



Energy Fuels Resources (USA) Inc.
225 Union Blvd. Suite 600
Lakewood, CO, US, 80228
303 974 2140
www.energyfuels.com

November 20, 2024

VIA PDF AND EXPEDITED DELIVERY

Daniel Czecholinski, Director
Division of Air Quality
Arizona Department of Environmental Quality
Technical Services Unit
1110 West Washington Street
Phoenix, AZ 85007

**Subject: Energy Fuels Resources (USA) Inc. Pinyon Plain Mine 4th Quarter 2024
Voluntary Reporting of Environmental Soil Sampling Air Quality Class II Permit
No. 88788**

Dear Mr. Czecholinski:

Attached please find the voluntary quarterly report of Environmental Soil Sampling Results for the Pinyon Plain Mine for the fourth quarter of 2024. The Environmental Soil Monitoring Results are required by Section II.B.2.b of Attachment D to the Arizona Department of Environmental Quality (“ADEQ”) Air Quality Class II Permit No. 88788 (the “Permit”) for the Pinyon Plain Mine. Attachment D, Section II.B.2.b requires that soil samples be collected within 60 days of Permit issuance and subsequent samples be collected quarterly for one year and annually thereafter. Reporting of soil data is required within 30 days of data receipt.

As required by the permit, the final quarterly soil sampling data was submitted in November 2017 to the ADEQ. Beginning in 2018, soil samples were collected annually. In September 2024, at the request of ADEQ, EFRI voluntarily committed to resuming quarterly soil sampling for the duration of the current permit beginning with the fourth quarter of 2024. For each subsequent quarter, such sampling will be completed and such results reported to ADEQ within 30 days of data receipt.

The soil results are below the trigger levels specified in the Permit. No additional reporting as contemplated in Attachment D, Section II.B.3.c and Section II.B.3.d is required. Also attached is a certification signature as required by VIII of Attachment A to the Permit.



Energy Fuels Resources (USA) Inc.
225 Union Blvd. Suite 600
Lakewood, CO, US, 80228
303 974 2140
www.energyfuels.com

If you have any questions or comments, please do not hesitate to contact me at 303-389-4131.

Yours very truly,

A handwritten signature in black ink that reads 'Jordan C. App'.

ENERGY FUELS RESOURCES (USA) INC.
Jordan C. App
Environmental Scientist

cc: Scott Bakken
Barb Bechstein
Travis Chiotti
Matt Germansen
Chris Greb
Nick Marin
Tyler Martin
Kathy Weinel

ENVIRONMENTAL SOIL MONITORING REPORT

Quarter Four 2024

(October through December)

ENERGY FUELS RESOURCES (USA) INC.



**PINYON PLAIN MINE
6.5 MILES SOUTHEAST OF TUSAYAN
COCONINO COUNTY, ARIZONA**

November 20, 2024

**PREPARED BY:
Energy Fuels Resources (USA) Inc.
225 Union Boulevard, Ste. 600
Lakewood, Colorado 80228**

Contents

1.0 Introduction.....1

2.0 Radiation Monitoring Activities1

 2.1 Voluntary Reporting of Soils Data.....2

3.0 Trigger Levels2

4.0 Analysis of Findings2

5.0 Certification3

Appendices

Appendix A Pinyon Plain Soil Results

Appendix B Pinyon Plain Mine Laboratory Data

FIGURES

Figure 1 Sampling and Monitoring Location Map

Pinyon Plain Mine Air Quality Control Permit No. 88788

1.0 Introduction

The Pinyon Plain Mine (the “Mine”) is an underground uranium mine, operated by Energy Fuels Resources (USA) Inc. (“EFRI”). The Mine is located 6.5 miles southeast of Tusayan in Coconino County, Arizona. The Mine is capable of producing a maximum of 109,500 tons per year of uranium ore. Ore is hauled to the White Mesa Mill (the “Mill”), near Blanding, Utah for processing. No ore processing occurs on site when operating. The site contains a mine shaft, a ventilation shaft, an office building, a head-frame and associated hoist and maintenance building, a septic vault, ore stockpiles (when mining), development rock stockpiles (when mining), topsoil stockpiles, other facilities associated with the mine operation and a lined non-stormwater impoundment. The location of the Mine is shown on Figure 1.

Pursuant to Attachment D, Section II.A of the Arizona Department of Environmental Quality (ADEQ”) Air Quality Control Permit, Number 88788 (the “Permit”), EFRI is required to conduct soil and gamma monitoring at six locations outside of the mine site. The locations are shown on Figure 1. The frequency of monitoring is described in Section 2 below.

This report presents the soil monitoring results for the Mine as required by the Permit and as described below.

2.0 Radiation Monitoring Activities

Pursuant to the current Permit, approved on October 13, 2016, soil and passive gamma monitoring is required to be conducted in accordance with the ADEQ-approved standard Operating Procedures (“SOPs”) included as Appendices 2 and 3 to the Permit. Attachment D, Section II.B.1.b requires that Optically Stimulated Luminescence (“OSL”) monitors for passive gamma be collected on a calendar quarter basis. Attachment D, Section II.B.2.b requires that soil samples be collected within 60 days of Permit issuance and subsequent samples be collected quarterly for one year and annually thereafter. Reporting of both soil and gamma data is required within 30 days of data receipt. Pursuant to the Permit, 5 quarterly soil samples were collected from fourth quarter 2016 through fourth quarter 2017. Soil sampling was conducted annually starting in 2018.

Gamma data will be reported under separate cover within 30 days of data receipt in accordance with the Permit requirements.

2.1 Voluntary Reporting of Soils Data

In September 2024, at the request of ADEQ, EFRI voluntarily committed to resuming quarterly soil sampling for the duration of the current permit beginning with the fourth quarter of 2024. For each subsequent quarter, such sampling will be completed and such results reported to ADEQ within 30 days of data receipt.

3.0 Trigger Levels

Attachment D, Section II.B.3.c specifies Initial Action Trigger Levels (“trigger level”) for uranium and radium-226 in soil and passive gamma results. The ADEQ-approved trigger levels were developed as described in the ADEQ Technical Review and Evaluation of Application for Air Quality Significant Revision and in the report entitled *Development of the Proposed Trigger Levels for Energy Fuel’s Arizona Mines*.

The trigger level for uranium and radium-226 in soil are 60 mg/kg and 20 pCi/g respectively. The soil results reported herein will be compared to this trigger level.

4.0 Analysis of Findings

Soil and duplicate results for the period are included in Appendix A.

The soil results are below the trigger levels specified in the Permit. No additional reporting as contemplated in Attachment D, Section II.B.3.c and Section II.B.3.d is required.

5.0 Certification

**ENERGY FUELS RESOURCES (USA) INC.
PINYON PLAIN MINE, AIR QUALITY CONTROL PERMIT NUMBER 88788
CERTIFICATION OF TRUTH, ACCURACY AND COMPLETENESS**

Based on information and belief formed after reasonable inquiry, the statements and information in the foregoing document are true, accurate, and complete.

 _____ 

Signature of Responsible Official
Scott Bakken
Vice President, Regulatory Affairs

Date

APPENDIX A
PINYON PLAIN SOIL RESULTS

Summary of Soil Results for Pinyon Plain Mine

| Badge Location | Uranium Trigger Level (mg/kg) | Uranium Results (mg/kg) | Radium-226 Trigger Level (pCi/g) | Radium-226 Results (pCi/g) |
|------------------------------|--------------------------------------|--------------------------------|---|-----------------------------------|
| Fourth Quarter 2016 | | | | |
| Pinyon Plain South (66) | 60 | 1.02 | 20 | 1 ± 0.23 |
| Pinyon Plain West (67) | | 0.96 | | 1.1 ± 0.23 |
| Pinon Plain North (68) | | 0.65 | | 0.91 ± 0.25 |
| Pinyon Plain East (69) | | 0.57 | | 0.54 ± 0.16 |
| Duplicate (70) of East (69) | | 0.59 | | 0.88 ± 0.22 |
| First Quarter 2017 | | | | |
| Duplicate (65) of East (69) | 60 | 0.67 | 20 | 0.64 ± 0.19 |
| Pinyon Plain South (66) | | 0.75 | | 0.81 ± 0.19 |
| Pinyon Plain West (67) | | 0.93 | | 1.5 ± 0.27 |
| Pinon Plain North (68) | | 0.60 | | 1 ± 0.25 |
| Pinyon Plain East (69) | | 0.60 | | 0.41 ± 0.2 |
| Second Quarter 2017 | | | | |
| Duplicate (65) of South (66) | 60 | 1.66 | 20 | 2 ± 0.26 |
| Pinyon Plain South (66) | | 1.78 | | 1.3 ± 0.26 |
| Pinyon Plain West (67) | | 0.97 | | 1.2 ± 0.29 |
| Pinon Plain North (68) | | 0.64 | | 1.4 ± 0.3 |
| Pinyon Plain East (69) | | 0.58 | | 0.61 ± 0.27 |
| Third Quarter 2017 | | | | |
| Duplicate (65) of South (66) | 60 | 0.74 | 20 | 0.31 ± 0.14 |
| Pinyon Plain South (66) | | 0.81 | | 1 ± 0.2 |
| Pinyon Plain West (67) | | 0.84 | | 1 ± 0.2 |
| Pinon Plain North (68) | | 0.57 | | 0.8 ± 0.19 |
| Pinyon Plain East (69) | | 0.57 | | 0.3 ± 0.2 |
| Fourth Quarter 2017 | | | | |
| Duplicate (65) of South (66) | 60 | 0.81 | 20 | 0.77 ± 0.17 |
| Pinyon Plain South (66) | | 1.07 | | 0.87 ± 0.18 |
| Pinyon Plain West (67) | | 0.85 | | 1.2 ± 0.23 |
| Pinon Plain North (68) | | 0.58 | | 0.75 ± 0.22 |
| Pinyon Plain East (69) | | 0.54 | | 0.63 ± 0.18 |
| Annual 2018 | | | | |
| Duplicate (65) of North (68) | 60 | 0.59 | 20 | 1.2 ± 0.35 |
| Pinyon Plain South (66) | | 0.72 | | 0.74 ± 0.24 |
| Pinyon Plain West (67) | | 0.84 | | 1.1 ± 0.28 |
| Pinon Plain North (68) | | 0.54 | | 0.91 ± 0.2 |
| Pinyon Plain East (69) | | 0.52 | | 0.71 ± 0.19 |
| Annual 2019 | | | | |
| Duplicate of North (68) | 60 | 0.69 | 20 | 1.4 ± 0.31 |
| Pinyon Plain South (66) | | 0.70 | | 0.83 ± 0.17 |
| Pinyon Plain West (67) | | 0.89 | | 1.4 ± 0.27 |
| Pinon Plain North (68) | | 0.63 | | 1 ± 0.22 |
| Pinyon Plain East (69) | | 0.55 | | 1.1 ± 0.21 |
| Annual 2020 | | | | |
| Duplicate of West (67) | 60 | 0.86 | 20 | 1.4 ± 0.22 |
| Pinyon Plain South (66) | | 0.67 | | 1 ± 0.18 |
| Pinyon Plain West (67) | | 0.89 | | 1.2 ± 0.21 |
| Pinon Plain North (68) | | 0.64 | | 1.1 ± 0.25 |
| Pinyon Plain East (69) | | 0.55 | | 1 ± 0.23 |

Summary of Soil Results for Pinyon Plain Mine

| Badge Location | Uranium Trigger Level (mg/kg) | Uranium Results (mg/kg) | Radium-226 Trigger Level (pCi/g) | Radium-226 Results (pCi/g) |
|-------------------------------|--------------------------------------|--------------------------------|---|-----------------------------------|
| Annual 2021 | | | | |
| Duplicate of South (66) | 60 | 0.755 | 20 | 0.43 ± 0.14 |
| Pinyon Plain South (66) | | 0.801 | | 0.82 ± 0.17 |
| Pinyon Plain West (67) | | 0.937 | | 0.94 ± 0.19 |
| Pinon Plain North (68) | | 0.657 | | 0.92 ± 0.24 |
| Pinyon Plain East (69) | | 0.593 | | 0.52 ± 0.2 |
| Pinyon Plain Southwest (114) | | 0.849 | | 1.2 ± 0.24 |
| Pinyon Plain Southeast (115) | | 0.472 | | 0.25 ± 0.17 |
| Annual 2022 | | | | |
| Duplicate of East (69) | 60 | 0.571 | 20 | 0.57 ± 0.21 |
| Pinyon Plain South (66) | | 0.939 | | 0.43 ± 0.2 |
| Pinyon Plain West (67) | | 0.937 | | 0.91 ± 0.24 |
| Pinon Plain North (68) | | 0.637 | | 0.78 ± 0.22 |
| Pinyon Plain East (69) | | 0.577 | | 0.51 ± 0.26 |
| Pinyon Plain Southwest (114) | | 0.937 | | 1.1 ± 0.24 |
| Pinyon Plain Southeast (115) | | 0.608 | | 0.65 ± 0.19 |
| Annual 2023 | | | | |
| Pinyon Plain South (66) | 60 | 0.992 | 20 | 0.4 ± 0.15 |
| Pinyon Plain West (67) | | 0.972 | | 0.87 ± 0.24 |
| Pinon Plain North (68) | | 0.593 | | 0.62 ± 0.19 |
| Pinyon Plain East (69) | | 0.581 | | 0.38 ± 0.15 |
| Pinyon Plain Southwest (114) | | 0.747 | | 0.98 ± 0.18 |
| Pinyon Plain Southeast (115) | | 0.505 | | 0.32 ± 0.2 |
| Duplicate of Southeast (1115) | | 0.527 | | 0.8 ± 0.19 |
| Annual 2024 | | | | |
| Pinyon Plain South (66) | 60 | 0.998 | 20 | 0.71 ± 0.14 |
| Pinyon Plain West (67) | | 0.938 | | 0.92 ± 0.15 |
| Pinon Plain North (68) | | 0.631 | | 0.98 ± 0.19 |
| Pinyon Plain East (69) | | 1.050 | | 0.72 ± 0.15 |
| Pinyon Plain Southwest (114) | | 0.765 | | 1.4 ± 0.2 |
| Pinyon Plain Southeast (115) | | 0.868 | | 0.72 ± 0.15 |
| Fourth Quarter 2024* | | | | |
| Pinyon Plain South (66) | 60 | 1.160 | 20 | 0.32 ± 1.2 |
| Pinyon Plain West (67) | | 1.040 | | 1 ± 0.26 |
| Pinon Plain North (68) | | 0.670 | | 0.85 ± 0.22 |
| Pinyon Plain East (69) | | 1.190 | | 0.62 ± 0.23 |
| Pinyon Plain Southwest (114) | | 1.220 | | 0.78 ± 0.25 |
| Pinyon Plain Southeast (115) | | 0.805 | | 0.37 ± 0.21 |
| Duplicate of Southeast (2115) | | 1.110 | | 0.61 ± 0.25 |

*Quarterly Monitoring resumed at the request of ADEQ

APPENDIX B

PINYON PLAIN LABORATORY DATA

Energy Fuels Resources (USA) Inc.
 Project ID:
 Sample ID: PP #66

ACZ Sample ID: **L91003-04**
 Date Sampled: 10/09/24 11:07
 Date Received: 10/17/24
 Sample Matrix: Soil

Metals Analysis

| Parameter | EPA Method | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-----------------------|------------|----------|--------|------|----|-------|-------|-------|----------------|---------|
| Uranium, total (3050) | EPA 6020B | 510 | 1.16 | | * | mg/Kg | 0.051 | 0.255 | 11/05/24 12:56 | gjl |

Soil Analysis

| Parameter | EPA Method | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-----------------|------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Solids, Percent | D2216-80 | 1 | 98.7 | | * | % | 0.1 | 0.5 | 10/24/24 21:08 | bat2 |

Soil Preparation

| Parameter | EPA Method | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-------------------------|-------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Air Dry at 34 Degrees C | USDA No. 1, 1972 | | | | * | | | | 10/24/24 8:35 | jsa |
| Digestion - Hot Plate | EPA 3050B | | | | * | | | | 10/30/24 14:42 | rsh |
| Sieve-2000 um (2.0mm) | ASA No.9 15-4.2.2 | | | | * | | | | 10/29/24 11:10 | jsa |

Arizona license number: AZ0102

Energy Fuels Resources (USA) Inc.

Project ID:

Sample ID: PP #66

Locator:

ACZ Sample ID: **L91003-04**

Date Sampled: 10/09/24 11:07

Date Received: 10/17/24

Sample Matrix: Soil

Radium 226 (3050)

Prep Method:

EPA 903.1

| Parameter | Measure Date | Prep Date | Result | Error(+/-) | LLD | Units | XQ | Analyst |
|-------------------|---------------|-----------|--------|------------|-----|-------|----|---------|
| Radium 226 (3050) | 11/12/24 0:00 | | 1 | 0.32 | 1.2 | pCi/g | * | ang |

Arizona license number: AZ0102

Energy Fuels Resources (USA) Inc.
 Project ID:
 Sample ID: PP #67

ACZ Sample ID: **L91003-03**
 Date Sampled: 10/09/24 11:46
 Date Received: 10/17/24
 Sample Matrix: Soil

Metals Analysis

| Parameter | EPA Method | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-----------------------|------------|----------|--------|------|----|-------|--------|-------|----------------|---------|
| Uranium, total (3050) | EPA 6020B | 505 | 1.04 | | * | mg/Kg | 0.0505 | 0.253 | 11/05/24 12:54 | gjl |

Soil Analysis

| Parameter | EPA Method | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-----------------|------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Solids, Percent | D2216-80 | 1 | 96.9 | | * | % | 0.1 | 0.5 | 10/24/24 19:56 | bat2 |

Soil Preparation

| Parameter | EPA Method | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-------------------------|-------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Air Dry at 34 Degrees C | USDA No. 1, 1972 | | | | * | | | | 10/24/24 8:33 | jsa |
| Digestion - Hot Plate | EPA 3050B | | | | * | | | | 10/30/24 14:26 | rsh |
| Sieve-2000 um (2.0mm) | ASA No.9 15-4.2.2 | | | | * | | | | 10/29/24 11:06 | jsa |

Arizona license number: AZ0102

Energy Fuels Resources (USA) Inc.

Project ID:

Sample ID: PP #67

Locator:

ACZ Sample ID: **L91003-03**

Date Sampled: 10/09/24 11:46

Date Received: 10/17/24

Sample Matrix: Soil

Radium 226 (3050)

Prep Method:

EPA 903.1

| Parameter | Measure Date | Prep Date | Result | Error(+/-) | LLD | Units | XQ | Analyst |
|-------------------|---------------|-----------|--------|------------|-----|-------|----|---------|
| Radium 226 (3050) | 11/12/24 0:00 | | 1 | 0.26 | 1.2 | pCi/g | * | ang |

Arizona license number: AZ0102

Energy Fuels Resources (USA) Inc.

Project ID:

Sample ID: PP #68

ACZ Sample ID: **L91003-02**

Date Sampled: 10/09/24 12:05

Date Received: 10/17/24

Sample Matrix: Soil

Metals Analysis

| Parameter | EPA Method | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-----------------------|------------|----------|--------|------|----|-------|--------|-------|----------------|---------|
| Uranium, total (3050) | EPA 6020B | 505 | 0.670 | | * | mg/Kg | 0.0505 | 0.253 | 11/05/24 12:51 | gil |

Soil Analysis

| Parameter | EPA Method | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-----------------|------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Solids, Percent | D2216-80 | 1 | 98.4 | | * | % | 0.1 | 0.5 | 10/24/24 18:44 | bat2 |

Soil Preparation

| Parameter | EPA Method | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-------------------------|-------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Air Dry at 34 Degrees C | USDA No. 1, 1972 | | | | * | | | | 10/24/24 8:31 | jsa |
| Digestion - Hot Plate | EPA 3050B | | | | * | | | | 10/30/24 14:11 | rsh |
| Sieve-2000 um (2.0mm) | ASA No.9 15-4.2.2 | | | | * | | | | 10/29/24 11:03 | jsa |

Arizona license number: **AZ0102**

Energy Fuels Resources (USA) Inc.

Project ID:

Sample ID: PP #68

Locator:

ACZ Sample ID: **L91003-02**

Date Sampled: 10/09/24 12:05

Date Received: 10/17/24

Sample Matrix: *Soil*

Radium 226 (3050)

Prep Method:

EPA 903.1

| Parameter | Measure Date | Prep Date | Result | Error(+/-) | LLD | Units | XQ | Analyst |
|-------------------|---------------|-----------|--------|------------|-----|-------|----|---------|
| Radium 226 (3050) | 11/12/24 0:00 | | 0.85 | 0.22 | 1.4 | pCi/g | * | ang |

Arizona license number: AZ0102

Energy Fuels Resources (USA) Inc.

Project ID:
 Sample ID: PP #69

ACZ Sample ID: **L91003-01**
 Date Sampled: 10/09/24 12:24
 Date Received: 10/17/24
 Sample Matrix: Soil

Metals Analysis

| Parameter | EPA Method | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-----------------------|------------|----------|--------|------|----|-------|--------|-------|----------------|---------|
| Uranium, total (3050) | EPA 6020B | 505 | 1.19 | | * | mg/Kg | 0.0505 | 0.253 | 11/05/24 12:49 | gjl |

Soil Analysis

| Parameter | EPA Method | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-----------------|------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Solids, Percent | D2216-80 | 1 | 98.4 | | * | % | 0.1 | 0.5 | 10/24/24 16:19 | bat2 |

Soil Preparation

| Parameter | EPA Method | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-------------------------|-------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Air Dry at 34 Degrees C | USDA No. 1, 1972 | | | | * | | | | 10/24/24 8:30 | jsa |
| Digestion - Hot Plate | EPA 3050B | | | | * | | | | 10/30/24 13:55 | rsh |
| Sieve-2000 um (2.0mm) | ASA No.9 15-4.2.2 | | | | * | | | | 10/29/24 11:00 | jsa |

Arizona license number: AZ0102

Energy Fuels Resources (USA) Inc.

Project ID:

Sample ID: PP #69

Locator:

ACZ Sample ID: **L91003-01**

Date Sampled: 10/09/24 12:24

Date Received: 10/17/24

Sample Matrix: Soil

Radium 226 (3050)

Prep Method:

EPA 903.1

| Parameter | Measure Date | Prep Date | Result | Error(+/-) | LLD | Units | XQ | Analyst |
|-------------------|---------------|-----------|--------|------------|------|-------|----|---------|
| Radium 226 (3050) | 11/12/24 0:00 | | 0.62 | 0.23 | 0.91 | pCi/g | * | ang |

Arizona license number: AZ0102

Energy Fuels Resources (USA) Inc.

Project ID:

Sample ID: PP #114

ACZ Sample ID: **L91003-05**

Date Sampled: 10/09/24 11:25

Date Received: 10/17/24

Sample Matrix: Soil

Metals Analysis

| Parameter | EPA Method | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-----------------------|------------|----------|--------|------|----|-------|-------|-------|----------------|---------|
| Uranium, total (3050) | EPA 6020B | 510 | 1.22 | | * | mg/Kg | 0.051 | 0.255 | 11/05/24 13:03 | gjl |

Soil Analysis

| Parameter | EPA Method | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-----------------|------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Solids, Percent | D2216-80 | 1 | 95.2 | | * | % | 0.1 | 0.5 | 10/24/24 22:21 | bat2 |

Soil Preparation

| Parameter | EPA Method | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-------------------------|-------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Air Dry at 34 Degrees C | USDA No. 1, 1972 | | | | * | | | | 10/24/24 8:37 | jsa |
| Digestion - Hot Plate | EPA 3050B | | | | * | | | | 10/30/24 14:57 | rsh |
| Sieve-2000 um (2.0mm) | ASA No.9 15-4.2.2 | | | | * | | | | 10/29/24 11:13 | jsa |

Arizona license number: AZ0102

Energy Fuels Resources (USA) Inc.

Project ID:

Sample ID: PP #114

Locator:

ACZ Sample ID: **L91003-05**

Date Sampled: 10/09/24 11:25

Date Received: 10/17/24

Sample Matrix: Soil

Radium 226 (3050)

Prep Method:

EPA 903.1

| Parameter | Measure Date | Prep Date | Result | Error(+/-) | LLD | Units | XQ | Analyst |
|-------------------|---------------|-----------|--------|------------|-----|-------|----|---------|
| Radium 226 (3050) | 11/12/24 0:00 | | 0.78 | 0.25 | 1 | pCi/g | * | ang |

Arizona license number: AZ0102

Energy Fuels Resources (USA) Inc.

Project ID:

Sample ID: PP #115

ACZ Sample ID: **L91003-06**

Date Sampled: 10/09/24 10:40

Date Received: 10/17/24

Sample Matrix: Soil

Metals Analysis

| Parameter | EPA Method | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-----------------------|------------|----------|--------|------|----|-------|------|------|----------------|---------|
| Uranium, total (3050) | EPA 6020B | 500 | 0.805 | | * | mg/Kg | 0.05 | 0.25 | 11/05/24 13:05 | gjl |

Soil Analysis

| Parameter | EPA Method | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-----------------|------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Solids, Percent | D2216-80 | 1 | 98.2 | | * | % | 0.1 | 0.5 | 10/24/24 23:33 | bat2 |

Soil Preparation

| Parameter | EPA Method | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|----------------------------|-------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Air Dry at 34 Degrees C | USDA No. 1, 1972 | | | | * | | | | 10/24/24 8:39 | jsa |
| Digestion - Hot Plate | EPA 3050B | | | | * | | | | 10/30/24 15:13 | rsh |
| Sieve-2000 um (2.0mm) | ASA No.9 15-4.2.2 | | | | * | | | | 10/29/24 11:16 | jsa |

Arizona license number: AZ0102

Energy Fuels Resources (USA) Inc.

Project ID:

Sample ID: PP #115

Locator:

ACZ Sample ID: **L91003-06**

Date Sampled: 10/09/24 10:40

Date Received: 10/17/24

Sample Matrix: Soil

Radium 226 (3050)

Prep Method:

EPA 903.1

| Parameter | Measure Date | Prep Date | Result | Error(+/-) | LLD | Units | XQ | Analyst |
|-------------------|---------------|-----------|--------|------------|-----|-------|----|---------|
| Radium 226 (3050) | 11/12/24 0:00 | | 0.37 | 0.21 | 1.7 | pCi/g | * | ang |

Arizona license number: AZ0102

Energy Fuels Resources (USA) Inc.
 Project ID:
 Sample ID: PP #2115

ACZ Sample ID: **L91003-07**
 Date Sampled: 10/09/24 10:40
 Date Received: 10/17/24
 Sample Matrix: Soil

Metals Analysis

| Parameter | EPA Method | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-----------------------|------------|----------|--------|------|----|-------|------|------|----------------|---------|
| Uranium, total (3050) | EPA 6020B | 500 | 1.11 | | * | mg/Kg | 0.05 | 0.25 | 11/05/24 13:08 | gjl |

Soil Analysis

| Parameter | EPA Method | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-----------------|------------|----------|--------|------|----|-------|-----|-----|---------------|---------|
| Solids, Percent | D2216-80 | 1 | 98.1 | | * | % | 0.1 | 0.5 | 10/25/24 0:45 | bat2 |

Soil Preparation

| Parameter | EPA Method | Dilution | Result | Qual | XQ | Units | MDL | PQL | Date | Analyst |
|-------------------------|-------------------|----------|--------|------|----|-------|-----|-----|----------------|---------|
| Air Dry at 34 Degrees C | USDA No. 1, 1972 | | | | * | | | | 10/24/24 8:41 | jsa |
| Digestion - Hot Plate | EPA 3050B | | | | * | | | | 10/30/24 15:28 | rsh |
| Sieve-2000 um (2.0mm) | ASA No.9 15-4.2.2 | | | | * | | | | 10/29/24 11:20 | jsa |

Arizona license number: AZ0102

Energy Fuels Resources (USA) Inc.

Project ID:

Sample ID: PP #2115

Locator:

ACZ Sample ID: **L91003-07**

Date Sampled: 10/09/24 10:40

Date Received: 10/17/24

Sample Matrix: Soil

Radium 226 (3050)

Prep Method:

EPA 903.1

| Parameter | Measure Date | Prep Date | Result | Error(+/-) | LLD | Units | XQ | Analyst |
|-------------------|---------------|-----------|--------|------------|------|-------|----|---------|
| Radium 226 (3050) | 11/12/24 0:00 | | 0.61 | 0.25 | 0.88 | pCi/g | * | ang |

Arizona license number: AZ0102

November 13, 2024

Report to:

Kathy Weinel
Energy Fuels Resources (USA) Inc.
225 Union Blvd. , Suite 600
Lakewood, CO 80228

Bill to:

Accounts Payable
Energy Fuels Resources (USA) Inc.
225 Union Blvd. , Suite 600
Lakewood, CO 80228

Project ID:

ACZ Project ID: L91003

Kathy Weinel:

Enclosed are the analytical results for sample(s) submitted to ACZ Laboratories, Inc. (ACZ) on October 17, 2024. This project has been assigned to ACZ's project number, L91003. Please reference this number in all future inquiries.

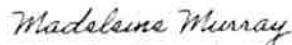
All analyses were performed according to ACZ's Quality Assurance Plan. The enclosed results relate only to the samples received under L91003. Each section of this report has been reviewed and approved by the appropriate Laboratory Supervisor, or a qualified substitute.

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 December 13, 2024. If the samples are determined to be hazardous, additional charges apply for disposal (typically \$11/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 raw data reports for ten years.

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



Madeleine Murray has reviewed
and approved this report.



Report Header Explanations

| | |
|----------------|--|
| <i>Batch</i> | A distinct set of samples analyzed at a specific time |
| <i>Found</i> | Value of the QC Type of interest |
| <i>Limit</i> | Upper limit for RPD, in %. |
| <i>Lower</i> | Lower Recovery Limit, in % (except for LCSS, mg/Kg) |
| <i>MDL</i> | Method Detection Limit. Same as Minimum Reporting Limit unless omitted or equal to the PQL (see comment #5). Allows for instrument and annual fluctuations. |
| <i>PCN/SCN</i> | A number assigned to reagents/standards to trace to the manufacturer's certificate of analysis |
| <i>PQL</i> | Practical Quantitation Limit. Synonymous with the EPA term "minimum level". |
| <i>QC</i> | True Value of the Control Sample or the amount added to the Spike |
| <i>Rec</i> | Recovered amount of the true value or spike added, in % (except for LCSS, mg/Kg) |
| <i>RPD</i> | Relative Percent Difference, calculation used for Duplicate QC Types |
| <i>Upper</i> | Upper Recovery Limit, in % (except for LCSS, mg/Kg) |
| <i>Sample</i> | Value of the Sample of interest |

QC Sample Types

| | | | |
|--------------|--|--------------|--|
| <i>AS</i> | Analytical Spike (Post Digestion) | <i>LCSWD</i> | Laboratory Control Sample - Water Duplicate |
| <i>ASD</i> | Analytical Spike (Post Digestion) Duplicate | <i>LFB</i> | Laboratory Fortified Blank |
| <i>CCB</i> | Continuing Calibration Blank | <i>LFM</i> | Laboratory Fortified Matrix |
| <i>CCV</i> | Continuing Calibration Verification standard | <i>LFMD</i> | Laboratory Fortified Matrix Duplicate |
| <i>DUP</i> | Sample Duplicate | <i>LRB</i> | Laboratory Reagent Blank |
| <i>ICB</i> | Initial Calibration Blank | <i>MS</i> | Matrix Spike |
| <i>ICV</i> | Initial Calibration Verification standard | <i>MSD</i> | Matrix Spike Duplicate |
| <i>ICSAB</i> | Inter-element Correction Standard - A plus B solutions | <i>PBS</i> | Prep Blank - Soil |
| <i>LCSS</i> | Laboratory Control Sample - Soil | <i>PBW</i> | Prep Blank - Water |
| <i>LCSSD</i> | Laboratory Control Sample - Soil Duplicate | <i>PQV</i> | Practical Quantitation Verification standard |
| <i>LCSW</i> | Laboratory Control Sample - Water | <i>SDL</i> | 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. |
| L | Target analyte response was below the laboratory defined negative threshold. |
| 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.
- (4) EPA SW-846. Test Methods for Evaluating Solid Waste.
- (5) Standard Methods for the Examination of Water and Wastewater.

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.
- (4) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.
- (5) If the MDL equals the PQL or the MDL column is omitted, the PQL is the reporting limit.

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

<https://acz.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf>

EFRC

ACZ Project ID: **L91003**

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Solids, Percent

D2216-80

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|------|----------------|---------|----|--------|-------|-------|------|-------|-------|-----|-------|------|
| WG599872 | | | | | | | | | | | | | |
| WG599872PBS | PBS | 10/24/24 11:30 | | | | U | % | | -0.1 | 0.1 | | | |
| L91003-01DUP | DUP | 10/24/24 17:31 | | | 98.4 | 98.5 | % | | | | 0 | 20 | |

Uranium, total (3050)

EPA 6020B

| ACZ ID | Type | Analyzed | PCN/SCN | QC | Sample | Found | Units | Rec% | Lower | Upper | RPD | Limit | Qual |
|-----------------|-------|----------------|------------|-------|--------|-----------|-------|------|---------|--------|-----|-------|------|
| WG600642 | | | | | | | | | | | | | |
| WG600642ICV | ICV | 11/05/24 11:56 | MS241016-2 | .05 | | .05005 | mg/L | 100 | 90 | 110 | | | |
| WG600642ICB | ICB | 11/05/24 11:59 | | | | U | mg/L | | -0.0003 | 0.0003 | | | |
| WG600273PBS | PBS | 11/05/24 12:12 | | | | U | mg/Kg | | -0.15 | 0.15 | | | |
| WG600273LCSS1 | LCSS | 11/05/24 12:15 | PCN627345 | 108 | | 112.16172 | mg/Kg | | 80.6 | 135 | | | |
| WG600273LCSSD1 | LCSSD | 11/05/24 12:17 | PCN627345 | 108 | | 112.25503 | mg/Kg | | 80.6 | 135 | 0 | 20 | |
| L90877-01MS | MS | 11/05/24 12:22 | MS240912-9 | 12.75 | 3.82 | 17.0005 | mg/Kg | 103 | 75 | 125 | | | |
| L90877-01MSD | MSD | 11/05/24 12:24 | MS240912-9 | 12.75 | 3.82 | 17.16165 | mg/Kg | 105 | 75 | 125 | 1 | 20 | |

Energy Fuels Resources (USA) Inc.

ACZ Project ID: **L91003**

| ACZ ID | WORKNUM | PARAMETER | METHOD | QUAL | DESCRIPTION |
|--------|---------|-----------|--------|------|-------------|
|--------|---------|-----------|--------|------|-------------|

No extended qualifiers associated with this analysis

Report Header Explanations

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

QC Sample Types

| | | | |
|-------------|-----------------------------------|---------------|-------------------------------------|
| <i>DUP</i> | Sample Duplicate | <i>MS/MSD</i> | Matrix Spike/Matrix Spike Duplicate |
| <i>LCSS</i> | Laboratory Control Sample - Soil | <i>PBS</i> | Prep Blank - Soil |
| <i>LCSW</i> | Laboratory Control Sample - Water | <i>PBW</i> | 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. |
|---|-------------------------------------|

Method Prefix Reference

| | |
|-----|---|
| M | EPA methodology, including those under SDWA, CWA, and RCRA |
| SM | Standard Methods for the Examination of Water and Wastewater. |
| 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.
- (4) An asterisk in the "XQ" column indicates there is an extended qualifier and/or certification qualifier associated with the result.

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

<https://acz.com/wp-content/uploads/2019/04/Ext-Qual-List.pdf>

ACZ Project ID: **L91003**

EFRC

NOTE: If the Rec% column is null, the high/low limits are in the same units as the result. If the Rec% column is not null, then the high/low limits are in % Rec.

Radium 226 (3050) EPA 903.1

Units: pCi/g

| ACZ ID | Type | Analyzed | PCN/SON | QC | Sample | Error | LLD | Found | Error | LLD | Rec% | Lower | Upper | RPD/RER | Limit | Qual |
|-----------------|---------|----------|-----------|-------|--------|-------|------|-------|-------|------|------|-------|-------|---------|-------|------|
| WG600673 | | | | | | | | | | | | | | | | |
| WG600551PBS | PBS | 11/12/24 | | | | 0.18 | 0.84 | .09 | 0.18 | 0.84 | | | 1.68 | | | |
| WG600551LCSS | LCSS | 11/12/24 | PCN627316 | 40 | | 1.1 | 0.92 | 34 | 1.1 | 0.92 | 85 | 43 | 148 | | | |
| L90809-01MS | MS | 11/12/24 | PCN627316 | 40.82 | 0.24 | 0.22 | 0.75 | 36 | 1.1 | 1 | 88 | 43 | 148 | | | |
| L90809-02DUP | DUP-RPD | 11/12/24 | | | 0.38 | 0.19 | 0.5 | .22 | 0.21 | 0.89 | | | | 53 | 20 | RG |
| L90809-02DUP | DUP-RER | 11/12/24 | | | 0.38 | 0.19 | 0.5 | .22 | 0.21 | 0.89 | | | | 0.56 | 2 | |
| L91003-07DUP | DUP-RPD | 11/12/24 | | | 0.61 | 0.25 | 0.88 | .52 | 0.21 | 0.87 | | | | 16 | 20 | |

Energy Fuels Resources (USA) Inc.

ACZ Project ID: **L91003**

| ACZ ID | WORKNUM | PARAMETER | METHOD | QUAL | DESCRIPTION |
|--------|---------|-----------|--------|------|-------------|
|--------|---------|-----------|--------|------|-------------|

No extended qualifiers associated with this analysis

Energy Fuels Resources (USA) Inc.

ACZ Project ID: **L91003**

Metals Analysis

The following parameters are not offered for certification or are not covered by AZ certificate #AZ0102.

| | |
|-----------------------|-----------|
| Uranium, total (3050) | EPA 6020B |
|-----------------------|-----------|

Radiochemistry

The following parameters are not offered for certification or are not covered by AZ certificate #AZ0102.

| | |
|-------------------|-----------|
| Radium 226 (3050) | EPA 903.1 |
|-------------------|-----------|

Soil Analysis

The following parameters are not offered for certification or are not covered by AZ certificate #AZ0102.

| | |
|-----------------|----------|
| Solids, Percent | D2216-80 |
|-----------------|----------|

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

| | |
|-----------------|----------|
| Solids, Percent | D2216-80 |
|-----------------|----------|

Energy Fuels Resources (USA) Inc.

ACZ Project ID: L91003
 Date Received: 10/17/2024 12:23
 Received By:
 Date Printed: 10/17/2024

Receipt Verification

| | YES | NO | NA |
|---|-----|----|----|
| 1) Is a foreign soil permit included for applicable samples? | | | X |
| 2) Is the Chain of Custody form or other directive shipping papers present? | X | | |
| 3) Does this project require special handling procedures such as CLP protocol? | | X | |
| 4) Are any samples NRC licensable material? | | | X |
| 5) If samples are received past hold time, proceed with requested short hold time analyses? | X | | |
| 6) Is the Chain of Custody form complete and accurate? | X | | |
| 7) Were any changes made to the Chain of Custody form prior to ACZ receiving the samples? | | X | |

Samples/Containers

| | YES | NO | NA |
|---|-----|----|----|
| 8) Are all containers intact and with no leaks? | X | | |
| 9) Are all labels on containers and are they intact and legible? | X | | |
| 10) Do the sample labels and Chain of Custody form match for Sample ID, Date, and Time? | X | | |
| 11) For preserved bottle types, was the pH checked and within limits? ¹ | | | X |
| 12) Is there sufficient sample volume to perform all requested work? | X | | |
| 13) Is the custody seal intact on all containers? | | | X |
| 14) Are samples that require zero headspace acceptable? | | | X |
| 15) Are all sample containers appropriate for analytical requirements? | X | | |
| 16) Is there an Hg-1631 trip blank present? | | | X |
| 17) Is there a VOA trip blank present? | | | X |
| 18) Were all samples received within hold time? | X | | |

NA indicates Not Applicable

Chain of Custody Related Remarks

Client Contact Remarks

Shipping Containers

| Cooler Id | Temp (°C) | Temp Criteria (°C) | Rad (µR/Hr) | Custody Seal Intact? |
|-----------|-----------|--------------------|-------------|----------------------|
| NA43247 | 18.3 | NA | 15 | Yes |

Was ice present in the shipment container(s)?

No - Wet or gel ice was not present in the shipment container(s).

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

Energy Fuels Resources (USA) Inc.

ACZ Project ID: L91003
Date Received: 10/17/2024 12:23
Received By:
Date Printed: 10/17/2024

¹ The preservation of the following bottle types is not checked at sample receipt: Orange (oil and grease), Purple (total cyanide), Pink (dissolved cyanide), Brown (arsenic speciation), Sterile (fecal coliform), EDTA (sulfite), HCl preserved vial (organics), Na₂S₂O₃ preserved vial (organics), and HG-1631 (total/dissolved mercury by method 1631).

Energy Fuels Resources

BY
Energy Fuels Resources

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Rapidos®) following the measurement protocols given by AARST/ANSI.

The detector(s) arrived to Radonova Laboratories **10/25/2024**.
They were measured **11/05/2024**.

Test data have been given by Trent Holliday

Property data and address

MEASURE SITE ADDRESS

Lasal
45 S. Wilcox Rd
Lasal UT 84530

BUILDING ID

TRANSIT DETECTOR 1: 188458 (6 ± 9 pCi*days/l)
TRANSIT DETECTOR 2: 766954 (6 ± 9 pCi*days/l)
TRANSIT DETECTOR 3: 146042 (7 ± 9 pCi*days/l)

Test results

| DETECTOR | MEASUREMENT PERIOD | DESCRIPTION / LOCATION | LOCATION TYPE | RADON RESULT |
|---------------------|-------------------------|------------------------|---------------|------------------------|
| 534551-7 [Rapidos®] | 09/30/2024 – 10/15/2024 | Field Blank, Lasal | | 1.9 ± 0.73 pCi/L |
| 560719-7 [Rapidos®] | 09/30/2024 – 10/04/2024 | Pandora #14, Lasal | | 720 ± 130 pCi/L |
| 419757-0 [Rapidos®] | 10/04/2024 – 10/08/2024 | Pandora #14, Lasal | | 692 ± 125 pCi/L |
| 434867-8 [Rapidos®] | 10/08/2024 – 10/11/2024 | Pandora #14, Lasal | | 778 ± 140 pCi/L |
| 628745-2 [Rapidos®] | 10/11/2024 – 10/15/2024 | Pandora #14, Lasal | | 765 ± 138 pCi/L |
| 762898-5 [Rapidos®] | 09/30/2024 – 10/15/2024 | Pandora #11, Lasal | | 1.4 ± 0.44 pCi/L |
| 281756-7 [Rapidos®] | 09/30/2024 – 10/15/2024 | Pandora #10, Lasal | | 1.1 ± 0.44 pCi/L |
| 603615-6 [Rapidos®] | 09/30/2024 – 10/04/2024 | Pandora #2, Lasal | | 743 ± 134 pCi/L |
| 997558-2 [Rapidos®] | 10/04/2024 – 10/08/2024 | Pandora #2, Lasal | | 705 ± 127 pCi/L |

Comment to the results

Trygve Rönnqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist
This report may only be reproduced in full, unless issuing laboratory has given prior written approval.

DISCLAIMER

Radonova Inc. makes no warranty of any kind, express or implied, as regard to the use, operation or analysis of any Radonova Inc. monitor. Radonova Inc. specifically disclaims implied warranties of merchantability and fitness for a particular purpose. Radonova Inc. is not responsible for any damage, including consequential damages, to persons or property resulting from the use of the monitor or the resulting data.



RADONOVA INC.
1 EAST 22nd STREET, SUITE 200
LOMBARD, IL 60148
331.814.2200, help@radonova.com

Energy Fuels Resources

BY
Energy Fuels Resources

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Rapidos®) following the measurement protocols given by AARST/ANSI.

The detector(s) arrived to Radonova Laboratories **10/25/2024**.
They were measured **11/05/2024**.

Test data have been given by Trent Holliday

Property data and address

MEASURE SITE ADDRESS

Lasal
45 S. Wilcox Rd
Lasal UT 84530

BUILDING ID

| DETECTOR | MEASUREMENT PERIOD | DESCRIPTION / LOCATION | LOCATION TYPE | RADON RESULT |
|---------------------|-------------------------|------------------------|---------------|-------------------------|
| 818668-6 [Rapidos®] | 10/08/2024 – 10/11/2024 | Pandora #2, Lasal | | 716 ± 115 pCi/L |
| 208133-9 [Rapidos®] | 10/11/2024 – 10/15/2024 | Pandora #2, Lasal | | 638 ± 115 pCi/L |
| 618140-8 [Rapidos®] | 09/30/2024 – 10/15/2024 | Pandora #1, Lasal | | 1.4 ± 0.60 pCi/L |
| 939530-2 [Rapidos®] | 09/30/2024 – 10/15/2024 | Pandora #1-2, Lasal | | 1.3 ± 0.44 pCi/L |
| 450625-9 [Rapidos®] | 10/11/2024 – 10/15/2024 | Pandora #3, Lasal | | 5.4 ± 1.7 pCi/L |
| 207124-9 [Rapidos®] | 09/30/2024 – 10/04/2024 | Pandora #5, Lasal | | 658 ± 119 pCi/L |
| 192878-7 [Rapidos®] | 10/04/2024 – 10/08/2024 | Pandora #5, Lasal | | 979 ± 176 pCi/L |
| 514627-9 [Rapidos®] | 10/08/2024 – 10/11/2024 | Pandora #5, Lasal | | 947 ± 171 pCi/L |
| 776146-3 [Rapidos®] | 10/11/2024 – 10/15/2024 | Pandora #5, Lasal | | 787 ± 142 pCi/L |
| 708898-2 [Rapidos®] | 09/30/2024 – 10/15/2024 | 2200, Lasal | | 1.4 ± 0.44 pCi/L |
| 116598-4 [Rapidos®] | 09/30/2024 – 10/15/2024 | Pandora Portal, Lasal | | 1.3 ± 0.44 pCi/L |
| 403949-1 [Rapidos®] | 09/30/2024 – 10/08/2024 | 2300 #2, Lasal | | 260 ± 46.7 pCi/L |

Comment to the results

Trygve Rönnqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

This report may only be reproduced in full, unless issuing laboratory has given prior written approval.

DISCLAIMER

Radonova Inc. makes no warranty of any kind, express or implied, as regard to the use, operation or analysis of any Radonova Inc. monitor. Radonova Inc. specifically disclaims implied warranties of merchantability and fitness for a particular purpose. Radonova Inc. is not responsible for any damage, including consequential damages, to persons or property resulting from the use of the monitor or the resulting data.



RADONOVA INC.

1 EAST 22nd STREET, SUITE 200
LOMBARD, IL 60148
331.814.2200, help@radonova.com

Energy Fuels Resources

RADON MONITORING REPORT

Description of the measurement

The measurement was performed with a closed alpha-track detector (Rapidos®) following the measurement protocols given by AARST/ANSI.

The detector(s) arrived to Radonova Laboratories **10/25/2024**.
They were measured **11/05/2024**.

Test data have been given by Trent Holliday

Property data and address

MEASURE SITE ADDRESS
Lasal
45 S. Wilcox Rd
Lasal UT 84530

BUILDING ID

| DETECTOR | MEASUREMENT PERIOD | DESCRIPTION / LOCATION | LOCATION TYPE | RADON RESULT |
|---------------------|-------------------------|------------------------|---------------|-------------------------|
| 142691-5 [Rapidos®] | 10/08/2024 – 10/15/2024 | 2300 #2, Lasal | | 257 ± 41.0 pCi/L |
| 159350-8 [Rapidos®] | 09/30/2024 – 10/15/2024 | 2300 #1, Lasal | | 1.6 ± 0.60 pCi/L |
| 171609-1 [Rapidos®] | 09/30/2024 – 10/15/2024 | Lasal Decline, Lasal | | 2.9 ± 0.60 pCi/L |
| 174518-1 [Rapidos®] | 09/30/2024 – 10/15/2024 | 700, Lasal | | 0.97 ± 0.44 pCi/L |
| 320943-4 [Rapidos®] | 09/30/2024 – 10/08/2024 | 900, Lasal | | 299 ± 47.8 pCi/L |
| 581298-7 [Rapidos®] | 10/08/2024 – 10/15/2024 | 900, Lasal | | 284 ± 45.2 pCi/L |
| 203233-2 [Rapidos®] | 09/30/2024 – 10/15/2024 | 1050, Lasal | | 1.4 ± 0.44 pCi/L |
| 497475-4 [Rapidos®] | 09/30/2024 – 10/15/2024 | 1350, Lasal | | 2.1 ± 0.44 pCi/L |
| 954864-5 [Rapidos®] | 09/30/2024 – 10/15/2024 | Beaver Shaft, Lasal | | 1.3 ± 0.44 pCi/L |
| 970749-8 [Rapidos®] | 09/30/2024 – 10/15/2024 | 1800, Lasal | | 1.4 ± 0.44 pCi/L |
| 295650-6 [Rapidos®] | 09/30/2024 – 10/08/2024 | 2500 #2, Lasal | | 316 ± 56.9 pCi/L |
| 311033-5 [Rapidos®] | 10/08/2024 – 10/15/2024 | 2500 #2, Lasal | | 328 ± 58.9 pCi/L |

Comment to the results

Trygve Rönnqvist (Electronically signed)

Signature Radonova Laboratories Laboratory Measurement Specialist

This report may only be reproduced in full, unless issuing laboratory has given prior written approval.

DISCLAIMER

Radonova Inc. makes no warranty of any kind, express or implied, as regard to the use, operation or analysis of any Radonova Inc. monitor. Radonova Inc. specifically disclaims implied warranties of merchantability and fitness for a particular purpose. Radonova Inc. is not responsible for any damage, including consequential damages, to persons or property resulting from the use of the monitor or the resulting data.



RADONOVA INC.

1 EAST 22nd STREET, SUITE 200
LOMBARD, IL 60148
331.814.2200, help@radonova.com

Measurement method: Closed alpha-track detector

The radon measurement was performed with a closed alpha-track detector following the quality assurance guidance given in the ANSI/AARST protocols. The detector container is manufactured from electrically conducting plastic. Through a small slit (filter), radon gas enters the detector. The track-detecting material (film) inside the detector is hit by alpha particles generated by the radon entering the container and the decay products formed from it. On the film, the alpha particles make small tracks which are enlarged through chemical etching and later counted in a microscope in order to determine the radon exposure.

Transit detectors are used for the return delivery of the high-sensitivity detectors in order to make a more accurate background subtraction.

Radonova Laboratories (P.O. Box 6522, SE-751 38 UPPSALA, Sweden) is accredited (no. 1489) by SWEDAC to conduct radon-gas measurements using the closed alpha-track detector method. The analysis equipment is checked daily and the detectors are calibrated at regular intervals. NRPP Licenses: 107831 AL, 107830 RT

Measured radon concentrations

For each detector, the measured value of the radon concentration is provided. For each value an uncertainty associated with the measurement to a 95% confidence level is also provided. For example a measurement result of 4.0 ± 0.5 pCi/L means that the radon concentration is most likely contained in the range 3.5 - 4.5 pCi/L. If the start or end date of the measurement has not been provided, the radon concentration cannot be calculated. In such cases, the total exposure in pCi*days/L will be reported. The reported measured values are related to the detectors as received by Radonova Laboratories. Detector deployment is not performed by Radonova Laboratories. Measurement information such as monitoring period (dates) and placement location is provided to Radonova Laboratories by the end user. The presented result applies only to the sample tested as received by the laboratory.

The average transit exposure has been subtracted in the reported radon concentrations.

Codes on non-reportable detectors

| | |
|------------|---------------------------------------|
| DNR | Not Reported – Detector Not Returned |
| VTW | Not Reported – Visibly Tampered With |
| FBD | Not Reported – Film Broken or Damaged |
| LIL | Not Reported – Lost in Lab |
| DTO | Not Reported – Detector Too Old |

Measurement method versions used when the report was created

ANSI/AARST MAH-2023, Protocol for Conducting Measurements of Radon and Radon Decay Products in Homes
ANSI/AARST MA-MFLB-2023, Protocol for Measurements of Radon in Multifamily, School, Commercial and Mixed-Use Buildings

Signature on the report

With the signature on the report, the person responsible for the radon analysis at Radonova Laboratories hereby certifies that the measurement procedures follows the guidance in accordance with the ANSI/AARST Measurement Protocols and that the demands from SWEDAC are fulfilled.

Measurement information displayed in italics on report has been provided by the customer.

Certification no:

107831-AL, 107830-RT, NRSB ARL1904, NY ELAP ID: 12042,

DISCLAIMER

Radonova Inc. makes no warranty of any kind, express or implied, as regard to the use, operation or analysis of any Radonova Inc. monitor. Radonova Inc. specifically disclaims implied warranties of merchantability and fitness for a particular purpose. Radonova Inc. is not responsible for any damage, including consequential damages, to persons or property resulting from the use of the monitor or the resulting data.

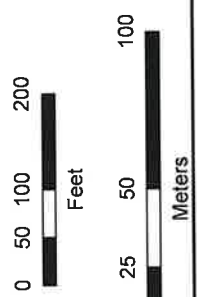


FIGURE



Legend

- Soil Sample and Gamma Monitoring Location
- Evaporative Water System
- ⊕ Redwall-Muav Water Supply/Monitoring Well
- ⊕ Coconino Monitoring Well
- ⊕ USGS Coconino Well
- ▶ Surface Water Diversion
- ┌ Berm
- - - 4" PVC Discharge
- - - Fence Line - Facility Area
- ▨ Rip Rap
- ▨ Building/Structure
- Major Contour - 5 ft
- Minor Contour - 1 ft



CF Energy Fuels
Resources (USA) Inc

Pinyon Plain Mine
 T29N, R03E, Section 20, Coconino County, AZ

Sampling and Monitoring Location Map

S:\TechnicalProjects\AZ Pinyon Plain\Environmental\Permitting\Sampling and Monitoring Locations.mxd
 112°55'55"W 112°55'50"W 112°55'45"W 112°55'40"W
 35°53'55"N 35°53'50"N 35°53'45"N 35°53'40"N