

# DOE-ID NEPA CX DETERMINATION

## SECTION A. Project Title: E-85 Fueling Systems for AMWTP and INTEC

## SECTION B. Project Description

This project consists of installing two E-85 fueling systems (85 % ethanol and 15% petroleum based fuel) for fueling fleet vehicles. One system will be located at the Advanced Mixed Waste Treatment Project and the other at the Idaho Nuclear Technology Center.

The two above ground, E85 compatible, double wall carbon steel, skid-mounted tanks have a capacity of 12,000 gallons each. The tanks will be constructed offsite to UL standard 142 and 2080 and only require an onsite aggregate base for leveling, 22 post holes each for bollards (6"X24"), and a utility trench each for the electrical service line and data line to an onsite power pole (maximum of 100'L X 2'W X 2'D).

The tanks will be delivered by semi tractor trailer and placed on the vendor developed aggregate pad in the existing aggregate covered parking lots of the facilities. The bollard holes will be drilled and the utility trench will be dug in the existing parking lot. Once the tanks have been integrity tested, they will be put into service providing fuel for the fleet vehicles.

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

**Air Emissions:** When in service, the tanks will emit air emissions typical of fueling systems onsite. Emissions from the tanks will have to be added to the Title IV Air Permit for the INL Site.

**Soil Disturbance:** Some soil disturbance will take place, but will occur in an existing parking lot. Therefore, no cultural or biological surveys are required.

**Waste:** Due to tank construction taking place off the INL Site, the anticipated quantities of construction waste generated on the INL Site are expected to be minimal (less than 1 cubic foot) and will be hauled away by the vendor.

## 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: 10 CFR 1021, Appendix B to Subpart D, B1.15, "Construction and operation of support buildings and support structures..."

Justification: The proposed work consists of installing two above ground fuel tanks systems for E-85 fuel. Those systems will be used to support INL Site activities.

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 11/01/10