

PMC-EF2a
(20102)

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



RECIPIENT: Enerkem

STATE: MS

PROJECT TITLE : Heterogeneous Biorefinery, Budget Period 2 (Ponotoc, MS)

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
EE0002882		GFO -10-262-001	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:

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 federal funding to Enerkem for the final design, construction and operation of a 330 tons-per-day scale gasification-to-ethanol technology using the biomass fraction of municipal solid waste as feedstock.

DOE is required to complete an Environmental Assessment (C12) before deciding to commit federal funds to this project. The Environmental Assessment, at a minimum, will provide an analysis of potential impacts of construction and operation of the facility on air quality (including greenhouse gases), biological and cultural resources.

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

Note to Specialist :

None Given.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:

NEPA Compliance Officer

Date: 5/13/10

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:

Field Office Manager

Date: 5-13-10