PMC-EF2a
(2.04.02)

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

RECIPIENT: State of Louisiana - Department of Natural Resources **STATE:** LA

PROJECT TITLE: ARRA State Energy Program - Grant Parish Transportation Project

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000052	EE0000124	GFO-0000124-020	

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:

B5.22 Alternative fuel vehicle fueling stations The installation, modification, operation, and removal of alternative fuel vehicle fueling stations (such as for compressed natural gas, hydrogen, ethanol and other commercially available biofuels) on the site of a current or former fueling station, or within a previously disturbed or developed area within the boundaries of a facility managed by the owners of a vehicle fleet. Covered actions would be in accordance with applicable requirements (such as local land use and zoning requirements) in the proposed project area and would incorporate appropriate control technologies and best management practices.

Rational for determination:

The U.S. Department of Energy (DOE) provided funding to the State of Louisiana under the DOE's American Recovery and Reinvestment Act of 2009 State Energy Program (SEP). Louisiana proposes to subgrant $345,050 to Grant Parish, Louisiana to install a compressed natural gas (CNG) filling station, which would be administered under the Louisiana Department of Natural Resources: Transportation Efficiency & Alternative Fuels Grant Program.

The DOE-SEP sub-grant funding would pay for the equipment costs for CNG refueling equipment (compression and fueling station) and the incremental cost of a CNG medium duty truck.

The proposed project site is located at 17440 Highway 167, Dry Prong, Louisiana (North 31.5675, 31° 34' 3", West 92.5263, 92° 31' 34.68"). The proposed site is publicly-accessible from Highway 167 in Dry Prong, Louisiana, on Parish owned property and can be easily accessed from surrounding communities. The station would be utilized by Parish vehicles and would also be available for public use.

The proposed site would be located 0.25 mile north of Kitsachie National Forest. The location would not have an impact on floodplains or wetlands, as these resources do not occur at the proposed location.

The proposed project would be located on 1.3 acres of previously disturbed land. The site has already been graded in preparation for the proposed CNG station. The project would lay 1,048 sq. ft. of concrete for the driveway, filling station and compression area. A natural gas compression area would be constructed on a concrete pad and the area would be enclosed by a fence measuring 39 ft by 26.25 ft. The fenced area would also be surrounded by reflective safety yellow bollards for additional protection.

The compression area would contain 3 above ground CNG storage tanks measuring 10,000 standard cubic feet (scf) each, for a total of 30,000 scf. Additionally, a 75 standard cubic feet per minute (scfm) compressor, a dryer unit and a fast fill priority panel would be installed. The main switchgear disconnect would be emplaced 15 ft. from the equipment. This would be the central emergency measure for the facility, and the area would be classified as a Hazardous Area Class I Division II. The construction would require trenching for the new electrical and gas lines. The 3" gas main would be used as the source for the natural gas inlet. The line from the natural gas main would be 180 ft. long and 30" deep to the compression site.

The compressed gas would be transferred to the fast fueling dispenser island. Trenching for the high pressure gas line from the compression area to the dispenser island would be 100 ft. long and 36" deep. The fast fueling station would be constructed on a raised concrete island with curbs and 6" diameter reflective safety yellow bollards on each side and covered by a canopy. The proposed fueling station would have a dispenser that meets NFPA 52 regulations, and

a card reader management system.

The compression equipment when operating would increase noise levels to 70 decibels from a distance of 15 ft. The background noise level would slightly increase due to the increased use of the filling station, but the incremental impact of the increased noise would be minimal as the proposed site is directly adjacent to the Highway.

The Louisiana SHPO determined the proposed project would not adversely affect historic or cultural resources in a response dated 5-15-2012. If unanticipated discoveries are made during construction, Grant Parish and its contractors will halt construction and contact the Louisiana State Historic Preservation Officer and DOE.

The Red cockaded woodpecker, Least tern and Louisiana black bear are known to occur in Grant Parish. In a response dated 3-5-2012, USFWS determined the project is not likely to adversely affect the resources within the area. The proposed project would unlikely have adverse effects on threatened and endangered species because the project would be developed on previously disturbed and developed land and would not impact any existing habitats.

The Parish will ensure staff and emergency personnel are trained to respond to a natural gas leak or emergency. The station will have safety signage posted on site, fire extinguishers and safety shut-off valves located at the dispenser and compression areas.

Based on review of the project information and the above analysis, DOE has determined the installation of the proposed CNG filling station would not have a significant impact on human health and/or environment. DOE has determined the proposed filling station is consistent with the actions contained in B5.22 "Alternative fuel vehicle fueling stations," and is categorically excluded from further NEPA review.

Any further projects will require a separate NEPA determination review.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

Diana Scott 6.6.2012

DOE SEP Funds: $345,050
Leveraged Funds: $387,298
Total Project Cost: $732,348

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 6/13/2012

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