PMC-EF2a

(2.04.02)

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

RECIPIENT: Idaho Office of Energy Resources - City of Nampa **STATE:** ID

PROJECT TITLE : SEP ARRA REEZ Nampa Wastewater Treatment Plant Biogas Boiler Project

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000052	DE-EE000141	GFO-09-156-007	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 State of Idaho will provide $143,738 in Recovery Act funds to the City of Nampa to install a 2,500 MBH biogas-fueled boiler, 1,000 MBH heat exchanger, and associated equipment at its Wastewater Treatment Plan. The plant is located at 340 Railroad Street, Nampa, ID. The new system will provide heat to the plant's anaerobic digesters and the Administration Building.

The scope of the project includes the installation of a new digester, digester control building, backup generator building, a second 2,500 MBH boiler and related equipment, and other related facilities. The Recovery Act-funded portion of the project, which includes the second boiler and heat exchanger, is planned as a separate phase in the project. The two boilers will meet the plants existing and future heating needs.

The project will be confined to a previously disturbed area within the wastewater facility. The footprint of the existing facility will not be impacted. The State Historical Preservation Office (SHPO) has advised that no historic properties will be affected. The project has been approved by DEQ for compliance with State wastewater treatment plant requirements. The DEQ has also issued a letter exempting the boiler from an air quality permit. Although an air quality permit is not required, analyses of similar systems indicates that the operation of digester CHP systems at wastewater treatment plants improve air quality vis-a-vis the unfiltered emission of the gaseous material into the air.

DOE has reviewed the entire scope of the project relative to the portion to be supported by Recovery Act funding and concluded that the City's decision to construct the digester, control building, generator building, first boiler, and related facilities was independent of the its proposed use of Recovery Act funds for the second boiler, heat exchanger, and associated equipment. Accordingly, DOE has determined that the work outlined is consistent with activities identified in Categorical Exclusion B5.1.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

According to the project officer, funding for this project is $143,738. Absent a significant change in the scope of this

effort, a change in funding will not affect my determination.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 7/8/10

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