

U.S. Department of Energy  
Office of Legacy Management



## NEPA Categorical Exclusion Determination Form

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

**Project Title and I.D. No.:** Repair a Potable Water Line Leak at Tuba City, LM 05-18

**Location:** Tuba City, Arizona, Disposal Site

**Proposed Action or Project Description:**

LM is proposing to repair a potable water line leak at the Tuba City, Arizona, Disposal Site. The potable water source is well 948, and the piping from this well serves the domestic plumbing fixtures in the site buildings and several hydrants around the site. The leak location is east of the disposal cell and east of the groundwater treatment system buildings. A subcontractor would excavate to a depth of approximately 2 feet, in a surface area of approximately 12 x 16 feet, with a miniexcavator. The subcontractor would then dig by hand an additional approximately 2 feet deep in an area of approximately 3 x 10 feet around the pipe leak. Hand digging is required due to proximity of the 2-inch diameter plastic water line. There are no other utilities in the area. The miniexcavator would then be used to excavate to a depth of approximately 4 feet in the area surrounding the hand dig, sloping in from the edges to allow walking down to the pipe leak, which is the repair area. After locating and repairing the leak point in the plastic water line, repair would be tested by filling the water line from the source well and observing. Backfill would be done by handwork, after the repair demonstrates efficacy. A similar repair was performed in May 2017. There are no utility-, infrastructure-, or emergency-service requirements associated with the proposed action. LM currently plans to initiate the proposed activities in April 2018. □

**Categorical Exclusion(s) Applied:**

- B1.3 Routine Maintenance

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 in accordance with 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.

*Tracy A. Ribeiro*

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NEPA Compliance Officer

Date Determined