

PMC-EF2a

(2.04.02)

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



RECIPIENT: Tangent Technologies, LLC

STATE: IL

PROJECT TITLE : Tangent Grant App for ARRA Bus Dev Program

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000052	EE0000119		EE119

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 Illinois Department of Commerce & Economic Opportunity is providing \$1,599,000 in Recovery Act funds to Tangent Technologies, LLC (Tangent) to offset Tangent's new plastics material processing operation within its 130,000 sq ft industrial park facility at 1001 Sullivan Road Aurora, Illinois. The new processing operation will help Tangent recover 17,280 tons per year (4,000 #/hr) of post consumer HDPE bottles into PCR recycled resin. This work was initiated on February 17th, 2009.

The project includes the installation of three (3) outdoor storage silos, two (2) indoor recycled resin storage bins, and purchase and installation of equipment and materials. The outdoor storage silos will be placed adjacent to the existing manufacturing building within the existing Tangent industrial park, which is zoned as "Heavy Industrial", and will be in compliance with the City of Aurora Building and Zoning guidelines. These silos will not be installed until successful completion of the DOE grant agreement is finalized. Equipment purchases included one debaling, wash dry & pelletizing system, and one pellet silo lending & storage silo system. Tangent obtained the required licenses and permits for the project, and will obtain building permits for the outdoor silos prior to installation.

In view of the information provided by the State and recipient, that the work involved with the installation of the material processing operation in a pre-existing industrial park, the work described is consistent with activities identified in Categorical Exclusion B5.1 and can be 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 :

According to the project officer, funding for this project is \$1,599,000. Based on information provided for NEPA review, it appears that the work presented has in part already been completed.

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____
NEPA Compliance Officer

Date: 5/27/10

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: _____
Field Office Manager

Date: _____