



U. S. Department of Energy – Idaho Operations Office

RADIOLOGICAL AND ENVIRONMENTAL SCIENCES LABORATORY

2251 North Boulevard, MS 2112 | Idaho Falls, ID 83415

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CONFIRMATORY MEASUREMENT REPORT

FOR

U.S. NUCLEAR REGULATORY COMMISSION

11545 Rockville Pike, MS T-5 A10

Rockville, Maryland 20852

The results listed in this report are only applicable to the aliquot(s) taken from the sample(s) as received.

The sample information is logged into the sample analysis database as received. RESL is not responsible for the validity of the data provided by the customer.

The sample(s) are analyzed in the same condition as received. RESL assumes no responsibility for the sampling, handling, preservation, or transportation of samples provided for analyses.

All analytical radiochemistry was performed at RESL facilities by qualified personnel using current validated technical procedures that are directly applicable to the specific analyses.

Any additions to, deviations, or exclusions from the procedure or process are noted as such in the report.

Each analytical result is accompanied by its total propagated uncertainty expressed at one standard deviation.

All results that do not pass through zero when their standard deviation is multiplied by two and then added and subtracted to the result are considered statistically positive at the 95% confidence interval.

This report is authorized by the RESL Senior Technical Manager for Chemistry (STM-C). Information regarding the technical aspects of this report may be obtained from Shane Steidley, STM-C at: steidlsd@id.doe.gov or 208-521-2120.



Approved By:

A handwritten signature in black ink that reads "Shane Steidley".

Shane Steidley, STM-C
DOE-ID, RESL

Department of Energy

Radiological & Environmental Sciences Laboratory

NUCLEAR REGULATORY COMMISSION

Sample ID: NRC-123 HA2426	Matrix: Soil	Site Name: Sequoyah Fuels Corp	Contact: Robert Evans
		Nuclide	Results
		Cs-137	5.4 +/- 0.2 E-2 pCi/g
		U-238	8.1 +/- 0.5 E0 pCi/g
Sample ID: NRC-124 HA2427	Matrix: Soil	Site Name: Sequoyah Fuels Corp	Contact: Robert Evans
		Nuclide	Results
		Cs-137	6.3 +/- 0.6 E-2 pCi/g
		U-238	8.40 +/- 0.11 E0 pCi/g
Sample ID: NRC-125 HA2428	Matrix: Soil	Site Name: Sequoyah Fuels Corp	Contact: Robert Evans
		Nuclide	Results
		Cs-137	1.1 +/- 0.4 E-2 pCi/g
		U-238	6.98 +/- 0.09 E0 pCi/g
Sample ID: NRC-126 HA2429	Matrix: Soil	Site Name: Sequoyah Fuels Corp	Contact: Robert Evans
		Nuclide	Results
		Cs-137	5.1 +/- 0.2 E-2 pCi/g
		U-238	2.68 +/- 0.03 E1 pCi/g

Samples Approved by: Shane Heidley

ACTIVITIES ARE AS OF: 10/12/2022 UNCERTAINTIES ARE ONE SIGMA



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Sample ID: NRC-127 HA2430	Matrix: Soil	Site Name: Sequoyah Fuels Corp	Contact: Robert Evans
		Nuclide	Results
		Cs-137	6.6 +/- 0.2 E-2 pCi/g
		U-238	2.28 +/- 0.07 E1 pCi/g
Sample ID: NRC-129 HA2432	Matrix: Soil	Site Name: Sequoyah Fuels Corp	Contact: Robert Evans
		Nuclide	Results
		Cs-137	3.8 +/- 0.2 E-2 pCi/g
		U-238	9.82 +/- 0.13 E0 pCi/g
Sample ID: NRC-130 HA2433	Matrix: Soil	Site Name: Sequoyah Fuels Corp	Contact: Robert Evans
		Nuclide	Results
		Cs-137	6.1 +/- 0.3 E-2 pCi/g
		U-238	2.07 +/- 0.07 E0 pCi/g
Sample ID: NRC-131 HA2434	Matrix: Soil	Site Name: Sequoyah Fuels Corp	Contact: Robert Evans
		Nuclide	Results
		Cs-137	1.35 +/- 0.13 E-2 pCi/g
		U-238	1.71 +/- 0.06 E0 pCi/g

Samples Approved by: Shane Heidley

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