PMC-EF2a

(2.04.02)

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

RECIPIENT: Governor's Energy Office **STATE:** CO

PROJECT TITLE: COLORADO SEP ARRA - Geothermal Power Direct Use Grant - City of Ouray

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000052 0	DE-EE0000082	GFO-0000082-008	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.

B2.1 Modifications of an existing structure to enhance workplace habitability (including, but not limited to: improvements to lighting, radiation shielding, or heating/ventilating/ air conditioning and its instrumentation; and noise reduction).

Rational for determination:

The City of Ouray is proposing to use $20,000 in SEP funding to install geothermal radiant flooring in the existing, 3,200 foot City shop building. The City of Ouray Public Works Department will cut out the central portion of the existing floor of the shop in preparation for the new radiant slab installation. The Public Works Staff will install the insulation, tubing and concrete reinforcement to standard that will permit the efficient transfer of approximately 30 Btu/ft2/hr. from the circulating water to the radiant heat floor.

There is an existing hot water pipeline that currently services the municipal pool which will be tapped into and connected to the geothermal heating system at the shop building, which sits approximately 20 feet from the. geothermal pipeline. This will require minimal trenching in previously disturbed areas to run the water from the existing line into the city shop building. There are not expected to be any adverse effects to threatened and endangered species, wetlands, floodplains or cultural resources as a result of the proposed project as these resources are not present at the project site.

The project is being developed entirely on land or within facilities owned by the City of Ouray. Plumbing, heating and electrical permits and Inspections will be completed as required to meet all relevant codes.

The proposed project is consistent with activities outlined in B2.1 and B5.1 "actions to conserve energy"; therefore, it is categorically excluded from further NEPA review.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

EF2a completed by Logan Sholar

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 12/14/10
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