

DOE-ID NEPA CX DETERMINATION

Idaho National Laboratory

SECTION A. Project Title: Demolish and Dispose of Shed Located East of Test Reactor Area (TRA)-607

SECTION B. Project Description:

The proposed action would demolish and dispose of the shed located east of TRA-607 due to deterioration that has rendered the facility unusable. It is a stand-alone 15' x 24' x 16' shed with no electrical or piping and consists mostly of a steel frame enclosed with metal siding. There is also a built-in wood frame filled with insulation covering every wall of the shed. The shed does not have a building number assigned to it.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions - The project would be considered a demolition under the Asbestos National Emission Standards for Hazardous Air Pollutants (NESHAP) and would require a 10-day demolition notification. The building may contain building materials containing asbestos. Call Brad Andersen (526-2723) for inspection and sampling prior to beginning work. No demolition or removal of materials can commence until asbestos sampling has been completed and results confirmed.

Fugitive dust may be generated. All reasonable precautions would be taken to prevent particulate from becoming airborne. If dust control methods are required, the method used and frequency applied must be recorded in the project records and would be used to demonstrate compliance with the Idaho National Laboratory (INL) Title V Air Permit.

Mobile sources such as generators, welders, and compressors may be used temporarily (less than a year) by subcontractors at the construction site. These sources would be required to meet Idaho Administrative Procedures Act (IDAPA) 58.01.01.625 visible emission opacity requirements.

Generating and Managing Waste - Typical Construction Debris such as asphalt, concrete, scrap wood, scrap metal, etc., would be generated during the project. Scrap metal would be recycled when practical. Pollution prevention/waste minimization will be implemented where economically practicable to reduce the volume and/or toxicity of waste generated. All waste generated would be transferred to Waste Generator Services (WGS) for appropriate disposition.

Releasing Contaminants - Typical construction chemicals such as lubricants, fuels, adhesives, paints, etc., would be used by the subcontractor. A chemical inventory list with associated Material Safety Data Sheets (MSDS's) would be submitted in the vendor data system. All chemicals would be entered into the INL Comply Plus Chemical Management System.

Using, Reusing, and Conserving Natural Resources - All material would be reused and/or recycled where economically practicable. All applicable waste would be diverted from disposal in the landfill when possible. Project personnel would use every opportunity to recycle, reuse, and recover materials and divert waste from the landfill when possible. The project would practice sustainable acquisition, as appropriate and practicable, by procuring construction materials that are energy efficient, water efficient, are bio-based in content, environmentally preferable, non-ozone depleting, have recycled content, and are non-toxic or less-toxic alternatives.

SECTION D. Determine the Recommended Level of Environmental Review (or Documentation) and Reference(s): 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 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 "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 to Subpart D item B1.23 "Demolition and disposal of buildings"

Justification: Project activities in this Environmental Checklist (EC) are consistent with 10 CFR 1021 Appendix B to Subpart D, Categorical Exclusion B1.23 "Demolition and subsequent disposal of buildings, equipment, and support structures (including, but not limited to, smoke stacks and parking lot surfaces), provided that there would be no potential for release of substances at a level, or in a form, that could pose a threat to public health or the environment."

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

Approved by Jack Depperschmidt, DOE-ID NEPA Compliance Officer on: 4/3/2015