PMC-EF2a

(2.04.02)

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

RECIPIENT: IL Dept. of Commerce & Economic Opportunity **STATE:** IL

PROJECT TITLE: Fos Biofuels

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000052	EE0000119		0

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:

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:

The Illinois Department of Commerce & Economic Opportunity will provide $219,250 in Recovery Act funds to Fos Biofuels for the construction of a biodiesel production refinery. The refinery will be constructed in a vacant warehouse located at 4808 West Wilson, Chicago, Illinois. The facility is projected to have an annualized capacity of between 250,000 and 500,000 gallons per year. The existing warehouse site has adequate square footage, electrical system, and infrastructure to meet production needs. The feedstock for the facility will be local yellow and brown grease collected from restaurants.

The warehouse was formerly used for lumber storage and has been vacant for about seven years. An assessment of the facility indicates that there are no contamination issues and can adequately support the refinery operation. The project will involve installation of biodiesel processing equipment and grease storage tanks inside the warehouse. Methanol and the finished biodiesel will be stored outside the facility in above ground tanks. A 4 foot wall will be constructed for containment around the vertical grease tank. The methanol and biodiesel tanks will be double walled to ensure containment. The facility requires a US Environmental Protection Agency registration and a motor sale fuel permit from the Illinois Department of Revenue. Fos has applied for the permits necessary for its operation.

Based on information provided by the State and recipient, the work outlined is consistent with activities identified in Categorical Exclusion B5.1.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

According to the project officer, funding for this project is $219,250. Unless the scope of this effort changes significantly, a change in funding will not affect my determination.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 4/30/10
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