

PMC-EF2a

(20402)

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



RECIPIENT: Vermont Sustainable Jobs Fund

STATE: VT

PROJECT TITLE : Vermont Biofuels Initiative: Algepower

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FG36-08GO88182	DE-FG36-08GO88182	GFO-09-057q	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 the Algepower Inc.'s research and development project. The Algeponics® system has been developed to produce algal oil for biofuel by accelerating the onsite cultivation of algae. The company is currently testing a prototype-scale design to produce algae.

This project would entail the preparation of algae inoculant cultures at the University of Vermont (UVM) algae lab. The cultures would then be transported to the Algeponics system that has been installed at a local farm. Samples would be taken from the Algeponics system and analyzed at the University of Vermont.

This project is comprised of conventional research and development using existing facilities; 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