

**U.S. DEPARTMENT OF ENERGY
OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY
NEPA DETERMINATION**



RECIPIENT: NREL

STATE: CO

PROJECT TITLE : NREL-24-004 FTLB Remodeling with fume hood removal - STM

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-AC36-08GO28308	GFO-NREL-24-004	GO28308

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Policy 451.1), I have made the following determination:

CX, EA, EIS APPENDIX AND NUMBER:

Description:

DOE/EA-1968 (NREL STM)	SITEWIDE ENVIRONMENTAL ASSESSMENT, U.S. DOE NATIONAL RENEWABLE ENERGY LABORATORY, SOUTH TABLE MOUNTAIN CAMPUS, GOLDEN, COLORADO
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Rationale for determination:

The U.S. Department of Energy's (DOE) National Renewable Energy Laboratory (NREL) proposes to remodel interior laboratory space within the Field Test Laboratory Building (FTLB) located at the NREL South Table Mountain campus in Golden, Colorado.

Project Description

The purpose of the proposed project is to modify existing laboratory space to accommodate new research. The laboratories that would be upgraded in the FTLB are 173, 174, 175-01, 176, and 178.

In 173, 174, and 175-01, work would include removing casework, hoods, walls, and electrical equipment. In 176 and 178, a fan coil unit and associated air distribution equipment would be removed. The fume hood in 174 is contaminated with asbestos. A licensed abatement contractor would remove the asbestos-containing cement board liners. The non-contaminated hoods and ductwork would be cleaned, tested, and prepared for disposal.

Once each laboratory has equipment and infrastructure removed, new equipment would be installed, such as fume hoods, ductwork, LED lighting and controls, and mechanical systems (including adjacent office areas). New utility connections would also be made, including power, data, gas, utilities, and fire protection.

Work would occur in early 2024 and would extend to late 2024 or early 2025.

Analysis

The proposed project would not involve ground disturbance as all construction activities would occur within the FTLB.

Waste materials that are generated, which would include demolition debris, non-contaminated fume hood components, packing materials, and miscellaneous job site waste, would be disposed of in accordance with requirements. Components that cannot be decontaminated would be encapsulated and disposed of as hazardous waste in accordance with NREL's hazardous waste procedures and regulatory requirements.

Indoor emissions of particulate matter from construction activities that could result from project activities are expected to be de minimis and would not add to the local load of air pollutants. Controls would be implemented to ensure protection of indoor air quality in accordance with NREL health and safety protocols.

Individuals working on this project could be exposed to physical, chemical, and electrical hazards. Existing corporate health and safety policies and procedures would be followed including employee training, proper protective equipment, engineering controls, and monitoring. Work would be performed in accordance with the decommissioning plan and Safe Work Permit. Additional policies and procedures would be implemented as necessary if new health and safety risks are identified.

NEPA PROVISION

DOE has made a final NEPA determination.

Notes:

NREL
Nicole Serio, 1/2/2024

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:  Electronically Signed By: Matthew Blevins Date: 1/3/2024
NEPA Compliance Officer

FIELD OFFICE MANAGER DETERMINATION

- ☒ Field Office Manager review not required
☐ Field Office Manager review required

BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :

Field Office Manager's Signature: _____ Date: _____
Field Office Manager