

**U.S. Department of Energy Office of Legacy Management
National Environmental Policy Act Environmental Checklist**

Project/Activity: Reclamation Project in Lease Tract C-G-27, Uranium Leasing Program

A. Brief Project/Activity Description

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) proposes to reclaim subsidence features associated with the New G-3 Mine Site and G-3 Shaft Mine. Independent contractors associated with Energy Fuels Resources, the leaseholder, would complete all work in an estimated day. The subsidence features are considered a public safety concern. This lease tract is on Outlaw Mesa, along the southern flank of the Uncompahgre Plateau in southwestern Mesa County. Workers would access the site on existing dirt track roads.

Portions of the New G-3 Mine entrance have crumbled and left access to the mine decline open. A trackhoe would be used to clean out small debris that has fallen into the decline, and then to place large boulders into the opening, creating a stable platform. Mine-waste rock in the surrounding area would be used for fill. After the opening has been filled, the surface would be finished with soil materials from the surrounding area, and then all newly disturbed areas would be seeded with an approved seed mixture. The current mine opening is approximately 4 feet square. After the completion of these activities, an area comprising 0.1 acre would be reclaimed. Past mining activity has highly disturbed all surrounding areas.

An associated subsidence at the G-3 Shaft Mine Site also needs to be addressed. A trackhoe would be used to place mine-waste rock materials into the subsidence. Available soil materials would then be placed over the mine-waste rock and seeded with an approved seed mixture.

B. Environmental Concerns

Evaluate the following elements and indicate by checking "yes" or "no" if any phase of the project/activity would result in a change or impact that is subject to regulatory permits, controls, or plans or that would require additional evaluation. If the "yes" column is checked, provide a brief explanation below, and attach sheets with additional detail as necessary or appropriate.

Element	Yes	No	Element	Yes	No
Air emissions/air quality	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exposure/impacts to public or workers	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Need for public awareness/involvement	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Solid waste generation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Transportation/traffic control required	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mixed waste management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Access to/use of DOE property	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chemical storage on site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Visual resources impacted	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pesticide/herbicide use	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cultural/archaeological resources present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Toxic substances management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Wetland/floodplain impacted	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Regulated quantities of petroleum used or stored on site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Protected species present: federal, state, or tribe listed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Radioactive materials/soils	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Migratory birds breeding or nesting	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Surface (ground) disturbance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wild/scenic rivers impacted	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Surface water use/contamination	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Prime/unique farmlands present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Surface water quality	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Groundwater use/contamination	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Groundwater quality affected	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other considerations	<input type="checkbox"/>	<input checked="" type="checkbox"/>

C. Explanation and Qualification of All "Yes" Responses

Air emissions/air quality: Backfilling the subsided areas may result in minor and temporary fugitive dust.

Noise: The use of heavy equipment would temporarily elevate noise levels. There are no nearby residences in this remote area.

Surface (ground) disturbance: Surface disturbance covering approximately 0.1 acre would be associated with the proposed activities.

Cultural/archaeological resources present: The affected areas are within a previously reclaimed mine site, and in accordance with U.S. Bureau of Land Management guidance, cultural resource surveys are not required for such sites.

Protected species present: federal, state, or tribe listed: No listed species are known to be present in the affected area.

Migratory birds breeding or nesting: The proposed work would be conducted after migratory bird breeding and nesting season is over.

D. Eligibility/Conditions

The proposed action fits within a class of actions listed in Appendix A or B to Subpart D of Title 10 *Code of Federal Regulations* Part 1021 (10 CFR 1021). DOE has determined that these classes of actions do not individually or cumulatively have a significant effect on the human environment (see 10 CFR 1021.410). There are no extraordinary circumstances related to the proposed action that may affect the significance of the environmental effects of the proposed action, and the proposed action is not "connected" to other actions with potentially significant impacts. Finally, the action is not related to other proposed actions with cumulatively significant impacts and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211.

E. Recommendation

The proposed reclamation of the subsided areas are allowable activities under Criterion B1.28 of Appendix B to Subpart D of 10 CFR 1021, "Minor activities that are required to place a facility in an environmentally safe condition where there is no proposed use for the facility." The reclamation of the disturbed areas is an allowable activity under Criterion B1.3 (k), "Erosion control and soil stabilization measures."

Meets Criteria

Does Not Meet Criteria

Unsure

F. National Environmental Policy Act (NEPA) Determination

The scope of actions proposed under Section A of this Environmental Checklist, and the information relevant to the potential for environmental impacts in Section B have been reviewed, and the following has been determined:

The proposed actions meet the criteria for categorical exclusion.

The proposed actions do not meet the criteria for categorical exclusion; therefore, I recommend that the LM NBPA Planning Board be convened based on my recommendation (see attached rationale) to complete:

an Interim Action.

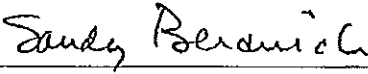
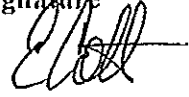
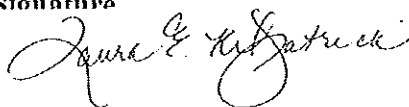

an Environmental Assessment.

an Environmental Impact Statement.

a Supplemental Analysis.

Concurrences

Project/Activity: Reclamation Project in Lease Tract C-G-27, Uranium Leasing Program

LM Site Name Energy Fuels LT C-G-27	LM Site Program Uranium Leasing Program	
Contractor NEPA Coordinator Sandy Beranich	Signature 	Date 6-22-10
Contractor Program Lead Ed Cotter	Signature 	Date 6/22/2010
LM Program Manager Laura Kilpatrick	Signature 	Date Laura E. Kilpatrick DOE LM - Rocky Flats 2010.06.22 18:30:23 -06'00'
LM NEPA Compliance Officer Richard Bush	Signature 	Date 6/25/10

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