

# DOE-ID NEPA CX DETERMINATION Idaho National Laboratory

**SECTION A. Project Title: Construction Support Yard**

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

MFC needs a construction laydown area for construction support for material transfer and equipment staging. The proposed project area is north of the new Subcontractor entrance on the East side of MFC, see figure below. The proposed action uses graders, dozers, dump trucks and rollers to prep the area. Once grubbing is complete, the project will use native soil left over from construction of the administration building as the base for this parking area. Additional material (3/4 crush @ 6 inches) will be hauled in and compacted to a semi solid surface. The finished area will have 3/4 inch crushed gravel similar to the parking lot area in front of MFC. The proposed area for the laydown yard starts at a point one hundred feet to the east and 100 feet to the north of the entrance access and extends five hundred feet to the north, turns east and continues approximately three hundred feet to the east of the current MFC perimeter fence. The area is approximately 300-ft x 500-ft

This area will be used for material and equipment transfer and staging only (trailers, conexes, and rented equipment).

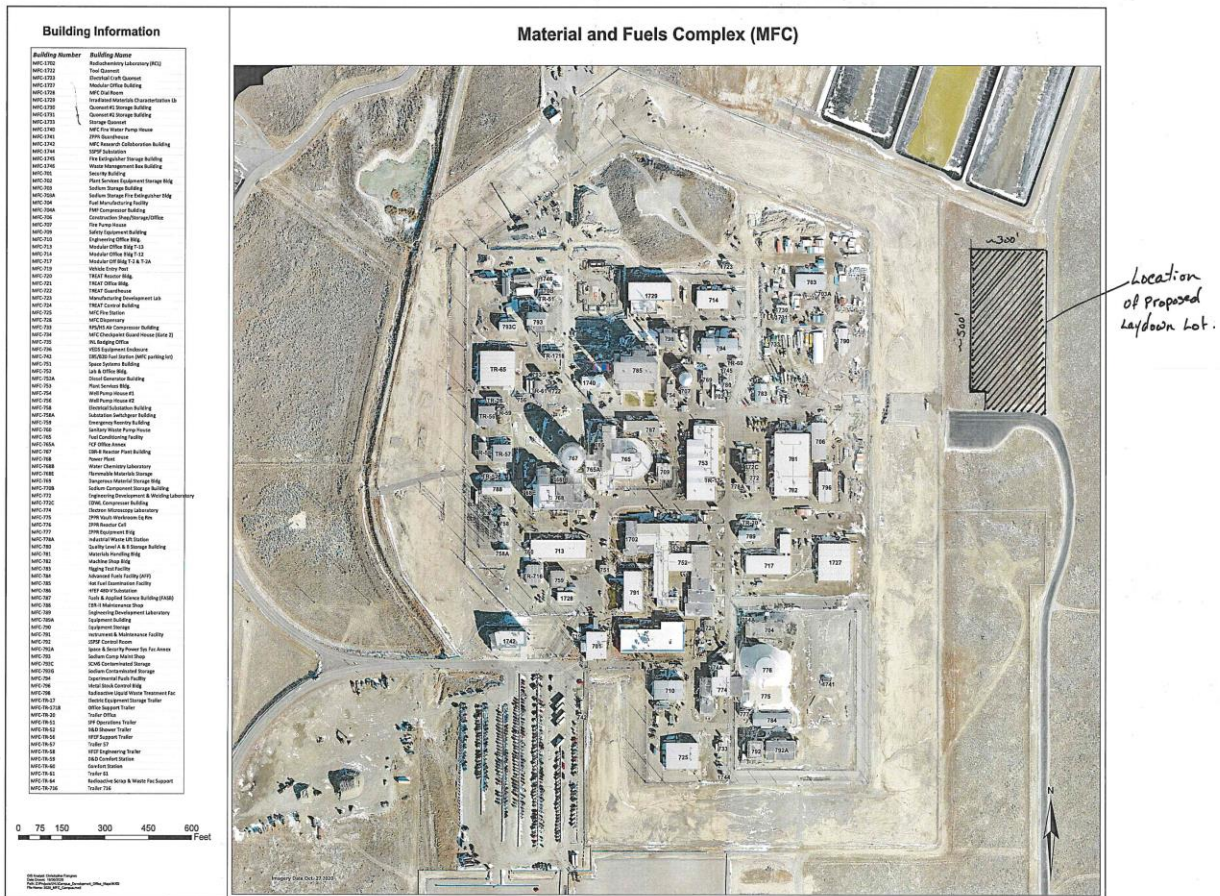


Figure showing location of proposed construction support yard

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

**Air Emissions**

The work associated with this project will include mobile equipment including dozers, graders, dump trucks and rollers, which are powered by diesel fuel. As mobile equipment, such equipment is exempted as mobile internal combustion engines per IDAPA 58.01.01.222.02.e.

Project activities has the potential to contribute to air emissions from the operation of fuel burning 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.

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

With the proposed construction laydown area the snowmelt/stormwater would either permeate down or flow to the existing drainage south and east of the construction laydown area.

### Disturbing Cultural or Biological Resources

Prior to conducting any work a cultural resource review must be completed. Contact INL CRMO (Reese Cook, 208.526.4029 or reese.cook@inl.gov) to initiate cultural resource review.

Activities will involve vegetation removal and soil disturbance and may require pesticide application conducted on areas with native or naturalized vegetation.

Disturbance of the area may impact migratory birds and bird nests on the INL Site.

### Generating and Managing Waste

Industrial waste (nonhazardous, nonradioactive) will be generated from the project and will include minimal removal of grub associated with some soil while prepping the area, which will be sent to the CFA Landfill Complex. Any additional waste generated during the project will be turned over and managed by Waste Generator Services.

The project area is 300-ft x 500-ft and has minimal vegetation. The project will generate approximately 14 cubic yards of grub/soil that will be transferred to the CFA Landfill Complex. Soil from past construction activities associated with the admin building will be used as the base for this parking area and to fill in low areas.

### Releasing Contaminants

Typical construction chemicals such as fuels or lubricants, 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.

The proposed areas are not located in a CERCLA site, so no Notice of Soil Disturbance is required.

Pesticides may be applied on areas where native or naturalized vegetation has been removed.

Although not anticipated, there is a potential for spills when using fueling equipment. In the event of a spill, notify facility Environmental Manager. If the Environmental Manager 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.

**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, item B1.15 "Support buildings".

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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".

Is the project funded by the American Recovery and Reinvestment Act of 2009 (Recovery Act)

Yes  No

Approved by Jason Anderson, DOE-ID NEPA Compliance Officer on: 04/07/2021