PMC-EF2a
(2.04.02)

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

RECIPIENT: SDSU/Colorado State University **STATE:** SD

PROJECT TITLE : Regional Biomass Feedstock Partnership

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
CDP	GO85041	GFO-07-135-074	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:

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:

As part of the Regional Biomass Feedstock Partnership this activity will support the development of a corn stover residue removal tool. The objective of this research effort is to design a corn stover removal computer model to determine the effects of corn stover removal on plant growth, soil carbon, and sustainability. The research on this portion of the corn stover residue removal tool will focus on integrating the DayCent model into the residue removal tool and testing and interpretation of results. This tool will utilize a nationally disparate set of field trials to provide data and information about the sustainability impacts of corn stover residue removal for the production of liquid transportation fuels. Using this data and information, the tool development effort will integrate a number of modeling tools and databases into a multi-variant decision framework. The research on this portion of the corn stover residue removal tool will focus on a systems integration effort pulling together the previous pieces as well as providing access to databases, information systems, and user control interfaces.

This research project comprises data analysis and computer modeling; therefore, it qualifies for CX under A9.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

None given.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 3/30/10
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