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 : Cottage Grove Wastewater Treatment Plant

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000013	DE-EE-0000926	GFO-0000926-008	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:

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:

The Oregon Department of Energy will be passing through $472,506.00 of EECBG funding to the City of Cottage Grove to remove the existing mechanical aerators and install an air header and bubble diffusers in the city's wastewater treatment systems aerobic digesters.

The air to the diffusers will be supplied via two new 60 horsepower variable-speed blowers with airflow monitors. Only one blower will operate at a given time and the other will act as backup. The new blower system will be connected to the existing PLC/SCADA monitoring system. Manual and automated controls will be included. Both manual and automated controls will be included.

The project will require the installation of a 10 foot by 14 foot concrete pad with shelter to house the blower units. The shelter will only be comprised of an overhead roof to protect the units and will not be enclosed. Trenching will be required for the blower piping under the access road, and for electrical conduit to the electrical service location to the west of the blowers. All earth disturbances will occur on previously disturbed city owned property at the site. The project will require Oregon DEQ approval, a local electrical permit and building permit for the blower shelter.

All project work will occur on previously distrubed land that is currenlty void of vegetation. No increased air emissions, cultural or visual impacts are anticpated as a result of this project. Based on the proposed project location on previously disturbed land on city owned property that is currenlty used for the existing wastewater treatment plant there would be no or negligible impacts to biologcal resources, wetlands, or other sensitive ecological areas.

Based on the information above this project is categorically exculded from further NEPA review under CX number B 5.1, Actions to Conserve Energy.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

Completed by Bill Knapp

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 11/19/10
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