

PMC-EF2a

(20402)

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



RECIPIENT:City of St. Petersburg; Florida

STATE: FL

PROJECT TITLE : St. Petersburg Sustainable Biosolids/Renewable Energy Plant

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
CDP	DE-EE0003145	GFO-0003145-002	

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, analysis, and dissemination Information gathering (including, but not limited to, literature surveys, inventories, site visits, and audits), data analysis (including, but not limited to, computer modeling), document preparation (including, but not limited to, conceptual design, feasibility studies, and analytical energy supply and demand studies), and information dissemination (including, but not limited to, document publication and distribution, and classroom training and informational programs), but not including site characterization or environmental monitoring. (See also B3.1 of appendix B to this subpart.)

A11 Technical advice and assistance to organizations Technical advice and planning assistance to international, national, state, and local organizations.

Rational for determination:

The U.S. Department of Energy (DOE) is proposing to provide federal funding to the City of Saint Petersburg, Florida (City) to support the research, design, and construction of a facility that would allow the city to process and dispose of bio-solids and yard wastes in a manner that would allow for the generation of thermal, electrical, or gas energy. This project contains three phases as summarized below.

Phase 1 - Feasibility Study

- Conduct a Bio-solids and Yard-Waste-to-Energy Feasibility Study to evaluate a number of different available technologies including thermal, chemical, and mechanical

Phase 2 - Design, Permitting, and National Environmental Policy Act

- Design and permitting activities of the proposed bio-solids facility.

Phase 3 - Construction Services, Start Up, and Commissioning

- Construction services, start up, and commissioning of the proposed bio-solids facility.

Phase 1 activities received a prior DOE NEPA determination (GFO-0003145-001; CX A9 and A11; 3/10/2011) and subsequent DOE funding. The Phase 1 feasibility study has been completed. This NEPA determination only applies to Phase 2 facility/system design and permitting activities. Phase 3 construction oversight services, start up, and commissioning activities are not defined to the extent DOE can analyze potential impacts associated with the proposed actions; therefore, Phase 3 is prohibited at this time and subject to further NEPA review.

The City completed a Feasibility Study that evaluated several different technologies types, project conformance with state and federal regulations, financial impacts, energy consumption, the City's carbon footprint, renewable energy credits, Greenhouse Gas Emission Reduction Credits and potential impacts to adjacent neighbors. With the completion of Phase 1, the City proposes to complete the design and permitting (Phase 2) of a bio-solids and yard-waste-to-energy system and facility to be located at the City's South West Water Reclamation Facility. Activities include the completion of process and facility design construction documents and the initiation and completion of necessary permits to construct and operate the facility. The city would contract with design and engineering firms to complete Phase 2 activities.

Phase 2 would not involve construction activities.

Based on review of the project information and the above analysis, DOE has determined the proposed facility design and permitting activities in Phase 2 would not have a significant individual or cumulative impact to human health

and/or environment. DOE has determined the proposed project is consistent with actions contained in DOE categorical exclusions A9 "information gathering, analysis and dissemination" and A11 "technical advice and assistance to organizations," and is categorically excluded from further NEPA review.

NEPA PROVISION

DOE has made a conditional NEPA determination for this award, and funding for certain tasks under this award is contingent upon the final NEPA determination.

Insert the following language in the award:

You are restricted from taking any action using federal funds, which would have an adverse affect on the environment or limit the choice of reasonable alternatives prior to DOE/NSA providing either a NEPA clearance or a final NEPA decision regarding the project.

Prohibited actions include:

Phase 3 activities

This restriction does not preclude you from:

Phase 2 activities

If you move forward with activities that are not authorized for federal funding by the DOE Contracting Officer in advance of the final NEPA decision, you are doing so at risk of not receiving federal funding and such costs may not be recognized as allowable cost share.

Note to Specialist :

Obadiah Broughton 2/19/2013

DOE Funding – Phase 2: ~ \$1,702,469

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: Electronically Signed By: Kristin Kerwin *Kerwin* Date: 2/28/2013
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