

PMC-ND

(1.08.09.13)

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



RECIPIENT: NREL

STATE: CO

PROJECT TITLE : NREL-17-017 FTLB Fume Hood Abatement and Replacement

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-AC36-08GO28308	NREL-17-017	GO28308

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

**CX, EA, EIS APPENDIX AND NUMBER:**

## Description:

**B1.16 Asbestos removal** Removal of asbestos-containing materials from buildings in accordance with applicable requirements (such as 40 CFR part 61, "National Emission Standards for Hazardous Air Pollutants"; 40 CFR part 763, "Asbestos"; 29 CFR part 1910, subpart I, "Personal Protective Equipment"; and 29 CFR part 1926, "Safety and Health Regulations for Construction"; and appropriate state and local requirements, including certification of removal contractors and technicians).

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

## Rationale for determination:

The U.S. Department of Energy (DOE) is proposing to provide funding to the National Renewable Energy Laboratory (NREL) to remove and replace 19 chemical hoods at the South Table Mountain (STM) campus Field Test Laboratory Building (FTLB). Of the 19 hoods, 5 would require special handling measures.

Three of the chemical hoods have asbestos-containing cement board liners. An experienced and licensed abatement contractor would remove the liners and collect them in sealed, labeled, impermeable bags or containers and dispose of them appropriately. All asbestos abatement work would be done in strict compliance with NREL, EPA, OSHA, and State of Colorado requirements.

Two of the fume hoods have been exposed to work with radiological materials. Although the external surfaces of the hoods have been cleaned previously, additional testing would be performed to determine if any of the non-exposed areas, such as the back of the hoods, have been contaminated. If contamination is found, the hoods would be thoroughly cleaned and resampled as needed to be cleared for disposal. All survey and decontamination materials (swipe pads, paper towels, gloves, scintillation vials, etc.) would be bagged and disposed of appropriately. One of the contaminated fume hoods also has asbestos containing materials which would be managed as described above.

Approximately 22 cubic feet of contaminated materials would be disposed of. Non-hazardous materials generated from the proposed project include the fume hoods, which would be recycled or disposed of as solid waste as appropriate.

All project activities would occur indoors in laboratory space and would not affect cultural resources, threatened or endangered species, wetlands, floodplains, or prime farmlands.

Workers could potentially be exposed to chemical, radiological, and physical hazards from this project. Existing corporate health and safety policies and procedures would be followed including employee training, proper protective equipment, engineering controls, monitoring, and internal assessments. Additional policies and procedures would be implemented as necessary if new health and safety risks are identified.

Based on the review of the proposal, DOE has determined the proposed project would not have a significant individual or cumulative impact to human health and/or the environment. DOE has determined the proposal fits within the class of action and the integral elements of 10 CFR 1021 subpart B outlined in the DOE categorical exclusion selected above and also determined that the proposed action is consistent with and bounded by the activities that are analyzed

in the Department of Energy's STM Site-Wide Environmental Assessment (DOE/EA-1968) and FONSI. This proposal is categorically excluded from further NEPA review.

**NEPA PROVISION**

DOE has made a final NEPA determination for this award

Insert the following language in the award:

If the Recipient intends to make changes to the scope or objective of this project, the Recipient is required to contact the Project Officer, identified in Block 15 of the Assistance Agreement before proceeding. The Recipient must receive notification of approval from the DOE Contracting Officer prior to commencing with work beyond that currently approved. If the Recipient moves forward with activities that are not authorized for Federal funding by the DOE Contracting Officer in advance of a final NEPA decision, the Recipient is doing so at risk of not receiving Federal funding and such costs may not be recognized as allowable cost share.

Note to Specialist :

NREL  
NEPA Determination Prepared By Nicole Serio 6/26/2017

**SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.**

NEPA Compliance Officer Signature:

 Electronically Signed By: Kristin Kerwin  
NEPA Compliance Officer



Date: 6/26/2017

**FIELD OFFICE MANAGER DETERMINATION**

Field Office Manager review required

**NCO REQUESTS THE FIELD OFFICE MANAGER REVIEW FOR THE FOLLOWING REASON:**

- Proposed action fits within a categorical exclusion but involves a high profile or controversial issue that warrants Field Office Manager's attention.
- Proposed action falls within an EA or EIS category and therefore requires Field Office Manager's review and determination.

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

Field Office Manager's Signature:

\_\_\_\_\_  
Field Office Manager

Date: \_\_\_\_\_