

# DOE-ID NEPA CX DETERMINATION Idaho National Laboratory

**SECTION A. Project Title:** Sitewide Facility and Operations (SFO) Excess Soil Management

**SECTION B. Project Description and Purpose:**

The Central Facilities Area (CFA) Landfill receives a large amount of excess soil from projects at the Idaho National Laboratory (INL) Site, which takes up valuable landfill space. There are numerous disturbed areas around the INL where this clean soil could be placed, spread and seeded with a native seed mixture. The proposed project diverts clean excess soil to pre-approved areas near CFA and seeds these areas with an approved native seed mixture. Excess soil may be staged at the CFA landfill then moved to approved locations as schedules allow.

Two locations have been identified and are shown below in Figures 1 and 2. This Environmental Checklist (EC) only covers these two locations. Additional locations are not authorized and require a revision to this EC.

Intended locations require Cultural, Ecological, and Sitewide Field Office (SFO) Environmental Support approval prior to placing soil or revegetating.

Figure 1. Location near the entrance to CFA.



Figure 2. Location near Gate 1.



**SECTION C. Environmental Aspects or Potential Sources of Impact:**

**Air Emissions**

Project activities have the potential to generate fugitive dust.

**Disturbing Cultural or Biological Resources**

The proposed action has the potential to impact biological and cultural resources.

**Generating and Managing Waste**

Small amounts of non-hazardous waste such as RCRA empty oil, antifreeze, brake fluid containers may be generated.

Although not expected, spills from vehicles/equipment may generate hazardous waste.

**Releasing Contaminants**

Vehicle chemicals such as diesel fuel, antifreeze, brake fluid, power steering fluid, hydraulic fluid, windshield washer fluid, etc. will be used in the heavy equipment.

Although not expected, spills from vehicles/equipment may occur.

**Using, Reusing, and Conserving Natural Resources**

Excess clean soil will be diverted from the land fill.

**SECTION D. Determine Recommended Level of Environmental Review, Identify Reference(s), and State Justification:** Identify the applicable categorical exclusion from 10 Code of Federal Regulation (CFR) 1021, Appendix B, give the appropriate justification, and the approval date.

For Categorical Exclusions (CXs), the proposed action must not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environmental, safety, and health, or similar requirements of Department of Energy (DOE) or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment or facilities; (3) disturb hazardous substances, pollutants, contaminants, or Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources (see 10 CFR 1021). In addition, no extraordinary circumstances related to the proposal exist that would affect the significance of the action. In addition, the action is not

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“connected” to other action actions (40 CFR 1508.25(a)(1) and is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1608.27(b)(7)).

**References:** 10 CFR 1021, Appendix B, B6.8, "Modifications for waste minimization and reuse of materials."

**Justification:** Activities are consistent with 10 CFR 1021, Appendix B, B6.8, "Minor operational changes at an existing facility to minimize waste generation and for reuse of materials. These changes include, but are not limited to, adding filtration and recycle piping to allow reuse of machining oil, setting up a sorting area to improve process efficiency, and segregating two waste streams previously mingled and assigning new identification codes to the two resulting wastes."

Is the project funded by the American Recovery and Reinvestment Act of 2009 (Recovery Act)       Yes     No

Approved by Jason Sturm, DOE-ID NEPA Compliance Officer on: 10/22/2019