Reviewer Name: Adam Borden, Environmental Specialist Project Name/Env. Database No: Abrams Elementary School-Modular Classrooms FEMA-1603/1607-DR-LA PW#10460

Parish: Orleans

# Record of Environmental Consideration

REVISED FOR FEMA ENVIRONMENTAL -- LOUISIANA -- 2006

See 44 Code of Federal Regulation Part	: 1	ď	)
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Project Name/Number: Abrams Elementary School-Modular Classrooms (3), / PW#10460

FIPS#071-UFTI3-00

**Project Location:** 6519 Virgilian, New Orleans, LA 70126, Orleans parish

Latitude: 30.02042, Longitude: -90.01714

Project Description: Heavy rains and high winds from Hurricane Katrina (DR-1603) caused significant exterior and interior damage to Abrams Elementary School-Modular Classrooms (3). Two of the modular buildings contain 2 classrooms with 1536 sq. ft. One modular building contains 4 classrooms with 1536 sq. ft. They are believed to be constructed in 1963 with finish floor 24" to 28" above grade. There is an exterior walkway with an attached canopy roof area of wood framing and corrugated composite roofing. The modular classrooms were flooded to a height of 4'. The buildings have stayed in a wet condition (not cleaned or dried out for over 4 months), with sludge, sediment, mold, and ruined contents remaining inside. Scope of work includes the removal of buildings and the legal disposal of modular buildings, including strip foundation piers. Replace modular classroom and restroom space (6144 sq. Ft.) with equivalent area portable classroom and restroom space. Some hazard mitigation will be achieved through compliance with codes and standards and good construction practices. All work will be performed in a previously disturbed area with no indication of nearby waterways or other bodies of water.

## **Documentation Requirements**

Short version) All consultation and agreements implemented to comply with the National Historic Preservation	i
Act, Endangered Species Act, and Executive Orders 11988, 11990 and 12898 are completed and no other laws app	ly.
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 - Category (Reference PCE in comments) (Review Concluded)
	Categorical Exclusion - Category
	No Extraordinary Circumstances exist.
	Are project conditions required?
	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)
X	Environmental Impact Statement

Comments: This project meets the criteria for the alternative arrangement, permanent school, type of project. This project has conditions and requires mitigation under the other EHP laws.

## Reviewer and Approvals

Project is Non-Compliant (See attached documentation justifying selection).

Parish: Orleans FEMA Environmental Reviewer: Name: Adam Borden, FEMA- Environmental Specialist Date 6-28-06 Signature FEMA Regional Environmental Officer or Delegated Approving Official: Name: Don Fairley, Environmental Liason Officer Date 6.28.06 Compliance Review for Environmental Laws (other than NEPA) I. A. National Historic Preservation Act (NHPA) Not type of activity with potential to affect historic properties. Activity meets Programmatic Agreement, December 3, 2004. Appendix A: Are project conditions required? Yes (see Section V) No Programmatic Agreement not applicable, must conduct standard Section 106 Review. 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) 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? \( \subseteq \text{Yes (see Section V)} \) \( \subseteq \text{No} \) (Review Concluded)

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Comments: Archaeological review complete: Scope of work indicates ground disturbing activities associated with the demolition and rebuild of the modular structure within its pre-disaster footprint. Upon consultation of SHPO data, there are no known archaeological sites within .5 miles of the project area. Demolition must follow the lower impact demolition stipulations & additional protocols which are attached. The stipulations and protocols should be explicit in the request for proposal. Failure to comply with these stipulations & additional protocols will jeopardize receipt of federal funding. If during the course of work, archaeological artifacts (prehistoric or historic) or human remains are discovered, the applicant shall stop work in the vicinity of the discovery and take all reasonable measures to avoid or minimize harm to the finds. The applicant shall inform their public assistance (pa) contacts at FEMA, who will in turn contact FEMA historic preservation staff. The applicant will not proceed with work until FEMA historic preservation staff have completed consultation with the Louisiana State Historic Preservation Officer (SHPO). In addition, if unmarked graves are present, compliance with the Louisiana Unmarked Human Burial Sites Preservation Act (R.S. 8:671 et seq.) is required. The applicant shall notify the law enforcement agency of the jurisdiction where the remains are located within twenty-four hours of the discovery. The applicant shall also notify FEMA and the Louisiana Unmarked Burial Sites Board (call the Louisiana Division of Archeology at 225-342-8170) within seventy-two hours of the discovery. If this scope of work and/or the footprint/location of the new building changes, this project will need to be resubmitted for further Section 106 review prior to ground disturbing activities taking place outside of the pre-disaster footprint of the building.

Correspondence/Consultation/References: NHPA effect determinations made by Katherine Zeringue, FEMA Historic Preservation Specialist/Archaeologist

1 reservation opecialist Archaeologist
B. Endangered Species Act  ☐ 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.
<ul> <li>No effect to species or designated critical habitat. (See comments for justification)         Are project conditions required?</li></ul>
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 letters dated September 15, 2005 for Katrina.
C. Coastal Barrier Resources Act  ☐ Project is not on or connected to CBRA Unit or Otherwise Protected Area (Review Concluded). ☐ Project is on or connected to CBRA Unit or Otherwise Protected Area. (FEMA determination/USFWS consultation on file) ☐ Proposed action an exception under Section 3505.a.6 (Review Concluded) ☐ Proposed action not excepted under Section 3505.a.6. Are project conditions required? ☐ YES (see Section V) ☐ NO (Review Concluded)
Comments: Project is not within a CBRA zone.  Correspondence/Consultation/References: Louisiana Coastal Barrier Resource System Maps referenced 06/27/06.
D. Clean Water Act  ☐ Project would not affect any waters of the U.S. (Review Concluded) ☐ Project would affect waters, including wetlands, of the U.S. ☐ Project exempted as in kind replacement or other exemption. (Review Concluded) ☐ Project requires Section 404/401/or Section 9/10 (Rivers and Harbors Act) permit, including qualification under Nationwide Permits. Are project conditions required? ☐ YES (see Section V) ☐ NO (Review Concluded)

Parish: Orleans Comments: No jurisdictional waters of the U.S., including wetlands, occur in or near the project area. Correspondence/Consultation/References: USFWS National Wetlands Inventory map (http://www.fws.gov/nwi/) queried on 06/27/06. E. Coastal Zone Management Act Project is not located in a coastal zone area and does not affect a coastal zone area (Review concluded) Project is located in a coastal zone area and/or affects the coastal zone State administering agency does not require consistency review. (Review Concluded). State administering agency requires consistency review. Are project conditions required? YES (see Section V) NO (Review Concluded) Comments: This project is located within the Louisiana Coastal Management Zone. LA Department of Natural Resources (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 LA DNR at 1-800-276-4019. Correspondence/Consultation/References: LDNR Louisiana Coastal Zone map 2002. F. Fish and Wildlife Coordination Act Project does not affect, control, or modify a waterway/body of water. (Review Concluded) Project affects controls or modifies a waterway/body of water. Coordination with USFWS conducted No Recommendations offered by USFWS. (Review Concluded) Recommendations provided by USFWS. Are project conditions required? YES (see Section V) NO (Review Concluded) Comments: No streams or water bodies are located in or near the project area. Correspondence/Consultation/References: Louisiana Map (http://wwwlamap.doa.louisiana.gov/) queried 06/27/06. G. Clean Air Act Project will not result in permanent air emissions. (Review Concluded) Project is located in an attainment area. (Review Concluded) Project is located in a non-attainment area. Coordination required with applicable state administering agency. Are project conditions required? \( \subseteq \text{YES (see section V)} \) \( \subseteq \text{NO (Review Concluded)} \) Comments: 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 Correspondence/Consultation/References: EPA Region 6 Non-attainment Map. H. Farmland Protection Policy Act Project does not affect designated prime or unique farmland. (Review Concluded) Project causes unnecessary or irreversible conversion of designated prime or unique farmland. Coordination with Natural Resource Conservation Commission required. Farmland Conversion Impact Rating, Form AD-1006, completed. Are project conditions required? YES (see section V) NO (Review Concluded) Comments: The project site is in a developed urbanized area and Farmland Protection Policy Act (FPPA) is precluded. No prime or unique farmland present.

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Correspondence/Consultation/References: National Resource Conservation Service, Web Soil Survey ( <a href="http://websoilsurvey.nrcs.usda.gov/app/">http://websoilsurvey.nrcs.usda.gov/app/</a> ) referenced 06/27/06.
I. Migratory Bird Treaty Act  ☐ Project not located within a flyway zone. (Review Concluded) ☐ Project located within a flyway zone. ☐ Project does not have potential to take migratory birds. (Review Concluded) ☐ Are project conditions required? ☐ Yes (see section V) ☒ No (Review Concluded) ☐ Project has potential to take migratory birds. ☐ Contact made with USFWS ☐ Are project conditions required? ☐ YES (see section V) ☐ NO (Review Concluded)
Comments: The site is an existing disturbed area with little value to migratory birds and would not be included in the USFWS migratory bird management program.
Correspondence/Consultation/References: USFWS guidance letter dated September 15, 2005 for Katrina
J. Magnuson-Stevens Fishery Conservation and Management Act  Project not located in or near Essential Fish Habitat. (Review Concluded)  Project located in or near Essential Fish Habitat.  Project does not adversely affect Essential Fish Habitat. (Review Concluded)  Are project conditions required? Yes (see Section V) No (Review Concluded)  Project adversely affects Essential Fish Habitat (FEMA determination/USFWS/NMFS concurrence on file)  NOAA Fisheries provided no recommendation(s) (Review Concluded).  Are project conditions required? Yes (see Section V) No (Review Concluded)  NOAA Fisheries provided recommendation(s)  Written reply to NOAA Fisheries recommendations completed.  Are project conditions required? YES (see Section V) NO (Review Concluded)
Comments: Project is not located in or near any surface waters with the potential to affect EFH species.  Correspondence/Consultation/References: Louisiana Map ( <a href="http://www.lamap.doa.louisiana.gov/">http://www.lamap.doa.louisiana.gov/</a> ) referenced 06/27/06.
<ul> <li>K. Wild and Scenic Rivers Act</li> <li></li></ul>
Comments: None Correspondence/Consultation/References: National Wild and Scenic Rivers <a href="http://www.nps.gov/rivers/wildriverslist.ht">http://www.nps.gov/rivers/wildriverslist.ht</a> referenced 06/27/06.

#### Relevant Laws and Environmental Regulations

State Hazardous Materials and Solid Waste Laws

Comments: Applicant shall handle, manage, and dispose of potentially hazardous waste, universal waste, and hazardous materials in accordance with the requirements of local, state, and federal regulations. These materials may include but are not limited to asbestos, lead-based paint, laboratory reagents, propane cylinders, paints and solvents, coolants containing chlorofluorocarbons (cfcs), used oil, polychlorinated biphenyls (pcbs), other petroleum products, used oil filters, fuel filters, cleaning chemicals, pesticides, batteries, and unlabeled tanks and containers. Equipment that may include these materials are ice machines, refrigerators, generators, computers, televisions, mercury switches, fluorescent lights, fluorescent light ballasts, sandblast units, paint sprayers, etc.

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II. Compliance Review for Executive Orders

A. 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 A3.  http://store.msc.fema.gov/webapp/wcs/stores/servlet/FemaWelcomeView?storeId=10001&catalogId=10001&langId=-1, The city of new Orleans/Orleans parish is enrolled in the National Flood Insurance Program (NFIP) as of 8/3/1970. Per Flood Insurance Rate Map (FIRM) panel number 2252030115E dated 03/01/1984, project is located within an "A4" zone, area of 100-yr flooding, base flood elevations and flood hazard factors as determined. Project is replacement of modular buildings. In compliance with E0 11988, a completed 8-step process showing considered alternatives is attached. New construction must coordinate and comply with local floodplain ordinances. Appropriate permits and certifications must be obtained and attached. Per 44 cfr 9.11(d)(9), the replacement of building contents, materials and equipment, where possible, disaster proofing of the building and/or elimination of such future losses by relocation of those building contents, materials and equipment to or above the advisory base floodplain. Per 44 cfr 9.12, applicant must publish a final public notice 15 days prior to the start of construction activities. Final public notice is to be forwarded to the LA GOHSEP and FEMA for inclusion in the permanent project files. K. Roof, floodplain management specialist  Correspondence/Consultation/References: FEMA Flood Insurance Rate Map, Community Panel No. # 225203 0095 E, revised 3/1/84.
B. 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) 06/27/06.
C. 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 70129 are: 87.1% black, 10.3% white and 1.6% hispanic. The median household
income in 1999 was \$ 30,627 and 18.1 % of families are below poverty level.  *Correspondence/Consultation/References:* U.S. Census bureau 2000 data at <a href="http://factfinder.census.gov">http://factfinder.census.gov</a> , referenced 06/27/06.

## III. Other Environmental Issues

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Identify other potential environmental concerns in the comment box not clearly falling under a law or executive order (see environmental concerns scoping checklist for guidance).

State Hazardous Materials and Solid Waste Laws

Comments: Applicant shall handle, manage, and dispose of potentially hazardous waste, universal waste, and hazardous materials in accordance with the requirements of local, state, and federal regulations. These materials may include but are not limited to asbestos, lead-based paint, laboratory reagents, propane cylinders, paints and solvents, coolants containing chlorofluorocarbons (cfcs), used oil, polychlorinated biphenyls (pcbs), other petroleum products, used oil filters, fuel filters, cleaning chemicals, pesticides, batteries, and unlabeled tanks and containers. Equipment that may include these materials are ice machines, refrigerators, generators, computers, televisions, mercury switches, fluorescent lights, fluorescent light ballasts, sandblast units, paint sprayers, etc.

Correspondence/Consultation/Reference:

#### IV. Extraordinary Circumstances

Based on the review of compliance with other environmental laws and Executive Orders, and in consideration of other environmental factors, review the project for extraordinary circumstances.

\* A "Yes" under any circumstance may require an Environmental Assessment (EA) with the exception of (ii) which should be applied in conjunction with controversy on an environmental issue. If the circumstance can be mitigated, please explain in comments. If no, leave blank.

Yes	
· 📮	(i) Greater scope or size than normally experienced for a particular category of action
· L	(ii) Actions with a high level of public controversy
Ш	(iii) Potential for degradation, even though slight, of already existing poor environmental conditions;
	(iv) Employment of unproven technology with potential adverse effects or actions involving unique or unknown environmental risks;
	(v) Presence of endangered or threatened species or their critical habitat, or archaeological, cultural, historical or other protected resources;
	(vi) Presence of hazardous or toxic substances at levels which exceed Federal, state or local regulations or standards requiring action or attention;
	(vii) Actions with the potential to affect special status areas adversely or other critical resources such as wetlands, coastal zones, wildlife refuge and wilderness areas, wild and scenic rivers, sole or principal drinking water aquifers;
П	(viii) Potential for adverse effects on health or safety; and
	(ix) Potential to violate a federal, state, local or tribal law or requirement imposed for the protection of the environment.
	(x) Potential for significant cumulative impact when the proposed action is combined with
_	other past, present and reasonably foreseeable future actions, even though the impacts of the proposed action may not be significant by themselves.
Comments:	None

#### V. Environmental Review Project Conditions

**Project Conditions:** 

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.
- Applicant shall handle, manage, and dispose of potentially hazardous waste, universal waste, and hazardous materials in accordance with the requirements of local, state, and federal regulations. These materials may include but are not limited to asbestos, lead-based paint, laboratory reagents, propane cylnders, paints and solvents, coolants containing chlorofluorocarbons (cfcs), used oil, polychlorinated biphenyls (pcbs), other petroleum products, used oil filters, fuel filters, cleaning chemicals, pesticides, batteries, and unlabeled tanks and containers. Equipment that may include these materials are ice machines, refrigerators, generators, computers, televisions, mercury switches, fluorescent lights, fluorescent light ballasts, sandblast units, paint sprayers, etc.
- Demolition must follow the lower impact demolition stipulations & additional protocols which are attached. The stipulations and protocols should be explicit in the request for proposal. Failure to comply with these stipulations & additional protocols will jeopardize receipt of federal funding. If during the course of work, archaeological artifacts (prehistoric or historic) or human remains are discovered, the applicant shall stop work in the vicinity of the discovery and take all reasonable measures to avoid or minimize harm to the finds. The applicant shall inform their public assistance (pa) contacts at FEMA, who will in turn contact FEMA historic preservation staff. The applicant will not proceed with work until FEMA historic preservation staff have completed consultation with the Louisiana State Historic Preservation Officer (SHPO). In addition, if unmarked graves are present, compliance with the Louisiana Unmarked Human Burial Sites Preservation Act (R.S. 8:671 et seq.) is required. The applicant shall notify the law enforcement agency of the jurisdiction where the remains are located within twenty-four hours of the discovery. The applicant shall also notify FEMA and the Louisiana Unmarked Burial Sites Board (call the Louisiana Division of Archeology at 225-342-8170) within seventy-two hours of the discovery. If this scope of work and/or the footprint/location of the new building changes, this project will need to be resubmitted for further Section 106 review prior to ground disturbing activities taking place outside of the pre-disaster footprint of the building.
- New construction must coordinate and comply with local floodplain ordinances. Appropriate permits and certifications must be obtained and attached. Per 44 CFR 9.11(d)(9), the replacement of building contents, materials and equipment, where possible, disaster proofing of the building and/or elimination of such future losses by relocation of those building contents, materials and equipment to or above the advisory base floodplain. Per 44 CFR 9.12, applicant must publish a final public notice 15 days prior to the start of construction activities. Final public notice is to be forwarded to the LA GOHSEP and FEMA for inclusion in the permanent project files.