PMC-EF2a

(2.06.02)

U.S. DEPARTMENT OF ENERGY
EERE PROJECT MANAGEMENT CENTER
NEPA DETERMINATION

RECIPIENT: State of Wisconsin - Office of Energy Independence **STATE:** WI

PROJECT TITLE: WI Biodiesel Blending Program

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
CDP	DE-EE0003117	GFO-10-414	EE3117

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:

A9 Information gathering (including, but not limited to, literature surveys, inventories, audits), data analysis (including computer modeling), document preparation (such as conceptual design or feasibility studies, analytical energy supply and demand studies), and dissemination (including, but not limited to, document mailings, publication, and distribution; and classroom training and informational programs), but not including site characterization or environmental monitoring.

B5.1 Actions to conserve energy, demonstrate potential energy conservation, and promote energy-efficiency that do not increase the indoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, designers), organizations (such as utilities), and state and local governments. Covered actions include, but are not limited to: programmed lowering of thermostat settings, placement of timers on hot water heaters, installation of solar hot water systems, installation of efficient lighting, improvements in generator efficiency and appliance efficiency ratings, development of energy-efficient manufacturing or industrial practices, and small-scale conservation and renewable energy research and development and pilot projects. The actions could involve building renovations or new structures in commercial, residential, agricultural, or industrial sectors. These actions do not include rulemakings, standard-settings, or proposed DOE legislation.

Rational for determination:

This NEPA determination applies to the Fusion Renewables, LLC project selected by the Wisconsin Office of Energy Independence to receive federal funding. The Office of Energy Independence selected the project proposed by Fusion Renewables, LLC and proposes to provide $300,000 in federal funding to upgrade and renovate an existing fuel blending terminal to enable it to store and blend biodiesel with petroleum diesel. The terminal that has been selected is located at the Port of Milwaukee at 1626 S. Harbor Dr Milwaukee, WI.

The terminal would be modified to allow for the transfer of biodiesel fuel from barges to tanks, storage, transfer to blending equipment at loading stations, and dispensing of the mixed product. The transfer of fuel from barges to land-based tanks would require Fusion to submit a plan to Coast Guard for permitting purposes. The Coast Guard plan includes three individual plans that will be developed as part of this project:

1. Facility Response Plan – plans on how to deal with spills at the dock
2. Dock Operations Manual – plan for operations during the transfer of fuels at the dock
3. Facility Security Plan – plan for lock down during transfers.

Modifications to the terminal would include repairing and reconfiguring existing pipeline and repairing and upgrading an existing valve pit, upgrading existing tanks (no new tanks are required), installation of a metal building to enclose existing stack tanks, and adding and outfitting a new truck loading position. The fuel blended at this terminal will replace (not add to) petroleum and diesel sales at other terminals. The DOE funded project does not include any purchase, storage, blending, dispensing, distribution, or use of any of the fuel.

The modifications to the terminal would increase the number of barges to the site (approximately 1 barge/month). Each barge carries 60,000 bbls and would be in the port and docked at the pier for approximately 48 hours. Only one barge would dock at the pier at a time. The barges would be transporting fuel from various refineries on Lake Michigan. The barges would travel between 100-1000 miles to deliver the fuel. Currently, within the port area, other sites receive asphalt deliveries from barges.

The modifications would not have an effect on the rail traffic. The truck traffic would increase from 5 trucks to 20 trucks per day and there would be additional vehicle traffic from 2-3 full time employees at the terminal. The increase in truck traffic would not have a measurable impact on the surrounding communities. The trucks and employee vehicles would use the 6-8 lane highway that runs adjacent to the terminal to access other highways in the area to distribute fuel.

During renovation and construction, increased noise, welding vapors, paint fumes, and traffic will occur. During

operation, the air emissions would be the same as they are currently. The terminal is surrounded by industrial and commercial facilities and as such there are no sensitive receptors that would be impacted by the incremental increase in daily truck noise. This project would not impact cultural resources, wetlands, floodplains, or threatened or endangered species.

This project comprises activities necessary to modify an existing diesel blending terminal to enable the blending of biodiesel. This is an action intended to conserve energy and promote the use of renewable fuels in place of petroleum-based fuel. As such, CX B5.1 applies. CX A9 applies to the project managment and planning activities.

NEPA PROVISION

DOE has made a conditional NEPA determination for this award, and funding for certain tasks under this award is contingent upon the final NEPA determination.

Insert the following language in the award:

You are restricted from taking any action using federal funds, which would have an adverse affect on the environment or limit the choice of reasonable alternatives prior to DOE/NNSA providing either a NEPA clearance or a final NEPA decision regarding the project.

Prohibited actions include:
This NEPA determination applies to the Fusion Renewables, LLC subaward only. The recipient intends to select another project to fund at a later date and is required to submit a new EF-1 for that project.

This restriction does not preclude you from:
The Fusion Renewables, LL subaward as described in this NEPA determination and project management and administrative activities.
If you move forward with activities that are not authorized for federal funding by the DOE Contracting Officer in advance of the final NEPA decision, you are doing so at risk of not receiving federal funding and such costs may not be recognized as allowable cost share.

Note to Specialist :

None Given.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 9/29/2011
NEPA Compliance Officer

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: _____ Date: _____
Field Office Manager