



NEPA Categorical Exclusion Determination Form

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

Project Title: North Terrace Erosion Repairs-Phase II at the Canonsburg, Pennsylvania, Disposal Site (UMTRCA Title I)

Location: Canonsburg, Pennsylvania, Disposal Site

Proposed Action or Project Description:

DOE LM is proposing to make erosion control and soil stabilization repairs along a 50-foot-wide × 1200-foot-long stretch of an existing riprap-armored streambank on Chartiers Creek at the Canonsburg, Pennsylvania, Disposal Site. The repairs are necessary for the long-term protection of the uranium mill tailing disposal cell.

Proposed repair activities to various sections of the existing riprap embankment along the creek are described in the statement of work "North Terrace Erosion Repairs 2019" and would include (1) placement of new gravel along the top edge of the existing riprap on 167 feet of streambank; (2) placement of several feet of gravel backfill behind existing riprap along approximately 380 feet of streambank to bring the settled areas up to existing grade; (3) removing existing riprap, laying back existing fabric, grading the slope, and replacing fabric and riprap on the remaining approximately 680 feet of streambank; and (4) revegetation of disturbed areas, including the planting of trees and shrubs. The total area of disturbance is an estimated 60,000 square feet (approximately 1.3 acres).

The proposed erosion control and soil stabilization repairs were originally covered under routine maintenance as described in the March 2016 Environmental Checklist LM 29a-11. Subsequent streambank repairs were conducted in 2005 (LM 01-05 and LM 13-05), 2006 (LM 06-06), 2008, and 2017 (LM 33-17). Proposed activities would be scheduled for August through September 2019. The work would be performed by a subcontractor under the oversight of a Legacy Management Support contractor.

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Categorical Exclusion(s) Applied:

- B.1.3: 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 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.

Digitally signed by Joyce E. Chavez
Date: 2019.07.16 10:28:05 -06'00'

NEPA Compliance Officer

Date Determined