



NEPA Categorical Exclusion Determination Form

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

Project Title: Continued Site Investigation of the Riverton, Wyoming, Processing Site

Location: Riverton, Wyoming

Proposed Action or Project Description:

The proposed action involves installation of 33 boreholes with a Geoprobe as the first phase of continuing investigation at the site in accordance with the 2022 Work Plan for Continued Site Investigation of the Riverton, Wyoming, Processing Site. Each borehole will be installed approximately 14 feet below ground surface into the surficial alluvial aquifer. A groundwater sample will be collected from each borehole. The boreholes will be abandoned after the groundwater sample is collected – there will be no monitoring well installation on this phase of the project. Fueling of the Geoprobe will be conducted off-site at a commercial gas station. Sampling locations are on land owned by ChemTrade Refinery Services, which includes the former mill site.

The results from the samples collected from the boreholes will be used to delineate the head of the uranium, molybdenum, and sulfate plumes on and adjacent to the former mill site. The results from this phase of the project also will be to guide the second phase of the continuing investigation that will include solid phase sampling with a roto sonic drill rig and possible well installation.

Categorical Exclusion(s) Applied:

- B3.1 Site characterization and environmental monitoring

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.

**NEPA Compliance Officer Signature and
Determination Date**

JOYCE CHAVEZ Digitally signed by JOYCE CHAVEZ
Date: 2022.11.04 13:54:03 -06'00'