

# **ABBREVIATED RECORD OF ENVIRONMENTAL CONSIDERATION**

See 44 Code of Federal Regulation Part 10.

**Project Name/Number:** Jefferson Parish Volunteer Fire Department Station #63, Jefferson (Parish),  
PW#: 15361, PA ID: 051-99051-00

**Project Location:** 3824 Manhattan Boulevard, Harvey, Louisiana, Jefferson Parish, Latitude:  
29.8525, Longitude:-90.0444

**Project Description:** Hurricane Katrina made landfall on August 29, 2005, causing extensive damage from hurricane force winds, flooding, and flying debris. The Jefferson Parish Volunteer Fire Department Station #63 had extensive damage. Hurricane force winds caused a 370 ft section of the front brick veneer wall to shift and separate from the structure. 70% of the structure's roof was blown off resulting in several structural steel members being torn away from the roof. When the roof was blown away falling roof members crushed mechanical ducts, damaged lighting fixtures and ceiling mounted fuel fired heaters. Due to the extent of the roof damage, upper portions of the facility and its insulation were left exposed to the elements. As a result of prolonged exposure to the elements, mold has grown in some areas of the building. Hurricane force winds also damaged vinyl siding, soffit and fascia, gutters, flashing and two bay doors. The project scope of work is building repair and improvements within the pre-disaster footprint

Hazard Mitigation seeks to mitigate against future interior building damage as well as damage to building contents in a high wind event. The proposal includes the installation of new roll-up doors that are designed to withstand wind loads up to 130 mph. Mitigation measures also seek to strengthen the roof system by doubling the purlins spacing of the roof structure, welding purlin clips at all roof/girt connections, installing bridging at mid-span and ends of roof girts, installing lateral x-bracing between roof girts, and installing a thicker gauge of roof decking.

## **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:**

The scope of work for this project meets the criteria for an Alternative Arrangement 'Permanent Police and Fire Stations' type of project. Any changes to the scope of work will require resubmission to, and evaluation and approval by, the state and FEMA prior to initiation of any work, for compliance with the National Environmental Policy Act.

**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:** None.

**Correspondence/Consultation/References:**

NHPA effect determinations made by Derek A. Galose, FEMA 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/Consultation/References:**

**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.

**Correspondence/Consultation/References:**

USFWS emergency consultation provisions determined in letter 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 "AE", area of 100-yr flooding.

**Correspondence/Consultation/References:**

FEMA Flood Insurance Rate Map, Community Panel No. 22051C0145E, revised 03/23/1995.

**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.

**Correspondence/Consultation/References:**

USFWS NWI map accessed on-line (<http://wetlandsfws.er.usgs.gov/wtlnds/launch.html>) 01/25/2007.

**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 70058 are: 51.0% African American, 39.4% Caucasian and 5.6% Asian. The median household income in 1999 was \$ 41,024 and 16.9 % of families are below poverty level.

**Correspondence/Consultation/References:**

U.S. Census bureau 2000 data at <http://factfinder.census.gov>, referenced 01/25/2007.

**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:****Resource Conservation and Recovery Act:**

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.

**Coastal Zone Management Act:**

This project is located within the Louisiana Coastal Management Zone. FEMA has determined that this project is consistent with the Coastal Zone Management Act and the Louisiana Coastal Management Plan (LCMP). Any change to the approved scope of work will require re-submission to FEMA for re-evaluation for consistency with LCMP. Projects within the Coastal Zone may still require a Coastal Use Permit from the Louisiana Department of Natural Resources (LDNR). Projects may be coordinated by contacting LDNR at 1-800-267-4019.

**Formosan Termite Initiative Act:**

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).

**Correspondence/Consultation/Reference:****V. ENVIRONMENTAL REVIEW PROJECT CONDITIONS****Project Conditions:****The following conditions apply as a condition of FEMA funding reimbursement:**

- Building materials and furnishings that are contaminated with mold growth and are not salvageable should be double-bagged using 6-mil polyethylene sheeting. These materials can then usually be discarded as ordinary construction waste. It is important to package mold-contaminated materials in

sealed bags before removal from the contaminated area to minimize the dispersion of mold spores throughout the building. Large items that have heavy mold growth should be covered with polyethylene sheeting and sealed with duct tape before they are removed from the contaminated area.

No extraordinary circumstances as described in 44 CFR 10.8(d)(3) were identified during project review.

**REVIEWER AND APPROVALS**

FEMA Environmental Reviewer.

Name: Karyn Harrison

Signature Karyn Harrison . Date 9/25/07

FEMA Regional Environmental Officer or delegated approving official.

Name: William Fagan, PhD

Signature W Fagan . Date 1/25/2007