

PMC-EF2a

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



RECIPIENT: Vermont Sustainable Jobs Fund

STATE: VT

PROJECT TITLE : Vermont Biofuels Initiative: GSR

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FG36-08GO88182	DE-FG36-08GO88182	GFO-09-057r	GO88182

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:

Through their Vermont Biofuels Initiative, the Vermont Sustainable Jobs Initiative proposes to use federal funds to support the General Systems Research (GSR) project is to address challenges in developing native algae feedstock for oil production and to integrate algae production with the treatment of effluent, such as farm manure wastewater.

This project would entail selection of native algae strains and culturing; assessment of strain viability; statistical simulation modeling; testing for lipid/oil content. After the viability and the lipid testing of isolated native strain(s), it/they would be cultured in larger tanks utilizing farm wastewater from the UVM Dairy Farm.

This project is comprised of of conventional research and development within existing facilities on the UVM campus; therefore CX B3.6 applies.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

Eugene Brown 6-30-2010

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: Kristin Kerwin
NEPA Compliance Officer

Date: 6/30/2010**FIELD OFFICE MANAGER DETERMINATION** Field Office Manager review required