

# DOE-ID NEPA CX DETERMINATION

**SECTION A. Project Title: Idaho National Laboratory Asphalt Repair Project – North Wind Services, LLC**

**SECTION B. Project Description**

The deterioration of asphalt roads, pads and parking areas at Idaho National Laboratory (INL) facilities necessitates the repair and or replacement in selected areas. Repair and/or replacement of sections of asphalt roads, pads, walkways, and parking areas will be conducted at Advanced Mixed Waste Treatment Facility (AMWTP), Idaho Nuclear Technology and Engineering Center (INTEC), Materials and Fuels Complex (MFC), and possibly at other Idaho National Laboratory (INL) facilities.

**SECTION C. Environmental Aspects / Potential Sources of Impact**

**Air Emissions** – The proposed scope of work (SOW) requires the use of heavy construction equipment such as dump trucks, excavators, front end loaders, and paving machines. These pieces of equipment generate exhaust emissions during normal operations. It is not expected that emissions generated will exceed normal air quality standards. The equipment will be in mostly new condition and meet applicable emission standards as required by federal laws and regulations.

**Soil Disturbance** – The SOW requires soil disturbance through the excavation of existing roadway and parking areas. No known contaminated soils are anticipated. At AMWTP, soils will be stockpiled for testing prior to final disposal. The quantity of excavated soils (including existing pavements and base materials) is estimated to be 4,089 cubic yards. Only previously developed and disturbed areas are planned to part of the SOW.

**Water/Well Use** – The SOW requires the use of water for achieving compaction of roadway base materials and dust control operations. Water is being provided by the DOE for these uses.

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

Note: 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, including requirements of DOE orders; 2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities; 3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases; 4) adversely affect environmentally sensitive resources. In addition, no extraordinary circumstances related to the proposal exist which would affect the significance of the action, and the action is not “connected” nor “related” (40 CFR 1508.25(a)(1) and (2), respectively) to other actions with potentially or cumulatively significant impacts.

**References:** B1.3, Routine maintenance activities and custodial services for buildings, structures, rights-of-way, infrastructures... vehicles and equipment, and localized vegetation and pest control, during which operations may be suspended and resumed, provided that activities would be conducted in a manner in accordance with applicable requirements...

**Justification:** The activity consists of repair and replacement of asphalt roads, pads, walkways, and parking areas.

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 11/28/2011