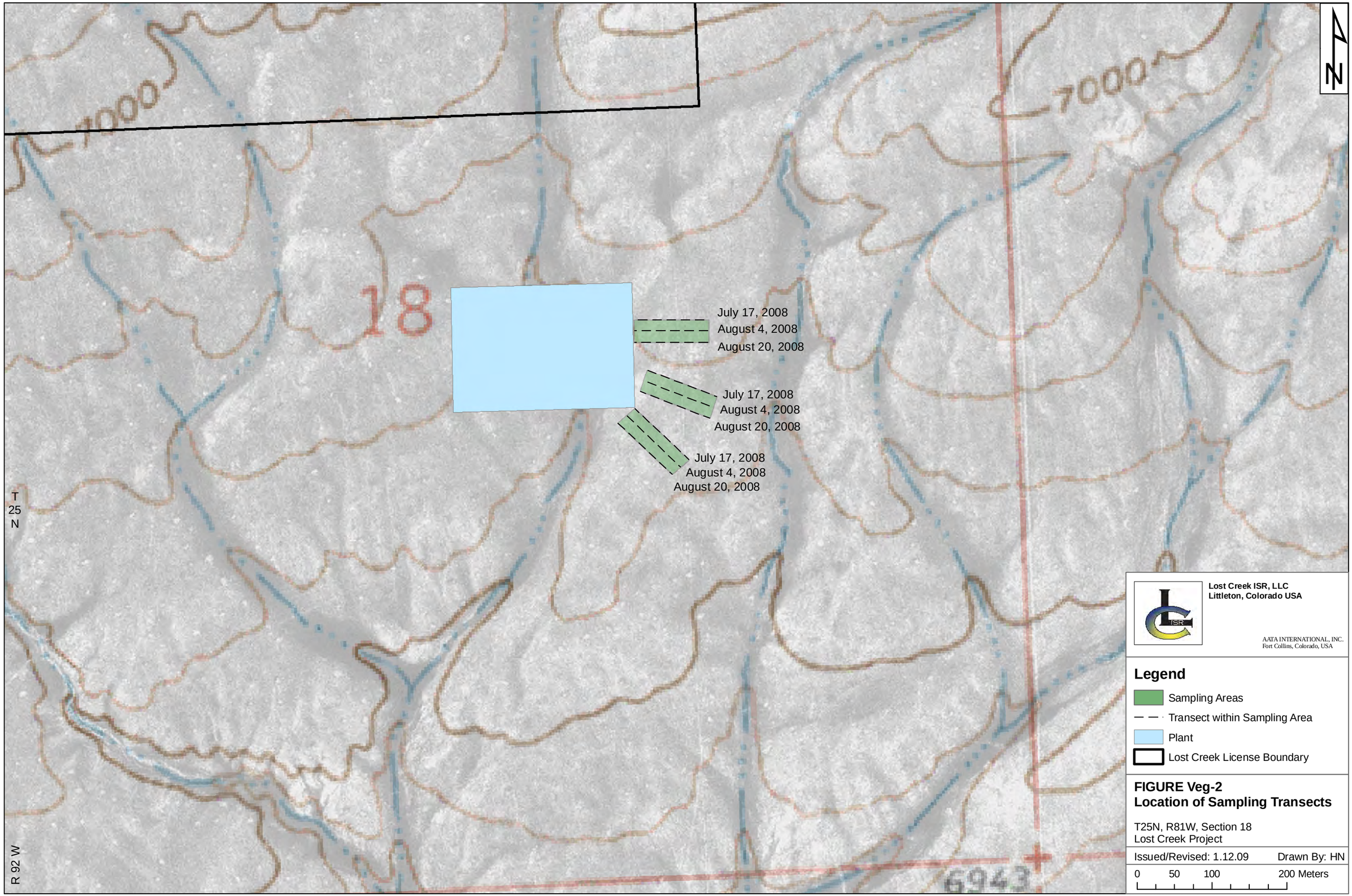
Lost Creek ISR, LLC
Littleton, Colorado USA
AATA INTERNATIONAL, INC.
Fort Collins, Colorado, USA
Legend
Sampling Areas
Plant
Lost Creek License Boundary
FIGURE Veg-1
Vegetation (Radiological) Sampling Locations
Lost Creek Project
Issued/Revised: 1.12.09
Drawn By: HN
0
75
150
300 Meters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July 17, 2008
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August 20, 2008
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Lost Creek ISR, LLC
Littleton, Colorado USA
AATA INTERNATIONAL, INC.
Fort Collins, Colorado, USA
Legend
Sampling Areas
Transect within Sampling Area
Plant
Lost Creek License Boundary
FIGURE Veg-2
Location of Sampling Transects
T25N, R81W, Section 18
Lost Creek Project
Issued/Revised: 1.12.09
Drawn By: HN
0
50
100
200 Meters

Table Veg-1 Summary of Analytical Results - Vegetation Sampling for Radionuclides

Sample Location	Analyte	Units	Sampling Date		
			7/17/2008	8/4/2008	8/20/2008
LC-A	Uranium	mg/kg-dry	0.76	0.08	0.11
	Uranium, Activity	uCi/kg	0.00052	0.00006	0.000076
	Lead 210	uCi/kg	0.0015	<0.00065	0.00069
	Polonium 210	uCi/kg	0.000072	0.000035	0.000100
	Radium 226	uCi/kg	0.000083	0.000075	0.00015
	Thorium 230	uCi/kg	0.000016	0.000014	0.000028
LC-B	Uranium	mg/kg-dry	0.17	0.06	0.06
	Uranium, Activity	uCi/kg	0.00012	0.00004	0.000042
	Lead 210	uCi/kg	0.0019	0.0009	0.001
	Polonium 210	uCi/kg	0.000035	0.000068	0.00008
	Radium 226	uCi/kg	0.000071	0.00015	0.00016
	Thorium 230	uCi/kg	0.000022	0.000024	0.000034
LC-C	Uranium	mg/kg-dry	0.2	0.09	0.08
	Uranium, Activity	uCi/kg	0.00013	0.00006	0.000052
	Lead 210	uCi/kg	0.00089	<0.00062	0.00079
	Polonium 210	uCi/kg	0.000032	0.000035	0.000097
	Radium 226	uCi/kg	0.00015	0.00015	0.00013
	Thorium 230	uCi/kg	0.000032	0.000039	0.000019
Overall Average	Uranium	mg/kg-dry	0.18		
	Uranium, Activity	uCi/kg	0.00012		
	Lead 210	uCi/kg	0.00092		
	Polonium 210	uCi/kg	0.000062		
	Radium 226	uCi/kg	0.00012		
	Thorium 230	uCi/kg	0.000025		

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ANALYTICAL SUMMARY REPORT

October 09, 2008

AATA International Inc
300 E Boardwalk Dr STE 4A
Fort Collins, CO 80525

Workorder No.: C08080492 Quote ID: C2889 - 301 UR Energy

Project Name: Lost Creek 301

Energy Laboratories, Inc. received the following 6 samples from AATA International Inc on 8/12/2008 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C08080492-001	LC-A	07/17/08 12:00	08/12/08	Vegetation	Metals by ICP/ICPMS, Total Digestion, Radiochemistry Digestion, Total Metals for Core Samples Lead 210 Polonium 210 Radium 226 Thorium, Isotopic
C08080492-002	LC-B	07/17/08 14:00	08/12/08	Vegetation	Same As Above
C08080492-003	LC-C	07/17/08 16:00	08/12/08	Vegetation	Same As Above
C08080492-004	LC-A	08/04/08 11:00	08/12/08	Vegetation	Same As Above
C08080492-005	LC-B	08/04/08 13:00	08/12/08	Vegetation	Same As Above
C08080492-006	LC-C	08/04/08 15:00	08/12/08	Vegetation	Same As Above

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By: STEVE CARLSTON

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LABORATORY ANALYTICAL REPORT

Client: AATA International Inc
Project: Lost Creek 301
Lab ID: C08080492-001
Client Sample ID: LC-A

Report Date: 10/09/08
Collection Date: 07/17/08 12:00
DateReceived: 08/12/08
Matrix: Vegetation

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.76	mg/kg-dry		0.02		SW6020	08/27/08 20:53 / sml
Uranium, Activity	5.2E-04	uCi/kg		1.0E-05		SW6020	08/27/08 20:53 / sml
RADIONUCLIDES - TOTAL							
Lead 210	1.5E-03	uCi/kg				E909.0M	09/04/08 09:45 / dm
Lead 210 precision (±)	5.3E-04	uCi/kg				E909.0M	09/04/08 09:45 / dm
Lead 210 MDC	8.5E-04	uCi/kg				E909.0M	09/04/08 09:45 / dm
Polonium 210	7.2E-05	uCi/kg		5.4E-06		RMO-3008	09/04/08 19:15 / plj
Polonium 210 precision (±)	2.4E-05	uCi/kg				RMO-3008	09/04/08 19:15 / plj
Radium 226	8.3E-05	uCi/kg				E903.0	09/08/08 22:46 / trs
Radium 226 precision (±)	1.2E-05	uCi/kg				E903.0	09/08/08 22:46 / trs
Radium 226 MDC	6.6E-06	uCi/kg				E903.0	09/08/08 22:46 / trs
Thorium 230	1.6E-05	uCi/kg		1.1E-06		E907.0	09/05/08 16:15 / dmf
Thorium 230 precision (±)	7.0E-06	uCi/kg				E907.0	09/05/08 16:15 / dmf

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: AATA International Inc
Project: Lost Creek 301
Lab ID: C08080492-002
Client Sample ID: LC-B

Report Date: 10/09/08
Collection Date: 07/17/08 14:00
DateReceived: 08/12/08
Matrix: Vegetation

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.17	mg/kg-dry		0.02		SW6020	08/27/08 21:07 / sml
Uranium, Activity	1.2E-04	uCi/kg		1.0E-05		SW6020	08/27/08 21:07 / sml
RADIONUCLIDES - TOTAL							
Lead 210	1.9E-03	uCi/kg				E909.0M	09/04/08 09:45 / dm
Lead 210 precision (±)	5.2E-04	uCi/kg				E909.0M	09/04/08 09:45 / dm
Lead 210 MDC	8.3E-04	uCi/kg				E909.0M	09/04/08 09:45 / dm
Polonium 210	3.5E-05	uCi/kg		5.2E-06		RMO-3008	09/04/08 19:15 / plj
Polonium 210 precision (±)	1.6E-05	uCi/kg				RMO-3008	09/04/08 19:15 / plj
Radium 226	7.1E-05	uCi/kg				E903.0	09/08/08 22:46 / trs
Radium 226 precision (±)	1.1E-05	uCi/kg				E903.0	09/08/08 22:46 / trs
Radium 226 MDC	6.7E-06	uCi/kg				E903.0	09/08/08 22:46 / trs
Thorium 230	2.2E-05	uCi/kg		1.1E-06		E907.0	09/05/08 16:15 / dmf
Thorium 230 precision (±)	8.4E-06	uCi/kg				E907.0	09/05/08 16:15 / dmf

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LABORATORY ANALYTICAL REPORT

Client: AATA International Inc
Project: Lost Creek 301
Lab ID: C08080492-003
Client Sample ID: LC-C

Report Date: 10/09/08
Collection Date: 07/17/08 16:00
DateReceived: 08/12/08
Matrix: Vegetation

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.20	mg/kg-dry		0.02		SW6020	08/27/08 21:13 / sml
Uranium, Activity	1.3E-04	uCi/kg		1.0E-05		SW6020	08/27/08 21:13 / sml
RADIONUCLIDES - TOTAL							
Lead 210	8.9E-04	uCi/kg				E909.0M	09/04/08 09:45 / dm
Lead 210 precision (±)	5.4E-04	uCi/kg				E909.0M	09/04/08 09:45 / dm
Lead 210 MDC	8.7E-04	uCi/kg				E909.0M	09/04/08 09:45 / dm
Polonium 210	3.2E-05	uCi/kg		5.6E-06		RMO-3008	09/04/08 19:15 / plj
Polonium 210 precision (±)	2.1E-05	uCi/kg				RMO-3008	09/04/08 19:15 / plj
Radium 226	1.5E-04	uCi/kg				E903.0	09/08/08 22:46 / trs
Radium 226 precision (±)	1.7E-05	uCi/kg				E903.0	09/08/08 22:46 / trs
Radium 226 MDC	7.1E-06	uCi/kg				E903.0	09/08/08 22:46 / trs
Thorium 230	3.2E-05	uCi/kg		1.1E-06		E907.0	09/05/08 16:15 / dmf
Thorium 230 precision (±)	1.2E-05	uCi/kg				E907.0	09/05/08 16:15 / dmf

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QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
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LABORATORY ANALYTICAL REPORT

Client: AATA International Inc
Project: Lost Creek 301
Lab ID: C08080492-004
Client Sample ID: LC-A

Report Date: 10/09/08
Collection Date: 08/04/08 11:00
DateReceived: 08/12/08
Matrix: Vegetation

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.08	mg/kg-dry		0.02		SW6020	08/27/08 21:20 / sml
Uranium, Activity	6.0E-05	uCi/kg		1.0E-05		SW6020	08/27/08 21:20 / sml
RADIONUCLIDES - TOTAL							
Lead 210	5.3E-04	uCi/kg	U			E909.0M	09/04/08 09:45 / dm
Lead 210 precision (±)	3.9E-04	uCi/kg				E909.0M	09/04/08 09:45 / dm
Lead 210 MDC	6.5E-04	uCi/kg				E909.0M	09/04/08 09:45 / dm
Polonium 210	3.5E-05	uCi/kg		4.1E-06		RMO-3008	09/04/08 19:15 / plj
Polonium 210 precision (±)	1.7E-05	uCi/kg				RMO-3008	09/04/08 19:15 / plj
Radium 226	7.5E-05	uCi/kg				E903.0	09/08/08 22:46 / trs
Radium 226 precision (±)	1.0E-05	uCi/kg				E903.0	09/08/08 22:46 / trs
Radium 226 MDC	5.2E-06	uCi/kg				E903.0	09/08/08 22:46 / trs
Thorium 230	1.4E-05	uCi/kg		8.2E-07		E907.0	09/05/08 16:15 / dmf
Thorium 230 precision (±)	5.3E-06	uCi/kg				E907.0	09/05/08 16:15 / dmf

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QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

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LABORATORY ANALYTICAL REPORT

Client: AATA International Inc
Project: Lost Creek 301
Lab ID: C08080492-005
Client Sample ID: LC-B

Report Date: 10/09/08
Collection Date: 08/04/08 13:00
DateReceived: 08/12/08
Matrix: Vegetation

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.06	mg/kg-dry		0.02		SW6020	08/27/08 21:54 / sml
Uranium, Activity	4.0E-05	uCi/kg		1.0E-05		SW6020	08/27/08 21:54 / sml
RADIONUCLIDES - TOTAL							
Lead 210	9.0E-04	uCi/kg				E909.0M	09/04/08 09:45 / dm
Lead 210 precision (±)	4.2E-04	uCi/kg				E909.0M	09/04/08 09:45 / dm
Lead 210 MDC	6.8E-04	uCi/kg				E909.0M	09/04/08 09:45 / dm
Polonium 210	6.8E-05	uCi/kg		4.3E-06		RMO-3008	09/04/08 19:15 / plj
Polonium 210 precision (±)	2.2E-05	uCi/kg				RMO-3008	09/04/08 19:15 / plj
Radium 226	1.5E-04	uCi/kg				E903.0	09/08/08 22:46 / trs
Radium 226 precision (±)	1.5E-05	uCi/kg				E903.0	09/08/08 22:46 / trs
Radium 226 MDC	5.7E-06	uCi/kg				E903.0	09/08/08 22:46 / trs
Thorium 230	2.4E-05	uCi/kg		8.6E-07		E907.0	09/05/08 16:15 / dmf
Thorium 230 precision (±)	1.2E-05	uCi/kg				E907.0	09/05/08 16:15 / dmf

Report Definitions:
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MDC - Minimum detectable concentration
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ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: AATA International Inc
Project: Lost Creek 301
Lab ID: C08080492-006
Client Sample ID: LC-C

Report Date: 10/09/08
Collection Date: 08/04/08 15:00
DateReceived: 08/12/08
Matrix: Vegetation

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.09	mg/kg-dry		0.02		SW6020	08/27/08 22:01 / sml
Uranium, Activity	6.0E-05	uCi/kg		1.0E-05		SW6020	08/27/08 22:01 / sml
RADIONUCLIDES - TOTAL							
Lead 210	6.1E-04	uCi/kg	U			E909.0M	09/04/08 09:45 / dm
Lead 210 precision (±)	3.8E-04	uCi/kg				E909.0M	09/04/08 09:45 / dm
Lead 210 MDC	6.2E-04	uCi/kg				E909.0M	09/04/08 09:45 / dm
Polonium 210	3.5E-05	uCi/kg		3.9E-06		RMO-3008	09/04/08 19:15 / plj
Polonium 210 precision (±)	1.3E-05	uCi/kg				RMO-3008	09/04/08 19:15 / plj
Radium 226	1.5E-04	uCi/kg				E903.0	09/08/08 22:46 / trs
Radium 226 precision (±)	1.3E-05	uCi/kg				E903.0	09/08/08 22:46 / trs
Radium 226 MDC	4.8E-06	uCi/kg				E903.0	09/08/08 22:46 / trs
Thorium 230	3.9E-05	uCi/kg		7.9E-07		E907.0	09/05/08 16:15 / dmf
Thorium 230 precision (±)	1.7E-05	uCi/kg				E907.0	09/05/08 16:15 / dmf

Report Definitions:
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QCL - Quality control limit.
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ND - Not detected at the reporting limit.
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QA/QC Summary Report

Client: AATA International Inc
Project: Lost Creek 301

Report Date: 10/09/08
Work Order: C08080492

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0									Batch: 19597
Sample ID: LCS-19597	Laboratory Control Sample				Run: BERTHOLD 770_080902A				09/08/08 22:46
Radium 226	4.2E-05	pCi/L		107	70	130			
Sample ID: MB-19597	Method Blank				Run: BERTHOLD 770_080902A				09/08/08 22:46
Radium 226	3E-07	pCi/L							U
Sample ID: C08080492-005AMS	Sample Matrix Spike				Run: BERTHOLD 770_080902A				09/08/08 22:46
Radium 226	0.00034	uCi/kg		114	70	130			
Sample ID: C08080624-002ADUP	Sample Duplicate				Run: BERTHOLD 770_080902A				09/09/08 00:27
Radium 226	1.0E-05	uCi/kg					7.3	97.6	
Method: E907.0									Batch: 19597
Sample ID: C08080492-006AMS	Sample Matrix Spike				Run: EGG-ORTEC_080905D				09/05/08 16:15
Thorium 230	0.00022	uCi/kg	7.9E-07	96	70	130			
Sample ID: C08080492-006AMSD	Sample Matrix Spike Duplicate				Run: EGG-ORTEC_080905D				09/05/08 16:15
Thorium 230	0.00020	uCi/kg	7.9E-07	97	70	130	9.3	30	
Sample ID: LCS-19597	Laboratory Control Sample				Run: EGG-ORTEC_080905D				09/05/08 16:15
Thorium 230	9.5E-05	uCi/kg	4.0E-07	102	70	130			
Sample ID: MB-19597	Method Blank				Run: EGG-ORTEC_080905D				09/05/08 16:15
Thorium 230	1E-06	uCi/kg							
Method: E909.0M									Batch: 19597
Sample ID: C08080492-002AMS	Sample Matrix Spike				Run: PACKARD 3100TR_080904C				09/04/08 09:45
Lead 210	0.0090	uCi/kg		115	70	130			
Sample ID: C08080492-002AMSD	Sample Matrix Spike Duplicate				Run: PACKARD 3100TR_080904C				09/04/08 09:45
Lead 210	0.0078	uCi/kg		96	70	130	14	30	
Sample ID: MB-R107765	Method Blank				Run: PACKARD 3100TR_080904C				09/04/08 09:45
Lead 210	4E-06	uCi/kg							U
Sample ID: LCS-R107765	Laboratory Control Sample				Run: PACKARD 3100TR_080904C				09/04/08 09:45
Lead 210	0.00010	uCi/kg		90	70	130			
Method: RMO-3008									Batch: 19597
Sample ID: LCS-19597	Laboratory Control Sample				Run: EGG-ORTEC_080904B				09/04/08 19:15
Polonium 210	6.7E-05	uCi/kg	1.0E-06	78	70	130			
Sample ID: MB-19597	Method Blank				Run: EGG-ORTEC_080904B				09/04/08 19:15
Polonium 210	1E-07	uCi/kg	1E-06						U

Qualifiers:

RL - Analyte reporting limit.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

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QA/QC Summary Report

Client: AATA International Inc
Project: Lost Creek 301

Report Date: 10/09/08
Work Order: C08080492

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RMO-3008									Batch: R107637
Sample ID: C08080827-001FMS	Sample Matrix Spike				Run: EGG-ORTEC_080904B				09/04/08 19:15
Polonium 210	55	pCi/L	1.0	127	70	130			
Sample ID: C08080827-001FMSD	Sample Matrix Spike Duplicate				Run: EGG-ORTEC_080904B				09/04/08 19:15
Polonium 210	54	pCi/L	1.0	125	70	130	1.8	30	
Sample ID: LCS-19540	Laboratory Control Sample				Run: EGG-ORTEC_080904B				09/04/08 19:15
Polonium 210	100	pCi/L	1.0	121	70	130			
Sample ID: MB-19540	Method Blank				Run: EGG-ORTEC_080904B				09/04/08 19:15
Polonium 210	3	pCi/L							
Method: SW6020									Batch: 19576
Sample ID: MB-19576	Method Blank				Run: ICPMS4-C_080827A				08/27/08 20:33
Uranium	ND	mg/kg-dry	0.003						
Sample ID: LCS1-19576	Laboratory Control Sample				Run: ICPMS4-C_080827A				08/27/08 20:40
Uranium	135	mg/kg-dry	0.50	131	91	133			
Sample ID: C08080981-002AMS3	Sample Matrix Spike				Run: ICPMS4-C_080827A				08/28/08 00:09
Uranium	19.4	mg/kg-dry	0.50	116	75	125			
Sample ID: C08080981-002AMSD3	Sample Matrix Spike Duplicate				Run: ICPMS4-C_080827A				08/28/08 00:16
Uranium	20.7	mg/kg-dry	0.50	126	75	125	6.3	20	S

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

PLEASE PRINT- Provide as much information as possible.

Company Name: ARA Int'l	Project Name, PWS, Permit, Etc.: Lost Creek 301	Sample Origin State: WY	EPA/State Compliance: Yes ☑ No ☐
Report Mail Address: 300 E. Boardwalk Ste 4A Ft. Collins Co 80525	Contact Name: Duncan Eccleston Phone/Fax: 970-223-1333 Email: duncan.eccleston@arta.com		Sampler: (Please Print) DTE
Invoice Address: 2240 Blake St. Ste 210, Denver, Co 80205	Invoice Contact & Phone: Carol Collins 720-974-2550	Purchase Order: 301-805	Quote/Bottle Order: C2889

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

- ☐ DW
- ☐ GSA
- ☐ POTW/WWTP
- ☐ State: _____
- ☐ Other: _____
- ☐ A2LA
- ☐ EDD/EDT (Electronic Data) Format: _____
- ☐ LEVEL IV
- ☐ NELAC

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments: C08080492

Shipped by: DTE ups APS Grnd

Cooler ID(s): N/A BOX

Receipt Temp: 26 °C

On Ice: Yes (No)

Custody Seal (Y) N

Intact (Y) N

Signature Match (Y) N

ANALYSIS REQUESTED

SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX (Number of Containers; Sample Type: A W S V B O; Air Water Soils/Solids Vegetation Bioassay Other)	NRC 4.14 permits	SEE ATTACHED	Normal Turnaround (TAT)	RUSH
1 LC-A	7/17/08	12:00	Veg	↓		✓	
2 LC-B	↓	14:00	↓	↓		✓	
3 LC-C	↓	16:00	↓	↓		✓	
4							
5							
6							
7							
8							
9							
10							

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print): Duncan Eccleston	Date/Time: 8/11/08	Signature:	Received by (print):
Relinquished by (print):	Date/Time:	Signature:	Received by (print):
Sample Disposal: Return to Client: _____	Lab Disposal: ✓		Received by Laboratory:

Received by (print): Date/Time: 8-12-08 9:20 Signature: [illegible]

Received by (print): Date/Time: Signature:

Received by Laboratory: Date/Time: Signature:

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report. Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

Page 1 of 1

PLEASE PRINT- Provide as much information as possible.

Company Name: NATA Int'l	Project Name, PWS, Permit, Etc.: Lost Creek 301	Sample Origin State: WY	EPA/State Compliance: Yes ☑ No ☐
Report Mail Address: 300 E Boardwalk Ste 4A Ft. Collins Co 80525	Contact Name: Duncan Eccleston Phone/Fax: 970-223-1333 Email: duncan.eccleston@aate.com		Sampler: (Please Print) DTE
Invoice Address: 2240 Blake St. Ste 210, Denver Co 80205	Invoice Contact & Phone: Carol Collins 720-974-2550	Purchase Order: 301-805	Quote/Bottle Order: C2889

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

- ☐ DW
- ☐ GSA
- ☐ POTW/WWTP
- ☐ State: _____
- ☐ Other: _____
- ☐ A2LA
- ☐ EDD/EDT (Electronic Data) Format: _____
- ☐ LEVEL IV
- ☐ NELAC

Number of Containers
Sample Type: A W S V B O
Air Water Soils/Solids
Vegetation Bioassay Other

ANALYSIS REQUESTED

SEE ATTACHED

Normal Turnaround (TAT)

RUSH

Contact ELI prior to **RUSH** sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: DTE UPS ARS Grnd

Cooler ID(s): N/A BOX

Receipt Temp: 26 °C

On Ice: Yes (No)

Custody Seal (Y) N
Intact (Y) N
Signature Match (Y) N

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX	NRC 4-14 pwmdx									SEE ATTACHED	Normal Turnaround (TAT)	RUSH	Comments
1	LC-A	8/4	11:00	Veg	↓										✓		
2	LC-B	↓	13:00	↓	↓										✓		C08080492
3	LC-C	↓	15:00	↓	↓										✓		
4																	
5																	
6																	
7																	
8																	
9																	
10																	

LABORATORY USE ONLY

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Duncan Eccleston	8/11/08	[signature]		8-12-08 9:20	[signature]
Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
			Received by Laboratory:	Date/Time:	Signature:

Sample Disposal: Return to Client: _____ Lab Disposal: _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested.
This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Energy Laboratories Inc
Workorder Receipt Checklist

C08080492

AATA International Inc

Login completed by: Kimberly Humiston

Reviewed by:

Reviewed Date:

Date and Time Received: 8/12/2008 9:20 AM

Received by: kh

Carrier name: Ground

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature:	26°C		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Contact and Corrective Action Comments:

None

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CLIENT: AATA International Inc
Project: Lost Creek 301
Sample Delivery Group: C08080492

Date: 09-Oct-08

CASE NARRATIVE

The following Case Narrative contains exceptions or comments pertaining to the analysis of samples submitted by AATA International Inc on 8/12/2008 09:20:00. These samples were assigned ELI Workorder Number C08080492.

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505
Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTFICATIONS:
USEPA: WY00002; FL-DOH NELAC: E87641; Arizona: AZ0699; California: 02118CA
Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:
The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

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ANALYTICAL SUMMARY REPORT

October 20, 2008

AATA International Inc
300 E Boardwalk Dr STE 4A
Fort Collins, CO 80525

Workorder No.: C08090017 Quote ID: C2889 - 301 UR Energy

Project Name: URE-LC

Energy Laboratories, Inc. received the following 3 samples from AATA International Inc on 9/2/2008 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C08090017-001	LC-A	08/20/08 13:00	09/02/08	Vegetation	Metals by ICP/ICPMS, Total Digestion, Radiochemistry Digestion, Total Metals for Core Samples Lead 210 Polonium 210 Radium 226 Thorium, Isotopic
C08090017-002	LC-B	08/20/08 15:00	09/02/08	Vegetation	Same As Above
C08090017-003	LC-C	08/20/08 17:00	09/02/08	Vegetation	Same As Above

As appropriate, any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these tests results, please call.

Report Approved By: STEVE CARLSTON

ENERGY LABORATORIES

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LABORATORY ANALYTICAL REPORT

Client: AATA International Inc
Project: URE-LC
Lab ID: C08090017-001
Client Sample ID: LC-A

Report Date: 10/20/08
Collection Date: 08/20/08 13:00
DateReceived: 09/02/08
Matrix: Vegetation

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.11	mg/kg-dry		0.01		SW6020	09/10/08 05:54 / sml
Uranium, Activity	8.0E-05	uCi/kg-dry		7.0E-06		SW6020	09/10/08 05:54 / sml
RADIONUCLIDES - TOTAL							
Lead 210	6.9E-04	uCi/kg				E909.0M	09/24/08 09:01 / dm
Lead 210 precision (±)	6.4E-05	uCi/kg				E909.0M	09/24/08 09:01 / dm
Lead 210 MDC	9.1E-05	uCi/kg				E909.0M	09/24/08 09:01 / dm
Polonium 210	1.0E-04	uCi/kg		2.6E-06		RMO-3008	10/01/08 08:45 / plj
Polonium 210 precision (±)	2.7E-05	uCi/kg				RMO-3008	10/01/08 08:45 / plj
Radium 226	1.5E-04	uCi/kg				E903.0	10/09/08 14:32 / trs
Radium 226 precision (±)	1.3E-05	uCi/kg				E903.0	10/09/08 14:32 / trs
Radium 226 MDC	4.6E-06	uCi/kg				E903.0	10/09/08 14:32 / trs
Thorium 230	2.8E-05	uCi/kg		5.1E-07		E907.0	10/06/08 13:38 / dmf
Thorium 230 precision (±)	5.6E-06	uCi/kg				E907.0	10/06/08 13:38 / dmf

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: AATA International Inc
Project: URE-LC
Lab ID: C08090017-002
Client Sample ID: LC-B

Report Date: 10/20/08
Collection Date: 08/20/08 15:00
DateReceived: 09/02/08
Matrix: Vegetation

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.06	mg/kg-dry		0.01		SW6020	09/10/08 06:01 / sml
Uranium, Activity	4.0E-05	uCi/kg-dry		7.0E-06		SW6020	09/10/08 06:01 / sml
RADIONUCLIDES - TOTAL							
Lead 210	1.0E-03	uCi/kg				E909.0M	09/24/08 09:01 / dm
Lead 210 precision (±)	8.9E-05	uCi/kg				E909.0M	09/24/08 09:01 / dm
Lead 210 MDC	1.2E-04	uCi/kg				E909.0M	09/24/08 09:01 / dm
Polonium 210	8.0E-05	uCi/kg		3.5E-06		RMO-3008	10/01/08 08:45 / plj
Polonium 210 precision (±)	2.6E-05	uCi/kg				RMO-3008	10/01/08 08:45 / plj
Radium 226	1.6E-04	uCi/kg				E903.0	10/09/08 14:32 / trs
Radium 226 precision (±)	1.6E-05	uCi/kg				E903.0	10/09/08 14:32 / trs
Radium 226 MDC	6.3E-06	uCi/kg				E903.0	10/09/08 14:32 / trs
Thorium 230	3.4E-05	uCi/kg		7.0E-07		E907.0	10/06/08 13:38 / dmf
Thorium 230 precision (±)	8.3E-06	uCi/kg				E907.0	10/06/08 13:38 / dmf

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: AATA International Inc
Project: URE-LC
Lab ID: C08090017-003
Client Sample ID: LC-C

Report Date: 10/20/08
Collection Date: 08/20/08 17:00
DateReceived: 09/02/08
Matrix: Vegetation

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Uranium	0.08	mg/kg-dry		0.01		SW6020	09/10/08 06:07 / sml
Uranium, Activity	5.0E-05	uCi/kg-dry		7.0E-06		SW6020	09/10/08 06:07 / sml
RADIONUCLIDES - TOTAL							
Lead 210	7.9E-04	uCi/kg				E909.0M	09/24/08 09:01 / dm
Lead 210 precision (±)	9.2E-05	uCi/kg				E909.0M	09/24/08 09:01 / dm
Lead 210 MDC	1.3E-04	uCi/kg				E909.0M	09/24/08 09:01 / dm
Polonium 210	9.7E-05	uCi/kg		3.8E-06		RMO-3008	10/01/08 08:45 / plj
Polonium 210 precision (±)	3.0E-05	uCi/kg				RMO-3008	10/01/08 08:45 / plj
Radium 226	1.3E-04	uCi/kg				E903.0	10/09/08 14:32 / trs
Radium 226 precision (±)	1.6E-05	uCi/kg				E903.0	10/09/08 14:32 / trs
Radium 226 MDC	7.5E-06	uCi/kg				E903.0	10/09/08 14:32 / trs
Thorium 230	1.9E-05	uCi/kg		7.6E-07		E907.0	10/06/08 13:38 / dmf
Thorium 230 precision (±)	5.6E-06	uCi/kg				E907.0	10/06/08 13:38 / dmf

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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QA/QC Summary Report

Client: AATA International Inc
Project: URE-LC

Report Date: 10/20/08
Work Order: C08090017

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0									Batch: R109081
Sample ID: C08090263-001FMS	Sample Matrix Spike				Run: BERTHOLD 770_081003D				10/09/08 14:32
Radium 226	180	pCi/L		114	70	130			
Sample ID: C08090263-001FMSD	Sample Matrix Spike Duplicate				Run: BERTHOLD 770_081003D				10/09/08 14:32
Radium 226	180	pCi/L		118	70	130	3.6	24.2	
Sample ID: LCS-19814	Laboratory Control Sample				Run: BERTHOLD 770_081003D				10/09/08 18:31
Radium 226	18	pCi/L		114	70	130			
Sample ID: MB-19814	Method Blank				Run: BERTHOLD 770_081003D				10/09/08 18:31
Radium 226	0.1	pCi/L							U
Method: E907.0									Batch: R109319
Sample ID: C08090263-002FMS	Sample Matrix Spike				Run: EGG-ORTEC_080929D				10/07/08 17:03
Thorium 230	84	pCi/L	0.20	85	70	130			
Sample ID: C08090263-002FMSD	Sample Matrix Spike Duplicate				Run: EGG-ORTEC_080929D				10/07/08 17:03
Thorium 230	90	pCi/L	0.20	98	70	130	7.6	40.3	
Sample ID: LCS-19814	Laboratory Control Sample				Run: EGG-ORTEC_080929D				10/08/08 08:37
Thorium 230	43	pCi/L	0.20	89	70	130			
Sample ID: MB-19814	Method Blank				Run: EGG-ORTEC_080929D				10/08/08 08:37
Thorium 230	0.06	pCi/L							U
Method: E909.0M									Batch: 19797
Sample ID: C08090017-003AMS	Sample Matrix Spike				Run: PACKARD 3100TR_080924B				09/24/08 09:01
Lead 210	0.0046	uCi/kg		87	70	130			
Sample ID: C08090017-003AMSD	Sample Matrix Spike Duplicate				Run: PACKARD 3100TR_080924B				09/24/08 09:01
Lead 210	0.0060	uCi/kg		118	70	130	26	30	
Sample ID: MB-R108856	Method Blank				Run: PACKARD 3100TR_080924B				09/24/08 09:01
Lead 210	2E-06	uCi/kg							U
Sample ID: LCS-R108856	Laboratory Control Sample				Run: PACKARD 3100TR_080924B				09/24/08 09:01
Lead 210	0.00011	uCi/kg		93	70	130			

Qualifiers:

RL - Analyte reporting limit.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

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QA/QC Summary Report

Client: AATA International Inc
Project: URE-LC

Report Date: 10/20/08
Work Order: C08090017

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RMO-3008									Batch: R108821
Sample ID: C08090354-002FMS	Sample Matrix Spike				Run: EGG-ORTEC_080925A				10/01/08 12:15
Polonium 210	120	pCi/L	1.0	60	70	130			S
- Spike response is outside of the acceptance range for this analysis. Since the LCS and the RPD for the MS MSD pair are acceptable, the response is considered to be matrix related. The batch is approved.									
Sample ID: C08090354-002FMSD	Sample Matrix Spike Duplicate				Run: EGG-ORTEC_080925A				10/01/08 12:15
Polonium 210	100	pCi/L	1.0	50	70	130	17	52.5	S
- Spike response is outside of the acceptance range for this analysis. Since the LCS and the RPD for the MS MSD pair are acceptable, the response is considered to be matrix related. The batch is approved.									
Sample ID: LCS-19814	Laboratory Control Sample				Run: EGG-ORTEC_080925A				10/01/08 12:15
Polonium 210	82	pCi/L	1.0	99	70	130			
Sample ID: MB-19814	Method Blank				Run: EGG-ORTEC_080925A				10/01/08 12:15
Polonium 210	ND	pCi/L							U
Method: SW6020									Batch: 19721
Sample ID: MB-19721	Method Blank				Run: ICPMS4-C_080909A				09/10/08 04:25
Uranium	0.02	mg/kg-dry	0.0006						
Sample ID: LCS1-19721	Laboratory Control Sample				Run: ICPMS4-C_080909A				09/10/08 04:32
Uranium	122	mg/kg-dry	0.50	118	91	133			
Sample ID: C08090095-040AMS3	Sample Matrix Spike				Run: ICPMS4-C_080909A				09/10/08 07:48
Uranium	19.2	mg/kg-dry	0.50	116	75	125			
Sample ID: C08090095-040AMSD3	Sample Matrix Spike Duplicate				Run: ICPMS4-C_080909A				09/10/08 07:55
Uranium	20.6	mg/kg-dry	0.50	121	75	125	7.5	20	

Qualifiers:

RL - Analyte reporting limit.
S - Spike recovery outside of advisory limits.
ND - Not detected at the reporting limit.
U - Not detected at minimum detectable concentration

ENERGY LABORATORIES

Chain of Custody and Analytical Request Record

Page _____ of _____

PLEASE PRINT- Provide as much information as possible.

Company Name: AATA Int'l	Project Name, PWS, Permit, Etc.: U-E-LC	Sample Origin State: WY	EPA/State Compliance: Yes ☑ No ☐
Report Mail Address: 300 E Boardwalk Ste 4A Ft. Collins, CO 80525	Contact Name: Duncan Eccleston Phone/Fax: 970-223-1333 Email: duncan.eccleston@aatc.com		Sampler: (Please Print) DTE/ETB
Invoice Address: 2240 Blake St. Ste. 200 Denver, CO 80205	Invoice Contact & Phone: Carol Calkins 720-974-2530	Purchase Order:	Quote/Bottle Order: C2889

Special Report/Formats – ELI must be notified prior to sample submittal for the following:

☐ DW ☐ GSA ☐ POTW/WWTP ☐ State: _____ ☐ Other: _____

☐ A2LA ☐ EDD/EDT (Electronic Data) Format: _____ ☐ LEVEL IV ☐ NELAC

RUSH: Contact ELI prior to RUSH sample submittal for charges and scheduling – See Instruction Page

Comments:

Shipped by: DTE
Cooler ID(s): Box
Receipt Temp: 19 °C
On Ice: Yes (No)
Custody Seal (Y) N
Intact C (Y) N
Signature Match (Y) N

ANALYSIS REQUESTED: NRC Veg analysis

SEE ATTACHED

Normal Turnaround (TAT) (20 working days)

	SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX
1	LC-A Aug 20-08	8/20/08	13:00	✓
2	LC-B Aug 20-08	↓	15:00	✓
3	LC-C Aug 20-08	↓	17:00	✓
4				
5				
6				
7				
8				
9				
10				

Number of Containers / Sample Type: A W S V B O / Air Water Soils/Solids Vegetation Bioassay Other

LABORATORY USE ONLY: C0809047

Custody Record MUST be Signed

Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
Duncan Eccleston	8/27/08				
Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
			Received by Laboratory: Ashley Haynes	9-02-08 8:45	

Sample Disposal: Return to Client: _____ Lab Disposal: ✓

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report.
Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

Energy Laboratories Inc
Workorder Receipt Checklist

AATA International Inc

C08090017

Login completed by: Kimberly Humiston

Date and Time Received: 9/2/2008 8:45 AM

Reviewed by:

Received by: ah

Reviewed Date:

Carrier name: Ground

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature:	19°C		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Contact and Corrective Action Comments:

None

ENERGY LABORATORIES, INC. • 2393 Salt Creek Highway (82601) • P.O. Box 3258 • Casper, WY 82602
Toll Free 888.235.0515 • 307.235.0515 • Fax 307.234.1639 • casper@energylab.com • www.energylab.com

CLIENT: AATA International Inc
Project: URE-LC
Sample Delivery Group: C08090017

Date: *20-Oct-08*

CASE NARRATIVE

The following Case Narrative contains exceptions or comments pertaining to the analysis of samples submitted by AATA International Inc on 9/2/2008 08:45:00. These samples were assigned ELI Workorder Number C08090017.

ORIGINAL SAMPLE SUBMITTAL(S)
All original sample submittals have been returned with the data package.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)
Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

GROSS ALPHA ANALYSIS
Method 900.0 for gross alpha and gross beta is intended as a drinking water method for low TDS waters. Data provided by this method for non potable waters should be viewed as inconsistent.

RADON IN AIR ANALYSIS
The desired exposure time is 48 hours (2 days). The time delay in returning the canister to the laboratory for processing should be as short as possible to avoid excessive decay. Maximum recommended delay between end of exposure to beginning of counting should not exceed 8 days.

SOIL/SOLID SAMPLES
All samples reported on an as received basis unless otherwise indicated.

ATRAZINE, SIMAZINE AND PCB ANALYSIS USING EPA 505
Data for Atrazine and Simazine are reported from EPA 525.2, not from EPA 505. Data reported by ELI using EPA method 505 reflects the results for seven individual Aroclors. When the results for all seven are ND (not detected), the sample meets EPA compliance criteria for PCB monitoring.

SUBCONTRACTING ANALYSIS
Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

BRANCH LABORATORY LOCATIONS
eli-b - Energy Laboratories, Inc. - Billings, MT
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD
eli-t - Energy Laboratories, Inc. - College Station, TX

CERTFICATIONS:
USEPA: WY00002; FL-DOH NELAC: E87641; California: 02118CA
Oregon: WY200001; Utah: 3072350515; Virginia: 00057; Washington: C1903

ISO 17025 DISCLAIMER:
The results of this Analytical Report relate only to the items submitted for analysis.

ENERGY LABORATORIES, INC. - CASPER,WY certifies that certain method selections contained in this report meet requirements as set forth by the above accrediting authorities. Some results requested by the client may not be covered under these certifications. All analysis data to be submitted for regulatory enforcement should be certified in the sample state of origin. Please verify ELI's certification coverage by visiting www.energylab.com

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT