

PMC-EF2a

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



(204.02)

RECIPIENT: WA Department of Commerce

STATE: WA

PROJECT TITLE : Borgford Bioenergy Park, LLC

<b>Funding Opportunity Announcement Number</b>	<b>Procurement Instrument Number</b>	<b>NEPA Control Number</b>	<b>CID Number</b>
DE-FOA-0000052	DE-EE0000139	GFO-09-155-014	EE139

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.

## Rational for determination:

Washington Department of Commerce would allocate \$771,406 (\$539,984 loan / \$231,422 grant) in SEP funding for the purchase and installation of equipment to convert the existing propane-fired boiler at the Springdale Lumber Mill to use biomass fuel. The equipment to be installed includes Gasifier, Fuel conveyors and drying equipment, Tumbler, Edger resaw, Log scanning equipment. The boiler conversion would take place at the existing sawmill. Fuel for the new boiler system would come from previously wasted slash piles.

## NHPA:

The conversion of the boiler apparatus from propane to wood biomass would take place within the structure and will not include excavation of the grounds surrounding the mill. This activity will not adversely affect historic properties.

## ESA:

This project will take place within an existing facility, therefore it the activities outlined in the scope of the project will not take threatened or endangered species, nor the critical habitat in which they reside.

## Air:

According to the recipient, the existing propane-fired boiler has a valid air permit. A preliminary Determination from the Washington State Department of Ecology has established mandated parameters for air quality to satisfy SEQA review. Gasifier emissions shall not exceed 4.91 lb/hr nor a concentration of 183ppmv for NOx, 0.40 lb/hr nor concentration of 15 ppmv of CO, 0.006 lb/hr nor a concentration of 156 ppbv of VOC. These emission concentrations are outlined in the preliminary determination dated April 29, 2011.

## Floodplains:

The activities outlined in the proposed project scope are internal to an existing facility and will not negatively affect base flood elevations.

In view of the information provided by the State and recipient, DOE has determined that the work outlined is consistent with activities identified in Categorical Exclusion B5.1 "actions to conserve energy"

**NEPA PROVISION**

DOE has made a final NEPA determination for this award

Insert the following language in the award:

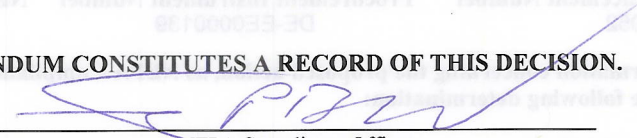
Insert the following language in the award:

You are required to:  
The recipient must obtain and comply with the conditions of any air quality permit issued by Washington Department of Ecology.

Note to Specialist :

Eugene Brown 6/13/2011

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

NEPA Compliance Officer Signature:  Date: 6/23/11  
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