

DOE-ID NEPA CX DETERMINATION

Idaho National Laboratory

SECTION A. Project Title: Water Line from CFA to Live Fire Range Complex

SECTION B. Project Description and Purpose:

This project scope describes the install of a new distribution water line extension from CFA to the INL Live Fire Range to supply the new Consolidated Training Facility. The CFA main will be extended to the northwest approximately 2 miles to the Live Fire Range. The project will construct the distribution line along a portion of Colorado Street and West Portland Avenue. The distribution line will provide blind flanges at strategic locations so that existing structures and new structures can be connected. The waterline project will have a maximum ground disturbance of 80 feet along the path of the waterline, 40 feet on either side to allow for equipment staging and travel, and material storage. Maximum depth of the waterline will be approximately 6 feet. The new water distribution line can be seen in Figure 1.

Figure 1.



SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions

N/A

Discharging to Surface-, Storm-, or Ground Water

N/A

Disturbing Cultural or Biological Resources

A Section 106 review (CRR) will be completed prior to contract award under project number, BEA-23-03.

Generating and Managing Waste

This project has the potential to generate large quantities of excess soil. Environmental, Cultural and Biological resource personnel will determine locations (out of storm water corridor, limited sage brush disturbance, previously disturbed areas, etc.) to place this soil.

Releasing Contaminants

The project will purchase, store, and use chemicals for construction activities such as oils, petroleum products, cleaners, etc. Project personnel may use non-hazardous chemical substitutes in the place of hazardous chemicals if the nonhazardous substitutes meet the requirements and specifications of the requester. In addition, project personnel will use spill prevention/minimization measures during storage and use of chemicals and fuels. Ensure 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. Although not anticipated, spills could occur when using chemicals or fueling equipment. In the event of a spill, notify facility Environmental Staff. If the Environmental Staff cannot be

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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

The Project will reuse and recycle materials where economically practicable and will divert waste from disposal in the CFA Landfill, where conditions allow.

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:

B1.15 "Support buildings"

Justification:

B1.15 Support buildings. 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, such as activities covered in B1.10, B1.29, B1.35, B2.6, B6.2, B6.4, B6.5, B6.6, and B6.10 of this appendix.

Is the project funded by the American Recovery and Reinvestment Act of 2009 (Recovery Act) Yes No

Approved by Jason L. Anderson, DOE-ID NEPA Compliance Officer on: 03/27/2023