PMC-EF2a
(2/06/02)

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

RECIPIENT: The Research Foundation of SUNY with place of Business at SUNY ESF **STATE:** NY

PROJECT TITLE : Hot Water Extraction of hardwood Chips and Utilization of the Residual Chips and Wood Extracts

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-FG36-07GO87004	GFO-GO87004-003	GO87004

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.

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:

The Research Foundation of SUNY proposes to use federal funding to evaluate the feasibility for woody biomass extraction (pretreatment) and utilization (fermentation) laboratory research. This CDP is an ongoing research project and it tied to GFO-07-136a & GFO-07-136.

This project will include hot water extraction studies on sugar maple woodchips, wood extracts utilization studies, and residual woodchips utilization studies.

This project will take place within a conventional laboratory using conventional laboratory research techniques. The applicant has submitted an R & D questionnaire which thoroughly addresses chemical and safety handling protocols.

This project is comprised of conventional research and development as well as feasibility studies of woodchips; therefore a CX A9 & B3.6 will apply.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

Eugene Brown 12-6-2010

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 12/7/2010
NEPA Compliance Officer

FIELD OFFICE MANAGER DETERMINATION