

**U.S. Department of Energy
Office of Legacy Management**



Categorical Exclusion Determination Form

Proposed action title: Routine Long-Term Surveillance and Maintenance at the Shirley Basin South Disposal Site

Program or field office: Office of Legacy Management (LM)

LM Categorical Exclusion Evaluation no.: LM 15-26

Location(s) (LM site name or city, county, state): Shirley Basin South, Wyoming, Disposal Site

Proposed Action Description

LM is proposing to conduct long term surveillance and maintenance actions at the Shirley Basin South, Wyoming, Disposal Site that includes inspections and routine monitoring, and maintenance. These proposed actions satisfy requirements of the Long-Term Surveillance Plan for the U.S. Department of Energy Shirley Basin South (UMTRCA Title II) Disposal Site, Carbon County, WY (DOE-LM/GJ766-2004) and fulfill general license requirements of Title 10 Code of Federal Regulations Part 40.28 which identifies LM as the long-term custodian of the site. These activities would be performed in a manner that protects human health and the environment.

At minimum, the Site would be visually inspected annually; however, other factors could require more frequent inspections such as stakeholder feedback or other weather-related issues. Non-intrusive visual inspections and other meetings on-site could include local stakeholders and representatives from other governmental entities. Monitoring would include annual groundwater sampling, rangeland health assessments, vegetation monitoring, and special status species surveys when needed. Maintenance needs are normally identified during the annual site inspection. However, various factors can require maintenance to be performed throughout the year.

Categorical Exclusion(s) Applied

B1.3 – Routine maintenance

B1.11 – Fencing

B3.1 – Site characterization and environmental monitoring

For the DOE procedures regarding categorical exclusions, including the full text of each categorical exclusion, see Title 10 *Code of Federal Regulations* Part 1021.102 (10 CFR 1021.102) and Appendix B to [10 CFR 1021](#), and also Section 5.4 (*Applying one or more categorical exclusions to a proposal*) and Appendixes B and C to DOE's [National Environmental Policy Act \(NEPA\) Implementing Procedures](#) (June 30, 2025).

Requirements and guidance in 10 CFR 1021.102 and DOE's NEPA Implementing Procedures: (*see full text in regulation and in implementing procedures*)

- ☒ The proposal fits within a class of actions that is listed in Appendix B to 10 CFR 1021 or Appendix B and C to DOE's NEPA implementing procedures.
To fit within the classes of actions listed in Appendix B to 10 CFR 1021, or Appendix B of DOE's NEPA implementing procedures, a proposal must satisfy the conditions that are integral elements of the classes of actions in Appendix B of both 10 CFR 1021 and DOE's NEPA procedures.
- ☒ There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal. DOE or an applicant may modify the proposal to avoid reasonably foreseeable adverse significant effects such that the categorical exclusion would apply.
- ☒ The proposal has not been segmented to meet the definition of a categorical exclusion.

[**Note:** For proposals that fit within the categorical exclusions listed in Appendix C to DOE's NEPA Implementing Procedures, see DOE's notice of adoption for the subject Appendix C categorical exclusion for additional considerations. DOE notices of adoption for other agency categorical exclusions may be found on DOE's [Section 109: Adopting Categorical Exclusions](#) webpage.]

Based on my review of the proposed action, as NEPA compliance officer, I have determined that the proposed action fits within the specified class(es) of action, the other requirements and guidance set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.

**JENNIFER
O'BRIEN**

Digitally signed by JENNIFER
O'BRIEN
Date: 2026.08.13 10:17:42
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NEPA Compliance Officer
Select "Lock document after signing" upon signature.

Date determined