

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-18-011 HFSF Asphalt Replacement**

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-AC36-08GO28308	NREL-18-011	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-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 (DOE) proposes to improve the condition of the asphalt test pad area at the High Flux Solar Furnace at the National Renewable Energy Laboratory (NREL) South Table Mountain (STM) campus located in Golden, Colorado.

Approximately 14,000 square feet of surface asphalt would be removed and recycled, and approximately 3 inches of soil would be removed and reused offsite. The subgrade would be re-compacted and new subgrade material would be added as needed to low areas. The area would then be covered with either six inches of new asphalt or five inches of concrete. In addition, a 6" high curb would be installed around a mechanical unit on the north side of the control building to reduce ponding and facilitate proper water drainage.

Project activities would not affect cultural resources, threatened or endangered species, wetlands, floodplains, or prime farmlands and no permits would be required. A migratory bird nesting survey would be completed if project activities occur between March 15 and September 15. If nests or eggs are found, the area would be cordoned off with a proper buffer until nestlings fledge. All ground disturbing activities would be conducted in accordance with NREL Lab Level Procedure 6-1.28: Stormwater Pollution Prevention for Construction Activities: South Table Mountain Site.

Mobile air emissions from construction equipment, such as an excavator, trucks, and asphalt or concrete-related installation equipment, would be negligible and short-term. Construction-related noise would consist of a short-term, intermittent increase in ambient noise levels and would follow applicable noise ordinances. Construction waste would be reused, recycled, or disposed of in accordance with applicable regulations and NREL policy and procedures.

Individuals working on this project could be exposed to physical and electrical hazards during the course of this project. Existing corporate health and safety policies and procedures would be followed including employee training, proper protective equipment, engineering controls, and monitoring. Additional policies and procedures would be implemented as necessary if new health and safety risks are identified.

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 STM Site-Wide Environmental Assessment (DOE/EA-1968) 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:

A migratory bird nesting survey will be completed if project activities occur between March 15 and September 15.

Note to Specialist :

NREL

Nicole Serio 3/9/2018

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____



NEPA Compliance Officer

Date: 3/12/2018

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: _____