



NEPA Categorical Exclusion Determination Form

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

Project Title: Recurring Aerial Survey Activity at the Mexican Hat, Utah, Disposal Site

Location: Mexican Hat, Utah

Proposed Action or Project Description:

Aerial surveys would be conducted by small unmanned aircraft systems (sUASs) to provide aerial photography and topographic mapping services. The primary data sets from the survey would include aerial imagery and light detection and ranging (lidar) elevation data of 244 acres on and surrounding the site.

The use of mechanized excavation equipment is not allowed for this work. At the site (both onsite and in the adjacent offsite locations), vehicles and all-terrain vehicles (ATVs) would be driven only on existing roads, established trails, and rock-only covered onsite engineered structures. Cross-country travel by vehicles and ATVs is prohibited. Vehicles will be driven at slow speeds to minimize dust generation at and adjacent to the site. Onsite refueling of vehicles and equipment is not allowed for this work. All fueling activities are limited to commercial fueling service stations located offsite. This includes the refueling of generators for recharging battery-operated sUASs.

Categorical Exclusion(s) Applied:

- B3.2 aviation activities

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**

TRACY RIBEIRO Digitally signed by TRACY RIBEIRO
Date: 2021.08.27 10:46:51 -06'00'