

PMC-ND
(1.08.09.13)

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



RECIPIENT:Cobalt Technologies, Inc.

STATE: CA

PROJECT TITLE : Bio-Jet Fuel from N-Butanol Utilizing Lignocellulosic Sugars

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000739	DE-EE0006243	GFO-0006243	GO6243

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, analysis, and dissemination 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.)

Rationale for determination:

The U.S. Department of Energy (DOE) is proposing to provide federal funding to the Cobalt Technologies, Inc. to complete Budget Period 1A application validation and verification activities which would allow DOE to collect and analyze the data and information required to make a critical Go / No Go decision on funding Cobalt's award "Bio-Jet Fuel from N-Butanol Utilizing Lignocellulosic Sugars", under DE-FOA-0000739: Innovative Pilot and Demonstration Scale Production of Advanced Biofuels (FOA).

This NEPA determination covers Budget Period 1A project activities which would include data collection and analysis, project site visits, and meetings to validate existing equipment, processes, project sites and data as claimed in the FOA application. All activities are administrative and analytical in nature and would not involve physical experiments, field tests, land-disturbing, construction or similar activities.

Budget Periods 1B and 2 are not being considered at this time as DOE needs to make a critical Go / No Go funding decision at the conclusion of Budget Period 1A.

Based on review of the project information and the above analysis, DOE has determined the information gathering and data analysis activities would not have a significant individual or cumulative impact to human health and/or environment. DOE has determined the proposed project is consistent with the actions contained in DOE categorical exclusions A9 "information gathering, analysis, and dissemination," and is categorically excluded from further NEPA review.

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:

Budget Periods 1B and 2 tasks and activities

This restriction does not preclude you from:

Budget Period 1A tasks and activities

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.

Note to Specialist :

This NEPA Determination requires a tailored NEPA provision.

Obadiah Broughton 8/29/2013

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: Electronically Signed By: Lori Gray *Lori Gray* Date: 8/30/2013
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