DOE-ID NEPA CX DETERMINATION
Idaho National Laboratory

CX Posting No.: DOE-ID-INL-17-027

SECTION A. Project Title: RRTR Conex and Support Structures

SECTION B. Project Description and Purpose:

The purpose of the proposed action is to provide storage for training equipment, shelter during inclement weather, and a realistic urban training environment to support activities at the Radiological Response Training Range (RRTR). Conex containers, various temporary structures and props (trailers, tents, vehicles, etc.) will be positioned throughout the Radiological Response Training Range (RRTR) gravel pit located north of the Specific Manufacturing Capability (SMC). The arrangement and location of support structures is dependent on the needs of specific training activities at the RRTR, but structures will be located within the gravel pit on previously disturbed areas and will be reviewed as needed by cultural and biological personnel. Heavy equipment will be used to position and reposition support structures.

The proposed action includes modification of various structures (Conex containers, etc). Structures will be fitted with shelving, chairs and other equipment and fitted with lighting and electrical connections to allow for charging of instruments and for cooling internal areas. Most modifications will be performed at the Bonneville County Technical Center before the structures are transported to the RRTR north of SMC. Electrical power will be supplied by portable generators that will be removed from the site upon completion of each training exercise.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions

Emissions from machinery and equipment exhaust are expected. All generators will be in place for less than one year, so no permitting is required.

Project activities have the potential to generate fugitive dust.

Disturbing Cultural or Biological Resources

Proposed activities have the potential to disturb biological and cultural resources.

Generating and Managing Waste

Industrial waste such as boxes, wiring, paper, insulation, and some metals (wire, conduit, etc.) would be generated from equipment installation and packaging.

Hazardous metal waste (e.g., electronics) have the potential to be generated.

Releasing Contaminants

There is a potential for spills from chemicals used during general construction activities and fuel for equipment.

Using, Reusing, and Conserving Natural Resources

Project personnel would use every opportunity to recycle, reuse, and recover materials and divert waste from the landfill when possible.

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 “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, items 1.15 "Support buildings."

"Idaho National Laboratory Radiological Response Training Range Environmental Assessment and Finding of No Significant Impact" (DOE/EA-1776, October 2010)."

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Justification: Project activities described in this EC are consistent with 10 CFR 1021, Appendix B to Subpart D, item B1.15 "Siting, construction or modification, and operation of support buildings and support structures (including, but not limited to, trailers and prefabricated and modular buildings) within or contiguous to an already developed area (where active utilities and currently used roads are readily accessible). Covered support buildings and structures include, but are not limited to, those for office purposes; parking; cafeteria services; education and training; visitor reception; computer and data processing services; health services or recreation activities; routine maintenance activities; storage of supplies and equipment for administrative services and routine maintenance activities; security (such as security posts); fire protection; small-scale fabrication (such as machine shop activities), assembly, and testing of non-nuclear equipment or components; and similar support purposes, but exclude facilities for nuclear weapons activities and waste storage activities covered in B1.10, B1.29, B1.35, B2.6, B6.2, B6.5, B6.6, and B6.10 of this appendix."

In addition, the environmental impacts from construction of temporary structures and appropriate props to simulate urban environments at the RRTR were analyzed in "Idaho National Laboratory Radiological Response Training Range Environmental Assessment and Finding of No Significant Impact" (DOE/EA-1776, October 2010)."

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: 6/08/2017