

PMC-EF2a

(2.04.02)

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



RECIPIENT: GreenWood Resources, Inc.

STATE: OR

PROJECT TITLE : SunGrant Initiative Hybrid Poplar Energy Crop Development Plan

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	GO85041	GFO-07-135-080	0

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:

- B3.1** Onsite and offsite site characterization and environmental monitoring, including siting, construction (or modification), operation, and dismantlement or closing (abandonment) of characterization and monitoring devices and siting, construction, and associated operation of a small-scale laboratory building or renovation of a room in an existing building for sample analysis. Activities covered include, but are not limited to, site characterization and environmental monitoring under CERCLA and RCRA. Specific activities include, but are not limited to:
- 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:

South Dakota State University's sub recipient of the SunGrant, GreenWood Inc proposes to use federal funds to further the efforts of a previous award (GFO-07-135-65) by adding nine new locations for hybrid poplar production. This project will include the establishment of poplar clone tests nationally, hybridization of poplar to produce novel hybrid taxa, establishment of new yield tests evaluation of existing poplar yield tests nationally, and project management and reporting. Continuing operations at the previous locations will include monitoring and measurement of poplar hybrids

These new field plots will be located in Clatskanie, Oregon (46.117° N 123.209° W; 21 acres) and (46.157° N 123.167° W; 46 acres). These new locations are currently used as cultivated agriculture lands. There will be no use of generically modified organisms in the implementation of this project.

This project is comprised of characterization, environmental monitoring, and sampling of soil and of flora; therefore a CX B3.1 & B5.1 will apply.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

Eugene Brown 9/17/2010

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: Kristin Kerwin

Date: 9/22/2010