

**DOE-ID NEPA CX DETERMINATION  
Idaho National Laboratory**

**SECTION A. Project Title:** REC Electric Vehicle Charger Installation

**SECTION B. Project Description and Purpose:**

The proposed activity installs four electric vehicle charging stations at the Research and Education Campus (2 at the WCB, 1 at EIL, and 1 at ESL). The work requires construction of concrete pads and installation of breaker boxes, conduit, and associated wiring to the charging stations. The project is estimated to be completed prior to the end of FY-18 at a cost of approximately \$50 K.

**SECTION C. Environmental Aspects or Potential Sources of Impact:**

**Air Emissions**

Fugitive dust may be generated during penetration of asphalt, soil, or concrete in order to provide for installation of the charging stations.

**Discharging to Surface-, Storm-, or Ground Water**

If drains/grates are present in the area, it is possible that materials used or produced during the activity (asphalt, concrete, soil, spills) could inadvertently enter these structures.

**Disturbing Cultural or Biological Resources**

Although highly unlikely, soil disturbance could reveal cultural resources. Nesting birds may be present in the vicinity.

**Generating and Managing Waste**

Typical construction (non-radioactive, non-hazardous) waste such as concrete, asphalt, and metal will be generated.

**Releasing Contaminants**

Although not expected, spills (e.g., petroleum products) may occur.

**Using, Reusing, and Conserving Natural Resources**

Materials such as electrical conduit pieces and other metal will be recycled or reused where practicable.

**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, B5.23 "Electric vehicle charging stations".

**Justification:** Project activities are consistent with 10 CFR 1021, Appendix B5.23 "The installation, modification, operation...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: 8/02/2018