PMC-EF2a
(2.04.02)

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

RECIPIENT: Oregon Department of Energy **STATE:** OR

PROJECT TITLE: Farm Power Tillamook, LLC

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000052	DE-EE0000140	GFO-0000140-005	EE140

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:

B5.1 Actions to conserve energy, demonstrate potential energy conservation, and promote energy-efficiency that do not increase the indoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, designers), organizations (such as utilities), and state and local governments. Covered actions include, but are not limited to: programmed lowering of thermostat settings, placement of timers on hot water heaters, installation of solar hot water systems, installation of efficient lighting, improvements in generator efficiency and appliance efficiency ratings, development of energy-efficient manufacturing or industrial practices, and small-scale conservation and renewable energy research and development and pilot projects. The actions could involve building renovations or new structures in commercial, residential, agricultural, or industrial sectors. These actions do not include rulemakings, standard-settings, or proposed DOE legislation.

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.

Rational for determination:

The State of Oregon is proposing to provide $1,000,000 (total project cost $4,164,225) in Recovery Act funds to Farm Power Tillamook to install an anaerobic digester system on a parcel of land owned by Silver Mist Dairy at 2050 McCormick Loop Road, Tillamook, OR 97141 (Tillamook County) Federal funds would be utilized in two phases. This EF2A analyzes only Phase I. Phase I would be for preliminary design, surveying, project management, landowner's agreements, equipment purchase, and permitting. Phase II would fund the final design and construction to install the anaerobic digester. Phase II would require another NEPA review process
The technology selected for the project is a mixed-plug flow digester designed by GHD, Inc. coupled to a generator in order to produce electricity from dairy farm manure that would be sold to PUD utility grid. The project would consist of a concrete digester vessel, a manure transfer pit, a pre-engineered steel building which would house the combined heat and power generator and auxiliary equipment as well as a concrete pad.

Phase I
Permitting, preliminary design, surveying, project management, landowner agreements, and purchase or deposit on long-lead items. The digester would accept manure from participating farms via underground pipes by neighboring farms. Farm Power indicates that this equipment purchased, could be used at other anaerobic digester projects they have planned in the United States in the event that this project cannot continue.

This Phase II is not being evaluated at this time since the design has not been finalized. Another NEPA process would take place after Phase I, if federal funds remain for the project. However, if the federal funds are exhausted prior to Phase II, the project could continue without federal funds.

Phase II
Final design and construction of anaerobic biodigester, access, pipelines, and rights of ways. If the federal funds are exhausted prior to Phase II, the project would continue without federal funds.
Condition of Approval: Allowable: Phase I: Permitting, preliminary design, surveying, equipment purchase, project management, and landowner agreements; Prohibited: Phase II: Final design, and construction. Phase I comprises actions to conserve energy and renewable energy research and development and pilot projects; conceptual design and feasibility of renewable resources; therefore this project is categorized as CX A9, and B5.1.

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:
Phase II Final Design, and construction.
This restriction does not preclude you from:
Phase I Preliminary Design, surveying, permitting, project management, equipment purchase, land owner agreements.
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 :

EF2a completed by Christopher Carusona

This project involves tasks which are unallowable prior to further environmental analysis.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 5/4/11
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