

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 : STM FTLB Landscaping Project; NREL Tracking No. 15-031

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-AC36-08GO28308	NREL-15-031	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 a landscape improvement project for the Field Test Laboratory Building (FTLB) at the National Renewable Energy Laboratory (NREL) South Table Mountain (STM) campus located in Golden, Colorado.

The project would include the landscaping surrounding the south side of the building and would include the following tasks:

- 1) Removal of existing gravel, dead vegetation, irrigation heads and lines, crushed rock path to stair, and metal edging
- 2) Soil preparation and new irrigation system installation
- 3) Planting, mulching, and seeding
- 4) Installation of new filter fabric, crushed gravel and metal edging.

Additional details of the proposed project can be found in the Project Management Plan and the Landscape Planting Plan uploaded to the PMC.

The proposed project would impact up to 8,000 square feet of existing landscape that has been previously disturbed. All areas to be disturbed would remain managed as a landscaped area and would not be converted to hardscape. 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. The proposed project would require water consumption for irrigation, but would result in a net decrease in campus water consumption by replacing the existing system with a more efficient one.

Any mobile air emission sources from construction equipment, such as back hoes, support trucks, etc., would be negligible and short-term. Construction-related noise would consist of a short-term, intermittent increase in ambient noise levels and would abide by applicable noise ordinances.

Per agency consultations conducted during the Site-Wide Environmental Assessment for the NREL South Table Mountain campus (DOE/EA-1968), no cultural resources, threatened or endangered species, wetlands, floodplains, or prime farmlands would be impacted by this proposed project. A migratory bird nesting survey would be conducted prior to project activity. If nests or eggs are found, the particular area would be cordoned off with a proper buffer until nestlings fledge. This would ensure that no migratory birds, nests or eggs are destroyed during the proposed project.

Hazardous materials and waste generated during the construction phase of this project would be very minimal and managed in accordance with applicable regulations and NREL policy and procedures. Construction waste would be

segregated and recycled to the extent practicable. Construction contractors would abide by applicable environmental, health, and safety regulations and NREL procedures.

Based on review of the project information and the above analysis, DOE has determined that the activities associated with the proposed project would not have a significant individual or cumulative impact to human health and/or environment. DOE has determined that the proposed landscape maintenance and upgrades are bounded by the analysis of the December 2014 NREL STM Site-Wide Environmental Assessment (DOE/EA-1968) and its Findings of No Significant Impact, and no further NEPA review is required.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

If you intend to make changes to the scope or objective of your project you are required to contact the Project Officer identified in Block 11 of the Notice of Financial Assistance Award before proceeding. You must receive notification of approval from the DOE Contracting Officer prior to commencing with work beyond that currently approved.

Note to Specialist :

NEPA review by Rob Smith on 9/1/2015.
National Renewable Energy Laboratory

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____

Electronically
Signed By: Lori Gray

NEPA Compliance Officer

Date: 9/2/2015

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: _____