

# **ABBREVIATED RECORD OF ENVIRONMENTAL CONSIDERATION**

See 44 Code of Federal Regulation Part 10.

**Project Name/Number:** Toca Warehouse (Bus & House) Repairs, 087-04449-00

**Project Location:** 1717 Bayou Road, St. Bernard, St. Bernard Parish, Latitude: 29.8656N,  
Longitude: 89.8497W

## **Project Description:**

The Katrina hurricane event of august 29, 2005 imparted flood damage to the Toca Garage Facility and Bus Operator's Dwelling located at 1717 bayou road, St. Bernard, la 70085. The flood water elevation as indicated by a high water mark left at the rear of the house is 5'3" above grade. This high water mark translates to a flood water elevation of 2'-2" above the finished floor elevation within the house. The St. Bernard Parish school dwelling and warehouse consists of two separate structures on one site.

The first structure is a dwelling utilized as a residence for a school bus operator and was built in the 1960's. This dwelling structure is a one story elevated frame house 40' x 26' 6" with a standing seam metal roof. The house is supported from CMU block piles providing a first floor elevation of 3' 1" above grade.

The dwelling heating air conditioning system consisted of a split type system with a 3-1/2 ton air cooled condensing unit and a fan coil unit equipped with a gas fired heat exchanger and an evaporative cooling coil installed in the ceiling of the house with distributed ductwork to each room. A gas fired water domestic hot water heater was installed at the rear of the house at grade level elevation. The condensing unit, hot water heater and electrical wiring that supplied the units were damaged by the salty flood waters. Additionally, all of the rooms in the dwelling were flooded with at least 2'3" of muddy salt water, damaging all of these devices.

The second structure is a one story frame garage and warehouse enclosed in corrugated metal sheathing at the rear wall and wood and vinyl siding on the remaining three walls. The roof is a standing seam metal roof. The warehouse structure is now used as garage storage and general equipment. This structure is 44'x40' and one story in height and is at ground elevation. The warehouse had no heating system and electrical power to the warehouse structure is provided from the dwelling.

In addition to the two separate structures on site, there was an above ground fuel storage tank of approximately 3,000 gallon capacity. This tank was equipped with a dispenser and meter for fueling the buses. The tank, dispenser were destroyed in the floods resulting from the Katrina hurricane event.

This project will restore the dwelling and warehouse to the existing conditions prior to the Katrina hurricane event. The hazard mitigation for this project involves raising the gas-fueled 40 gallon hot water heater and the 3-1/2 ton air conditioner condensing unit to a height of 5'6" above grade. These items are to be on a single platform which would require the hot water heater to move approximately 30 feet. This proposal qualifies as "wet flood proofing" and will prevent this from happening in the future.

## **Documentation Requirements**

- ☒ (Short version) All consultation and agreements implemented to comply with the National Historic Preservation Act, Endangered Species Act, and Executive Orders 11988, 11990 and 12898 are completed and no other laws apply. **(Review Concluded)**
- ☐ (Long version) All applicable laws and executive orders were reviewed. Additional information for compliance is attached to this REC and/or included in project files, as applicable.

## National Environmental Policy Act (NEPA) Determination

- ☐ Statutorily excluded from NEPA review. (**Review Concluded**)
- ☐ Programmatic Categorical Exclusion - (**Review Concluded**)
- ☐ Categorical Exclusion - Category
  - ☐ No Extraordinary Circumstances exist.  
Are project conditions required? ☐ Yes (see section V) ☐ No (**Review Concluded**)
  - ☐ Extraordinary Circumstances exist (See Section IV).
    - ☐ Extraordinary Circumstances mitigated. (See Section IV comments)  
Are project conditions required? ☐ Yes (see section V) ☐ No (**Review Concluded**)
- ☐ Environmental Assessment
- ☐ Supplemental Environmental Assessment (Reference EA or PEA in comments)
- ☒ Environmental Impact Statement

**Comments** This project meets the criteria for an Alternative Arrangement Permanent Schools type of project. Any change to the approved scope of work will require resubmission for re-evaluation for compliance with the National Environmental Policy Act (NEPA).

## HISTORIC BUILDINGS AND STRUCTURES

- ☒ No historic properties that are listed or 45/50 years or older in project area. (**Review Concluded**)
- ☐ Building or structure listed or 45/50 years or older in project area and activity not exempt from review.
  - ☐ Determination of No Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)  
Are project conditions required? ☐ Yes (see section V) ☐ No (**Review Concluded**)
  - ☐ Determination of Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)
    - ☐ Property a National Historic Landmark and National Park Service was provided early notification during the consultation process. If not, explain in comments
    - ☐ No Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file).  
Are project conditions required? ☐ Yes (see section V) ☐ No (**Review Concluded**)
    - ☐ Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file)
      - ☐ Resolution of Adverse Effect completed. (MOA on file)  
Are project conditions required ☐ Yes (see section V) ☐ No (**Review Concluded**)

**Comments:** This scope of work has been reviewed and meets the criteria in Appendix A, Programmatic Allowances, Items II-A-2, II-B-1, II-D-2, And II-H of FEMA's Programmatic Agreement (PA) dated December 3, 2004. In accordance with the PA, FEMA is not required to determine the national register eligibility of properties where work performed meets the appendix a criteria. In keeping with the stipulations of the PA, all proposed repair activities should be done in-kind to match existing materials and form this concludes the Section 106 review for this project.

**Correspondence:** Chelsea Klein, Historic Preservation Specialist

## ARCHEOLOGICAL RESOURCES

- ☒ Project affects only previously disturbed ground. (**Review Concluded**)
- ☐ Project affects undisturbed ground.
  - ☐ Project area has no potential for presence of archeological resources
    - ☐ Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence or consultation on file). (**Review Concluded**)
  - ☐ Project area has potential for presence of archeological resources
    - ☐ Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence on file)  
Are project conditions required ☐ Yes (see section V) ☐ No (**Review Concluded**)
    - ☐ Determination of historic properties affected
      - ☐ NR eligible resources not present (FEMA finding/SHPO/THPO concurrence on file).  
Are project conditions required ☐ Yes (see section V) ☐ No (**Review Concluded**)

- ☐ NR eligible resources present in project area. (FEMA finding/ SHPO/THPO concurrence on file)
- ☐ No Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)  
Are project conditions required? ☐ Yes (see section V) ☐ No **(Review Concluded)**
- ☐ Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)  
☐ Resolution of Adverse Effect completed. (MOA on file)  
Are project conditions required? ☐ Yes (see section V) ☐ No  
**(Review Concluded)**

**Comments:** none

**Correspondence:** Chelsea Klein, Historic Preservation Specialist

### **THREATENED AND ENDANGERED SPECIES**

- ☒ No listed species and/or designated critical habitat present in areas affected directly or indirectly by the Federal action. **(Review Concluded)**
- ☐ Listed species and/or designated critical habitat present in the areas affected directly or indirectly by the Federal action.
- ☐ No effect to species or designated critical habitat. (See comments for justification)  
Are project conditions required? ☐ Yes (see section V) ☐ No **(Review Concluded)**
- ☐ May affect, but not likely to adversely affect species or designated critical habitat (FEMA determination/USFWS/NMFS concurrence on file) **(Review Concluded)**  
Are project conditions required? ☐ Yes (see section V) ☐ No **(Review Concluded)**
- ☐ Likely to adversely affect species or designated critical habitat  
☐ Formal consultation concluded. (Biological Assessment and Biological Opinion on file)  
Are project conditions required? ☐ YES (see section V) ☐ NO **(Review Concluded)**

**Comments:** Project is located in an urban or previously developed area. Neither listed species nor their habitat occur in or near this site, thus FEMA finds there will be no effect to threatened or endangered species.

**References:** USFWS emergency consultation provisions determined in letters dated September 15, 2005.

### **E.O. 11988 – FLOODPLAINS**

- ☐ No Effect on Floodplains/Flood levels and project outside Floodplain - **(Review Concluded)**
- ☒ Located in Floodplain or Effects on Floodplains/Flood levels
- ☒ No adverse effect on floodplain and not adversely affected by the floodplain. **(Review Concluded)**  
Are project conditions required? ☒ Yes (see section V) ☐ No **(Review Concluded)**
- ☐ Beneficial Effect on Floodplain Occupancy/Values **(Review Concluded)**
- ☐ Possible adverse effects associated with investment in floodplain, occupancy or modification of floodplain environment  
☐ 8 Step Process Complete - documentation on file  
Are project conditions required? ☐ YES (see section V) ☐ NO **(Review Concluded)**

**Comments:** The site is located in Zone B.

**References:** FEMA Flood Insurance Rate Map, Community Panel No. 225204 0460B, revised 05/01/1985.

### **E.O. 11990 – WETLANDS**

- ☒ No Effects on Wetland(s) and project located outside Wetland(s) - **(Review Concluded)**
- ☐ Located in Wetland or effects Wetland(s)
- ☐ Beneficial Effect on Wetland - **(Review Concluded)**
- ☐ Possible adverse effect associated with constructing in or near wetland  
☐ Review completed as part of floodplain review  
☐ 8 Step Process Complete - documentation on file  
Are project conditions required? ☐ YES (see section V) ☐ NO **(Review Concluded)**

**Comments:** No wetlands were observed during site visit or determined to be present by checking the USFWS National Wetlands Inventory (NWI) maps.

**References:** USFWS NWI map accessed on-line (<http://wetlandsfws.er.usgs.gov/wtlnds/launch.html>) 8/11/2006.

### **E.O. 12898 - Environmental Justice For Low Income and Minority Populations**

- ☒ No Low income or minority population in, near or affected by the project - **(Review Concluded)**  
☐ Low income or minority population in or near project area  
    ☐ No disproportionately high and adverse impact on low income or minority population- **(Review Concluded)**  
    ☐ Disproportionately high or adverse effects on low income or minority population  
Are project conditions required? ☐ YES (see section V) ☐ NO **(Review Concluded)**

**Comments:** The percent populations of 70085 are: 89.7% White, 8.5% Hispanic and 6.8% African American. The median household income in 1999 was \$ 27,293 and 16.8 % of families are below poverty level.

**References:** U.S. Census bureau 2000 data at <http://factfinder.census.gov>, referenced 8/11/2006.

### **OTHER RELEVANT LAWS AND ENVIRONMENTAL REGULATIONS**

- ☐ No impacts to other substantive laws/Executive Orders identified. Review concluded.  
☒ Other applicable substantive laws/Executive Orders. (Identify law/E.O. and conditions if any below).

**Comments:** In accordance with the Formosan Termite Initiative Act, (LA R.S. 3:3391.1 through 3391.13) the Louisiana Parishes of Calcasieu, Cameron, Jefferson Davis, Orleans, Jefferson, Plaquemines, St. Bernard, St. Charles, St. John the Baptist, St. Tammany, Tangipahoa, and Washington are under quarantine. The movement of wood or cellulose material, temporary housing or architectural components (e.g. beams, doors and other wood salvage from a structure) may not leave the quarantined parishes without written authorization from the commissioner of the Louisiana Department of Agriculture and Forestry or his designee(s).

### **V. ENVIRONMENTAL REVIEW PROJECT CONDITIONS**

#### **Project Conditions:**

**This project must comply with all conditions of the attached Programmatic Categorical Exclusion. In addition, the following conditions apply as a condition of FEMA funding reimbursement:**

This project involves the demolition or renovation of a public structure. Regardless of the asbestos content, the applicant is responsible for ensuring that renovation or demolition activities are coordinated with the Louisiana Department of Environmental Quality (LDEQ) in accordance with the LDEQ "Fifth Amended Declaration of Emergency and Administrative Order" dated March 31, 2006, and the LESHAP protocol dated March 1, 2006, incorporating the provisions of EPA's National Emission Standards for Hazardous Air Pollutants (NESHAP) and the Louisiana Administrative Code (LAC) 33.III.5151 and Chapter 27. Should Asbestos Containing Materials (ACMs) be present at the project site, the applicant is also responsible for ensuring proper disposal in accordance with the previously referenced administrative orders.

Ensure that if damaged AC unit contains refrigerant that is an ozone depleting substance subject to Clean Air Act requirements, that this refrigerant is removed and recovered by Certified Chlorofluorocarbon (CFC) technician per 40 CFR Part 82, and that documentation of appropriate disposal is obtained.

Unusable equipment, debris and material shall be disposed of in an approved manner and location. In the event significant items (or evidence thereof) are discovered during implementation of the project

applicant shall handle, manage, and dispose of petroleum products, hazardous materials and/or toxic waste in accordance to the requirements and to the satisfaction of the governing local, state and federal agencies.

This project is located within the Louisiana Coastal Management Zone. Louisiana Department of Natural Resources (LA DNR) has determined that receipt of federal assistance is consistent with the Louisiana Coastal Resource Program. Projects within the coastal zone may still require a coastal use permit or other authorization from DNR. Projects may be coordinated by contacting the LA DNR at 1-800-276-4019.

Equipment such as ice machines, refrigerators, ATVs, forklifts, generators, computers, automobiles, and televisions may contain chlorofluorocarbons (CFCs), used oil, diesel and other petroleum products, mercury switches, used oil filters, fuel filters, and batteries. Applicant shall handle, manage, and dispose of damaged materials and equipment that may be hazardous waste, universal waste, and hazardous materials in accordance with the requirements of local, state, and federal regulations.

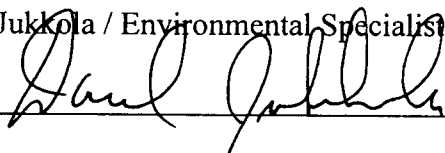
St. Bernard parish enrolled in the National Flood Insurance Program (NFIP) 03/13/1970. Per Flood Insurance Rate Map (FIRM) 225204 0460b, dated 05/01/1985, project is located in Zone "B", area protected from the one percent annual chance (100-year) flood by levee, dike, or other structure subject to failure or overtopping during larger floods. Project is for building repairs including mechanical and electrical components. Per the Hurricane Katrina surge inundation and advisory base flood elevation (ABFE) maps for St. Bernard parish, dated June 2006, all contents and equipment shall be elevated to at least three feet above the highest existing adjacent grade at the building site.

#### **REVIEWER AND APPROVALS**

FEMA Environmental Reviewer.

Name: David Jukkola / Environmental Specialist

Signature



Date

8/12/06

FEMA Regional Environmental Officer or delegated approving official.

Name: William Fagan, Environmental /Historic Specialist Chief of Staff

Signature



Date

8/12/2006