

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 : CoMET Chemical Storage Container - Flatirons Campus

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-AC36-08GO28308	NREL-20-013	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 1914 (NREL NWTC) Final Site-Wide Environmental Assessment of the Department of Energy's National Wind Technology Center at the National Renewable Energy Laboratory

Rationale for determination:

The U.S. Department of Energy's (DOE) National Renewable Energy Laboratory (NREL), is proposing to purchase and install a specialized chemical storage container that would house supplies needed for ongoing research at the Composites Manufacturing Education and Technology (CoMET) facility on the NREL Flatirons Campus.

The storage container would be installed on a new concrete pad that would be placed on the north-west edge of the CoMET facility, adjacent to the west driveway. The proposed location is currently hardscaped with large gravel to allow for drainage. Total ground disturbance for the project would be approximately 800 sq. ft.

Installation activities would include removing existing hardscape material, leveling surface, pouring a concrete pad, attaching the storage container, and installing an electrical conduit with wiring between the CoMET and the container.

The concrete pad would be approximately 28'x8'x1' to fit the 25.5' x 6.5' x 8.5' sized container. A PVC pipe would be installed under the pad to allow water to drain to the existing concrete swale along the driveway.

The container being proposed for purchased is a Portable Hazardous Material Storage Building, model #25DT, made by Environmental Compliance Products. It is 4-hour rated with a Class 1 Div 2 built-in dry chemical fire suppression system; a HVAC system capable of maintaining 65 degrees Fahrenheit throughout the year; and a built in secondary spill containment of 748 gallons. An electrical conduit would extend from the CoMET to provide power to the container.

The chemicals that would be stored in the container may include, but may not be limited to: acetone, Elium 188, Mold Cleaner EZ/Sealer EZ/Release 2719W, Bostick, Hexion, and Marine Clear Gelcoat. These would be purchased and stored in containers of up to 55 gallons. A maximum of twenty 55-gallon chemical drums could be stored at one time. The chemical drums would be stored, transported and disposed of all according to NREL hazardous waste and safety procedures.

Ground disturbing activities would be conducted in accordance with NREL Procedures, including the Stormwater Pollution Prevention for Construction Activities: Flatirons Campus. Existing NREL health and safety policies and procedures would be followed including employee training, proper protective equipment, engineering controls, monitoring, and internal assessments.

There are no known cultural resources, wetlands, floodplains, or prime farmlands at the Flatirons Campus, therefore this project would not adversely affect these resources. The site has designated critical habitat for the Preble's meadow jumping mouse at the southeast corner, however, the proposed activities would take place near this area and would not affect this habitat.

Based on the review of the proposed activities, DOE has determined that this project falls into the category of "infrastructure upgrades", which was analyzed in section 2.1.1 Increasing and Enhancing Research and Support Capabilities of the 2014 Final Site-Wide Environmental Assessment of the NREL NWTC (DOE/EA-1914). DOE has

determined that this activity is bound by the environmental impact analysis contained in this EA and the respective FONSI, and no further NEPA review is required.

NEPA PROVISION

DOE has made a final NEPA determination.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:  Electronically Signed By: Lisa Jorgensen Date: 12/19/2019
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