



NEPA Categorical Exclusion Determination Form

Program or Field Office: U.S. Department of Energy (DOE) Office of Legacy Management (LM)

Project Title: Routine Inspections, Monitoring, and Maintenance at the Shirley Basin South, Wyoming, Disposal Site

Location: Shirley Basin South, Wyoming, Disposal Site

Proposed Action or Project Description:

To conduct routine site inspections, groundwater monitoring, and minor maintenance activities at the Shirley Basin South, Wyoming, Disposal Site throughout the year. These activities are required to 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, Wyoming*, December 2004, which explains how LM will fulfill general license requirements of Title 10 *Code of Federal Regulations* Part 40.28 as the long-term custodian of the site.

Activities could include:

- Nonintrusive visual inspections and other meetings onsite that could include local stakeholders and representatives from other governmental entities.
- Monitoring such as annual groundwater sampling, downloading data from data loggers, rangeland health assessments, vegetation monitoring, and threatened and endangered species surveys.
- Routine maintenance activities, which include well maintenance and redevelopment activities, transducer maintenance, replacing damaged perimeter signs, repairing gates and fences, replacing padlocks, vegetation management (pruning and herbicide application), mowing weeds, and removing trash. Small-scale erosion control repair activities would be performed as needed.

Categorical Exclusion(s) Applied:

- A1 Routine DOE Business Actions
- A9 Information Gathering, Analysis, and Dissemination
- B1.3 Routine Maintenance
- B3.1 Site Characterization and Environmental Monitoring
- B3.3 Research Related to Conservation of Fish, Wildlife, and Cultural Resources

For the complete DOE National Environmental Policy Act (NEPA) regulations regarding categorical exclusions, including the full text of each categorical exclusion, see Subpart D of Title 10 *Code of Federal Regulations* Section 1021 (10 CFR 1021).

Regulatory Requirements in 10 CFR 1021.410(b): (See full text in regulation)

- ☒ The proposal fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D

To fit within the classes of actions listed in 10 CFR Part 1021, Subpart D, Appendix B, a proposal must be one that would not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities; (3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of 10 CFR Part 1021, Subpart D, Appendix B; (5) involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those listed in paragraph B(5) of 10 CFR Part 1021, Subpart D, Appendix B.

- ☒ There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal.
- ☒ The proposal has not been segmented to meet the definition of a categorical exclusion. This proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

Based on my review of the proposed action, as NEPA Compliance Officer (as authorized by the LM Director per DOE Policy 451.1), I have determined that the proposed action fits within the specified classes of action, the other regulatory requirements set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.



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**NEPA Compliance Officer Signature and
Determination Date**

Joyce E. Chavez

Digitally signed by Joyce E. Chavez
Date: 2022.07.11 16:49:43 -06'00'