

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 - NWTC Salt Storage Building; NREL Tracking No. 17-012

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-AC36-08GO28308	NREL-17-012	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:

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
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Rationale for determination:

The U.S. Department of Energy (DOE) proposes to construct a salt storage facility at the National Renewable Energy Laboratory (NREL) National Wind Technology Center (NWTC) located in Boulder, Colorado.

The proposed project would result in a concrete storage facility located to the west of the DERFT and existing photovoltaic array to store salt for snow melt. Approximately 0.08 acres would be graded and cleared. A 30' x 30' x 8" concrete slab would be constructed, and the storage facility would be built on the slab. A 3250 square foot area would be paved with asphalt that is seven inches deep to facilitate truck movement. The storage facility structure would be a 30' x 30' x 5' concrete walled enclosure that is open on the southeast side for truck access. The structure would be covered with a tarp, and a roof would be constructed in the future. Concrete-filled, steel bollards would be installed at the southeast and northeast position of the building for protection.

To avoid salt runoff to adjacent areas, an infiltration basin and concrete pan would be constructed. A 0.08 acre area would be graded and cleared and excavated to three feet deep. The infiltration basin would be 110' x 40' and constructed to the northeast of the facility, and a 4' wide and 6" deep concrete pan would be installed on the southeast side of the building to direct any runoff to the infiltration basin.

The proposed project would have short-term land disturbing impacts of approximately 0.16 acres during the construction phase. All work would occur on NREL property. All ground disturbing activities would be conducted in accordance with NREL Lab Level Procedure 6-1.29: Stormwater Pollution Prevention for Construction Activities: National Wind Technology Center. The disturbed area would be revegetated using salt-tolerant plants such as inland saltgrass.

Project activities would not affect cultural resources, threatened or endangered species, wetlands, floodplains, or prime farmlands.

Mobile air emissions from construction equipment, such as excavators, back hoes, concrete trucks, support trucks, etc., would be negligible and short-term. Fugitive dust would be controlled using a water truck in accordance with NREL policies and procedures, and wastewater from this activity would be stored in a 350 gallon tote and drained to the septic system every two weeks. Construction waste generated during the construction phase of this project would be reused, recycled, or disposed of in accordance with applicable regulations and NREL policy and procedures. No long-term emissions would result from this project. Construction-related noise would consist of a short-term, intermittent increase in ambient noise levels and would follow applicable noise ordinances.

Based on review of the project information and the above analysis, 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 proposed action is consistent with and bounded by the activities that are analyzed in the Department of Energy's NWTC Site-Wide Environmental Assessment (DOE/EA-1914) and FONSI.

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.

Insert the following language in the award:

You are required to:

If construction work were to take place between March 15 and September 15, a nesting bird survey shall be conducted. If an active nest is located, work can commence outside a 50' buffer until young have fledged the nest.

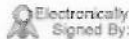
Note to Specialist :

NREL

Prepared by Nicole Serio, April 13, 2017

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____



Kristin Kerwin

NEPA Compliance Officer

Date: _____

4/17/2017

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: _____