

DOE-ID NEPA CX DETERMINATION

Idaho National Laboratory

SECTION A. Project Title: Electric Vehicle Charging Station Installation at IRC, IAB, and EROB

SECTION B. Project Description and Purpose:

To promote goals in the Idaho National Laboratory (INL) Sustainability Plan, the proposed action installs electric vehicle charging stations, mounted on concrete pedestal footings, near the INL Administration Building (IF-606), the INL Research Center (IRC) (IF-605), and the Engineering Research Office Building (IF-654). The project removes the existing charging stations and replaces or reuses electrical conduit and conductors, wire, heater racks, heater J-box, heater, signs and signposts and installs a new pre-cast concrete pad for anchoring the air monitor at IRC. The system ties into the existing electrical circuits. Project activities require asphalt removal and replacement, soil excavation, replacing parking curbs, and repainting parking stalls.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions

Proposed activities have the potential to contribute to air emissions from operating fuel burning equipment and using construction equipment. If mobile sources (equipment) will be used temporarily, they must meet Idaho Administrative Procedures Act (IDAPA) 58.01.01.625 visible emission opacity requirements.

Fugitive dust may be generated during proposed work.

Discharging to Surface-, Storm-, or Ground Water

If drains or grates are present in the area, there is potential for materials or chemicals to be inadvertently discharged to these structures. An increase in the volume, velocity, or temperature of storm water discharges is not anticipated.

Disturbing Cultural or Biological Resources

Soil disturbance has the potential to disturb cultural resources if unknown resources are inadvertently discovered.

Disturbance of the area may impact migratory birds.

Generating and Managing Waste

The project activities will generate industrial (non-hazardous, non-radioactive) wastes such as wiring, metal, and asphalt. Potential waste materials will be evaluated for waste minimization prior to generation, and industrial waste generated during proposed activities will be evaluated for recycling opportunities prior to disposal.

All solid waste will be managed by WGS using approved laboratory procedures.

Releasing Contaminants

Typical construction chemicals such as fuels, lubricants, adhesives, concrete, concrete cure, asphalt, etc., will be used and will be submitted to chemical inventory lists with associated Safety Data Sheets (SDSs) for approval in the vendor data system prior to use. The facility Chemical Coordinator will enter these chemicals into the INL Chemical Management Database. All chemicals will be managed in accordance with laboratory procedures. When dispositioning surplus chemicals, project personnel must contact the facility Chemical Coordinator for disposition instructions.

Pesticides may be applied on areas where overfill parking will be expanded and where the temporary parking area will be established, once identified.

Although not anticipated, there is a potential for spills when using chemicals or fueling equipment. In the event of a spill, notify facility PEL. If the PEL cannot be contacted, report the release to the Spill Notification Team (208-241-6400). Clean up the spill and turn over spill cleanup materials to WGS.

Using, Reusing, and Conserving Natural Resources

All materials would be reused and/or recycled where economically practicable. All applicable waste would be diverted from disposal in the landfill where conditions allow. The project would practice sustainable acquisition.

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

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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 B5.23, "Electric vehicle charging stations."

Justification: Project activities are consistent with 10 CFR 1021, Appendix B, B5.23, "The installation, modification, operation, and removal of electric vehicle charging stations, using commercially available technology, within a previously disturbed or developed area. Covered actions are limited to areas where access and parking are in accordance with applicable requirements (such as local land use and zoning requirements) in the proposed project area and would incorporate appropriate control technologies and best management practices."

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: 10/16/19