PMC-EF2a
(2.04.02)

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

RECIPIENT: Clemson University **STATE:** SC

PROJECT TITLE : BioEthanol Collaborative

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
CDP	DE-FG36-08GO88071	GFO-08-140b	GO0

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:

B3.6 Siting, construction (or modification), operation, and decommissioning of facilities for indoor bench-scale research projects and conventional laboratory operations (for example, preparation of chemical standards and sample analysis); small-scale research and development projects; and small-scale pilot projects (generally less than two years) conducted to verify a concept before demonstration actions. Construction (or modification) will be within or contiguous to an already developed area (where active utilities and currently used roads are readily accessible).

Rational for determination:

This project is a continuation of a previous project and will take place in a laboratory at the Clemson Biosystems Research Complex.

The proposed project will use funding to advance the current research, which established a manufacturing process for switchgrass cellulose to ethanol, to accommodate a variety of cellulosic materials including residuals from sweet sorghum processing and coastal loblolly pine.

No new permits are required to perform the proposed project. All permits required for facility operation are in place.

The proposed project will be using GMO yeast. The genetically modified organisms (GMOs) used are exempt from NIH Guidelines and registration with the Institutional Biosafety Committee under Sections III-F-3, III-F-5, and III-F-6 of Section III-F Exempt Experiments, NIH Guidelines for Research Involving Recombinant DNA Molecules, April 2002. Further, there will be no environmental release of GMOs and the GMOs will be contained as required by Institutional Biosafety Committee guidelines for Biosafety Level 1.

The proposed project is consistent with activities outlined in B3.6; therefore, this project has been categorically excluded from further NEPA review.

NEPA PROVISION
Note to Specialist :

None Given.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: Kristin Kerr Date: 9/2/2010
NEPA Compliance Officer

FIELD OFFICE MANAGER DETERMINATION

☐ Field Office Manager review required