

PMC-ND  
(1.08.09.13)

**U.S. DEPARTMENT OF ENERGY  
OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY  
NEPA DETERMINATION**



RECIPIENT: Hawaii BioEnergy LLC

STATE: HI

PROJECT TITLE : Advancements in Algal Biomass Yield

<b>Funding Opportunity Announcement Number</b>	<b>Procurement Instrument Number</b>	<b>NEPA Control Number</b>	<b>CID Number</b>
DE-FOA-0000811	DE-EE0006314		EE6314

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:

<b>A9 Information gathering, analysis, and dissemination</b>	Information gathering (including, but not limited to, literature surveys, inventories, site visits, and audits), data analysis (including, but not limited to, computer modeling), document preparation (including, but not limited to, conceptual design, feasibility studies, and analytical energy supply and demand studies), and information dissemination (including, but not limited to, document publication and distribution, and classroom training and informational programs), but not including site characterization or environmental monitoring. (See also B3.1 of appendix B to this subpart.)
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**Rationale for determination:**

The U.S. Department of Energy (DOE) is proposing to provide federal funding to Hawaii BioEnergy LLC to accelerate the development of a commercial industry for algae derived transportation fuels suitable for petroleum replacement. This NEPA determination applies to Task 1, "Project Management and Reporting" only. This task includes initial validation work, personnel management, and deliverables. Task 1 would allow DOE to verify the project's readiness to proceed and allow DOE to evaluate the recipient's technology readiness level and current state of technology.

Additional NEPA review is required prior to the authorization of federal funding for subsequent tasks.

Based on review of the project information, DOE has determined the proposed activities in Task 1 would not have a significant individual or cumulative impact to human health or the environment. DOE has determined that the proposed task is consistent with actions contained in DOE categorical exclusion A9, "information gathering, analysis and dissemination."

**NEPA PROVISION**

DOE has made a conditional NEPA determination for this award, and funding for certain tasks under this award is contingent upon the final NEPA determination.

Insert the following language in the award:

You are restricted from taking any action using federal funds, which would have an adverse affect on the environment or limit the choice of reasonable alternatives prior to DOE/NNSA providing either a NEPA clearance or a final NEPA decision regarding the project.

Prohibited actions include:

Activities other than those included in Task 1, "Project Management and Reporting"

This restriction does not preclude you from:

Task 1 "Project Management and Reporting"

If you move forward with activities that are not authorized for federal funding by the DOE Contracting Officer in advance of the final NEPA decision, you are doing so at risk of not receiving federal funding and such costs may not be recognized as allowable cost share.

Insert the following language in the award:

You are required to:  
This NEPA determination requires a tailored NEPA provision.

Kelly Daigle 8/27/2013

Note to Specialist :

None Given.

**SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.**

NEPA Compliance Officer Signature:  **Electronically Signed By: Kristin Kerwin** Date: 8/29/2013  
NEPA Compliance Officer

**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: \_\_\_\_\_ Date: \_\_\_\_\_  
Field Office Manager