

PMC-EF2a

(3.04.02)

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



RECIPIENT: BioEnergy International LLC

STATE: CO

PROJECT
TITLE : BEI MySAB

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000096	DE-EE0002878	GFO-10-348	EE2878

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:

C12 Siting, construction, and operation of energy system prototypes including, but not limited to, wind resource, hydropower, geothermal, fossil fuel, biomass, and solar energy pilot projects.

Rational for determination:

DOE is proposing to provide funds to BioEnergy International LLC, to construct and operate a demonstration scale integrated biorefinery in Lake Providence, LA. The biorefinery would process grain sorghum, and eventually lignocellulosics, into organic acids and ammonium sulfate fertilizer. The proposed site in Lake Providence, LA was created by dredging materials from the Mississippi River following hurricanes in 2007.

DOE's NEPA evaluation needs to provide an analysis of impacts for at least the following:

- air quality, including greenhouse gases, biological and cultural resources, disturbance of wetlands to install infrastructure;
- geotechnical analyses to insure that the site can support the capital facilities;
- impacts related to construction and operation of the facility in the 100 year floodplain;
- use of biological materials (GMO strains);
- management of waste streams; and
- impacts of water discharge into the Mississippi.

DOE is required to complete an Environmental Assessment (see C12) before deciding to commit federal funds to this project. DOE previously CXed Budget Period 1 activities for this project. This determination that an Environmental Assessment is required applies to Budget Period 2 activities.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

None Given.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: [Signature]
NEPA Compliance Officer

Date: 4/28/10

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: [Signature]
Field Office Manager

Date: 4-28-10