



November 24, 2008

Mr. Ray Aycock  
Field Supervisor  
U.S. Fish and Wildlife Service, Jackson Field Office  
6578 Dogwood View Parkway  
Suite A  
Jackson, MS 39213

**Re: Request for Project Review – North Bay Elementary School Relocation Project, Hancock County, Mississippi**

Dear Mr. Aycock:

On August 29, 2005, Hurricane Katrina made landfall on the Mississippi Gulf Coast, resulting in high winds, heavy rains, and flooding that caused extensive damage throughout the Bay St. Louis-Waveland School District (BWSD). Due to their proximity to St. Louis Bay and the Gulf of Mexico, BWSD's Waveland Elementary School (WES), North Bay Elementary School (NBES), and Second Street Elementary School (SSES) were severely damaged (see Figure 1). After Katrina, faculty and students at each of the three damaged schools were housed in temporary facilities located on their respective school sites. For the 2008-2009 school year, to prepare for District's proposed elementary school redevelopment plans (and while WES is being rebuilt in place as the Bay-Waveland Lower Elementary School), the grade levels served at WES, NBES, and SSES were temporarily restructured. All BWSD students in kindergarten through second grade were relocated to the temporary facilities at NBES; third and fourth grades were relocated to the temporary facilities at SSES; and fifth grade students were relocated to Bay Waveland Middle School.

North Bay Elementary School (NBES), located at 740 Dunbar Avenue in Bay St. Louis, was comprised of five main buildings and two modular classrooms totaling approximately 30,000 square feet. The school provided public education from kindergarten through third grade and held a capacity of 756 students. The majority of the NBES campus was located within the 100-year floodplain (Flood Zone A11) and the overall campus was located within the ABFE Coastal High Hazard Area. Damages to NBES, resulting from an approximate 27-foot storm surge and including extensive roof damage, exceeded the 50% repair/replacement ratio for the entire school campus.

Second Street Elementary School (SSES), located on 400 North 2<sup>nd</sup> Street in Bay St. Louis, provided public education from fourth through fifth grade and held a capacity of 885 students. The school was comprised of an approximate 44,000-square-foot, two-story structure built in 1923, which is listed on the National Register of Historic Places (NRHP) and is considered a Mississippi Landmark. The school also contained an approximate 9,000-square-foot structure built circa 1965, known as the Ingram Building, which may also be historically significant. Both buildings are located outside the 100-year floodplain (Flood Zone C), but are located within the ABFE. Damages to SSES, resulting from an approximate 5-foot storm surge and including extensive roof damage, exceeded the 50% repair/replacement ratio, meeting FEMA's criteria for demolition and replacement of the school campus.

In lieu of replacement of both NBES and SSES, BWSD has requested FEMA funding for an improved project to relocate the facilities and students from NBES and SSES to a consolidated, new site located

200 Orchard Ridge Drive, Suite 101  
Gaithersburg, MD 20878  
TEL 301-670-3376  
FAX 301-869-8728



## **Nationwide Infrastructure Support Technical Assistance Consultants**

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adjacent to the Bay-Waveland Middle School on 600 Pine Street in Bay St. Louis (see Figure 2). The proposed project would construct a new 90,000-square-foot school, designed for a capacity of 1,008 students and would serve third through fifth grades district wide (see Figure 3). The new school would be known as the Bay-Waveland Upper Elementary School and would be located approximately 0.6 mile west and 1.4 miles northwest of NBES and SSES, respectively. According to preliminary Digital Flood Insurance Rate Maps (DFIRMs), portions of the proposed project site are located in Flood Zones A10, B, and C, and are within the ABFE. The proposed project would add fill material to elevate the site to approximately 24 feet, outside the 100-year floodplain and ABFE. The proposed project would also construct a new access road from the proposed project site connecting Pine Street to Athletic Drive.

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NISTAC has been retained by FEMA to prepare an Environmental Assessment (EA) for the proposed project. In compliance with the National Environmental Policy Act (NEPA) of 1969, as amended, NISTAC requests that your agency review the proposed project and provide comments and any available information on resources under your agency's jurisdiction within the project area. If you have any questions or need additional information, please contact me by telephone at 301.670.3379 or electronic mail at [angela\\_chaisson@urscorp.com](mailto:angela_chaisson@urscorp.com).

Sincerely,

**NISTAC**

A handwritten signature in cursive script that reads "Angela M. Chaisson".

Angela M. Chaisson  
Senior NEPA Specialist



November 24, 2008

Mr. James D. Giattina  
Director  
U.S. Environmental Protection Agency, Region 4, Water Management Division  
Sam Nunn Atlanta Federal Center  
61 Forsyth Street, SW  
Atlanta, GA 30303-8960

**Re: Request for Project Review – North Bay Elementary School Relocation Project, Hancock County, Mississippi**

Dear Mr. Giattina:

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Senior NEPA Specialist

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November 24, 2008

Mr. Homer L. Wilkes  
State Conservationist  
U.S. Department of Agriculture, Natural Resources Conservation Service  
100 W. Capitol Street  
Suite 1321 Federal Bldg.  
Jackson, MS 39269

**Re: Request for Project Review – North Bay Elementary School Relocation Project, Hancock County, Mississippi**

Dear Mr. Wilkes:

On August 29, 2005, Hurricane Katrina made landfall on the Mississippi Gulf Coast, resulting in high winds, heavy rains, and flooding that caused extensive damage throughout the Bay St. Louis-Waveland School District (BWSD). Due to their proximity to St. Louis Bay and the Gulf of Mexico, BWSD's Waveland Elementary School (WES), North Bay Elementary School (NBES), and Second Street Elementary School (SSES) were severely damaged (see Figure 1). After Katrina, faculty and students at each of the three damaged schools were housed in temporary facilities located on their respective school sites. For the 2008-2009 school year, to prepare for District's proposed elementary school redevelopment plans (and while WES is being rebuilt in place as the Bay-Waveland Lower Elementary School), the grade levels served at WES, NBES, and SSES were temporarily restructured. All BWSD students in kindergarten through second grade were relocated to the temporary facilities at NBES; third and fourth grades were relocated to the temporary facilities at SSES; and fifth grade students were relocated to Bay Waveland Middle School.

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November 24, 2008

Mr. Claiborne Barnwell  
Chief  
Mississippi Department of Transportation, Environmental Division  
Administration Building  
P.O. Box 1850  
Jackson, MS 39215-1850

**Re: Request for Project Review – North Bay Elementary School Relocation Project, Hancock County, Mississippi**

Dear Mr. Barnwell:

On August 29, 2005, Hurricane Katrina made landfall on the Mississippi Gulf Coast, resulting in high winds, heavy rains, and flooding that caused extensive damage throughout the Bay St. Louis-Waveland School District (BWSD). Due to their proximity to St. Louis Bay and the Gulf of Mexico, BWSD's Waveland Elementary School (WES), North Bay Elementary School (NBES), and Second Street Elementary School (SSES) were severely damaged (see Figure 1). After Katrina, faculty and students at each of the three damaged schools were housed in temporary facilities located on their respective school sites. For the 2008-2009 school year, to prepare for District's proposed elementary school redevelopment plans (and while WES is being rebuilt in place as the Bay-Waveland Lower Elementary School), the grade levels served at WES, NBES, and SSES were temporarily restructured. All BWSD students in kindergarten through second grade were relocated to the temporary facilities at NBES; third and fourth grades were relocated to the temporary facilities at SSES; and fifth grade students were relocated to Bay Waveland Middle School.

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Angela M. Chaisson  
Senior NEPA Specialist



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November 24, 2008

Ms. Michelle Vinson  
Mississippi Department of Environmental Quality  
Office of Pollution Control, Environmental Permits Division  
P.O. Box 2261  
Jackson, MS 39289-0385

**Re: Request for Project Review – North Bay Elementary School Relocation Project, Hancock County, Mississippi**

Dear Ms. Vinson:

On August 29, 2005, Hurricane Katrina made landfall on the Mississippi Gulf Coast, resulting in high winds, heavy rains, and flooding that caused extensive damage throughout the Bay St. Louis-Waveland School District (BWSD). Due to their proximity to St. Louis Bay and the Gulf of Mexico, BWSD's Waveland Elementary School (WES), North Bay Elementary School (NBES), and Second Street Elementary School (SSES) were severely damaged (see Figure 1). After Katrina, faculty and students at each of the three damaged schools were housed in temporary facilities located on their respective school sites. For the 2008-2009 school year, to prepare for District's proposed elementary school redevelopment plans (and while WES is being rebuilt in place as the Bay-Waveland Lower Elementary School), the grade levels served at WES, NBES, and SSES were temporarily restructured. All BWSD students in kindergarten through second grade were relocated to the temporary facilities at NBES; third and fourth grades were relocated to the temporary facilities at SSES; and fifth grade students were relocated to Bay Waveland Middle School.

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November 24, 2008

Mr. Andy Prosser  
Bureau Director  
Mississippi Department of Agriculture and Commerce  
P.O. Box 1609  
Jackson, MS 39215

**Re: Request for Project Review – North Bay Elementary School Relocation Project, Hancock County, Mississippi**

Dear Mr. Prosser:

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November 24, 2008

Mr. Don Underwood  
Executive Director  
Mississippi Soil and Water Conservation Commission  
P.O. Box 23005  
Jackson, MS 39225-3005

**Re: Request for Project Review – North Bay Elementary School Relocation Project, Hancock County, Mississippi**

Dear Mr. Underwood:

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Second Street Elementary School (SSES), located on 400 North 2<sup>nd</sup> Street in Bay St. Louis, provided public education from fourth through fifth grade and held a capacity of 885 students. The school was comprised of an approximate 44,000-square-foot, two-story structure built in 1923, which is listed on the National Register of Historic Places (NRHP) and is considered a Mississippi Landmark. The school also contained an approximate 9,000-square-foot structure built circa 1965, known as the Ingram Building, which may also be historically significant. Both buildings are located outside the 100-year floodplain (Flood Zone C), but are located within the ABFE. Damages to SSES, resulting from an approximate 5-foot storm surge and including extensive roof damage, exceeded the 50% repair/replacement ratio, meeting FEMA's criteria for demolition and replacement of the school campus.

In lieu of replacement of both NBES and SSES, BWSD has requested FEMA funding for an improved project to relocate the facilities and students from NBES and SSES to a consolidated, new site located adjacent to the Bay-Waveland Middle School on 600 Pine Street in Bay St. Louis (see Figure 2). The

200 Orchard Ridge Drive, Suite 101  
Gaithersburg, MD 20878  
TEL 301-670-3376  
FAX 301-869-8728



## **Nationwide Infrastructure Support Technical Assistance Consultants**

*A Joint Venture of URS Group, Inc. and Dewberry & Davis, LLC*

proposed project would construct a new 90,000-square-foot school, designed for a capacity of 1,008 students and would serve third through fifth grades district wide (see Figure 3). The new school would be known as the Bay-Waveland Upper Elementary School and would be located approximately 0.6 mile west and 1.4 miles northwest of NBES and SSES, respectively. According to preliminary Digital Flood Insurance Rate Maps (DFIRMs), portions of the proposed project site are located in Flood Zones A10, B, and C, and are within the ABFE. The proposed project would add fill material to elevate the site to approximately 24 feet, outside the 100-year floodplain and ABFE. The proposed project would also construct a new access road from the proposed project site connecting Pine Street to Athletic Drive.

In accordance with FEMA disaster-specific guidance for relocation projects, NBES would be demolished and the site returned to grade. However, due to the potential historical significance of the SSES buildings, BWSD is coordinating with FEMA and the State Historic Preservation Office (SHPO) to identify an alternative approach for that school.

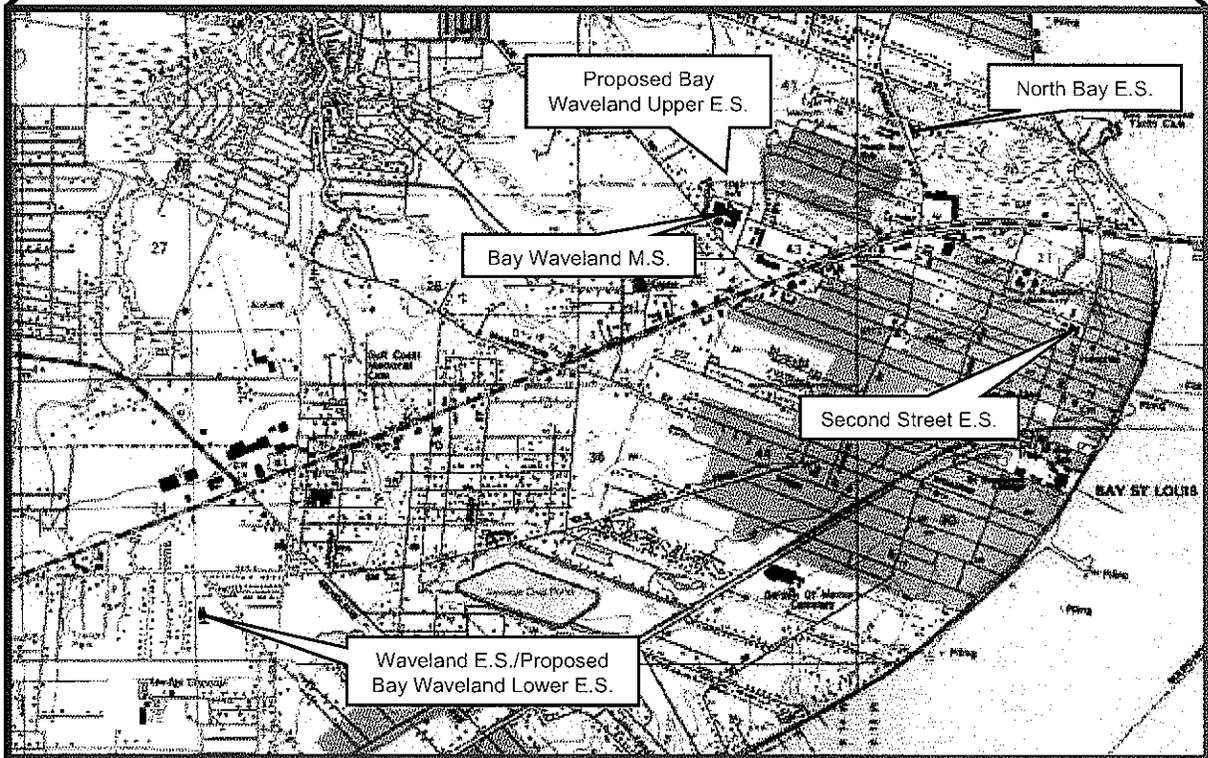
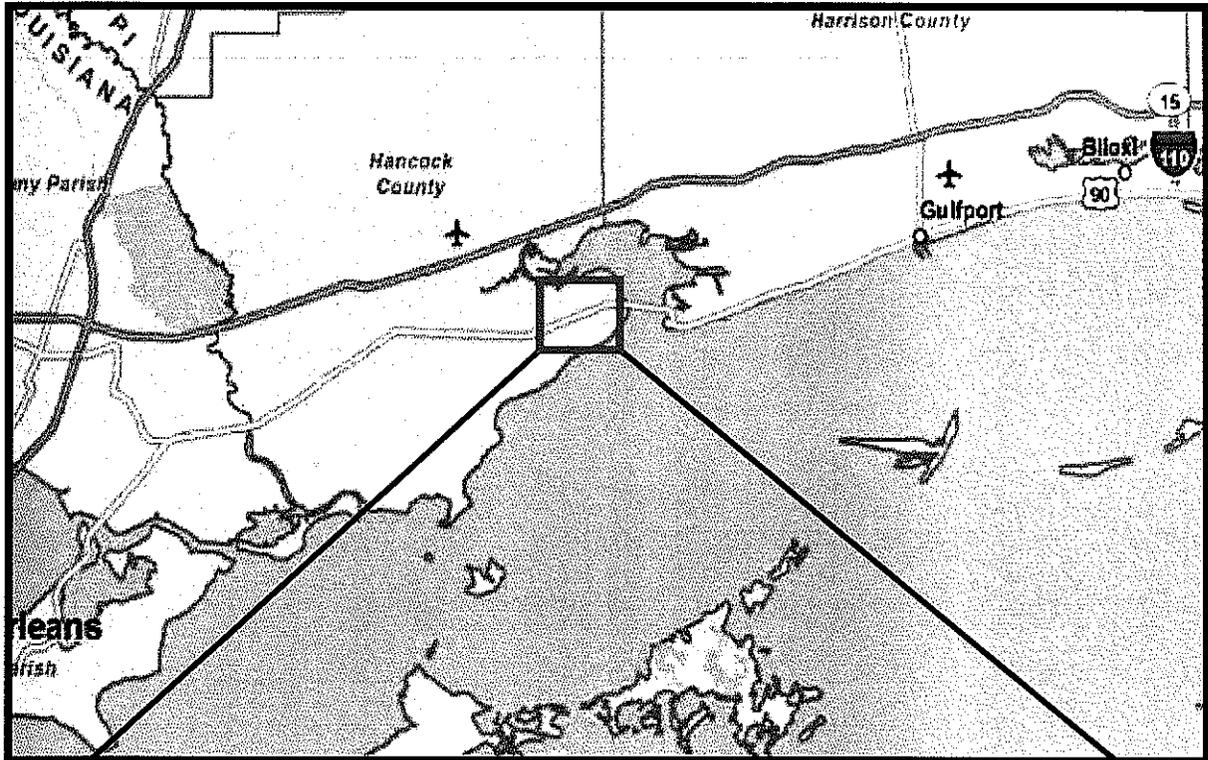
NISTAC has been retained by FEMA to prepare an Environmental Assessment (EA) for the proposed project. In compliance with the National Environmental Policy Act (NEPA) of 1969, as amended, NISTAC requests that your agency review the proposed project and provide comments and any available information on resources under your agency's jurisdiction within the project area. If you have any questions or need additional information, please contact me by telephone at 301.670.3379 or electronic mail at [angela\\_chaisson@urscorp.com](mailto:angela_chaisson@urscorp.com).

Sincerely,

**NISTAC**

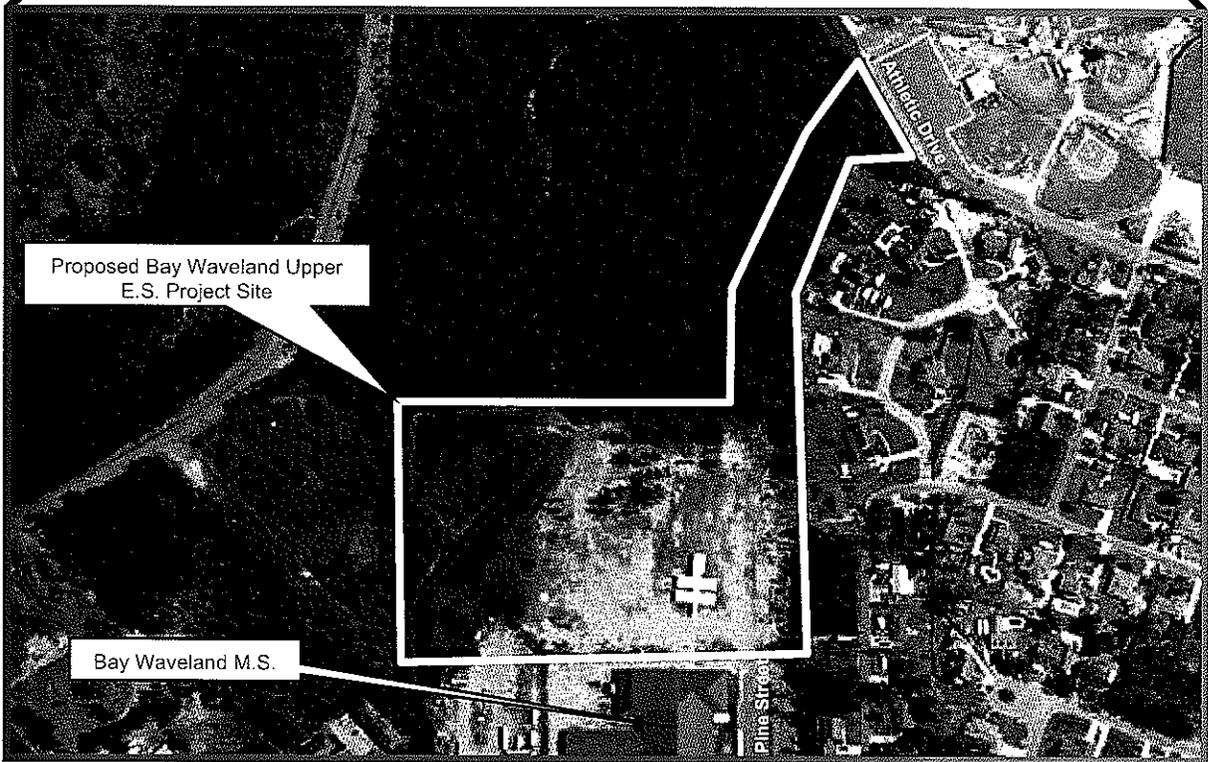
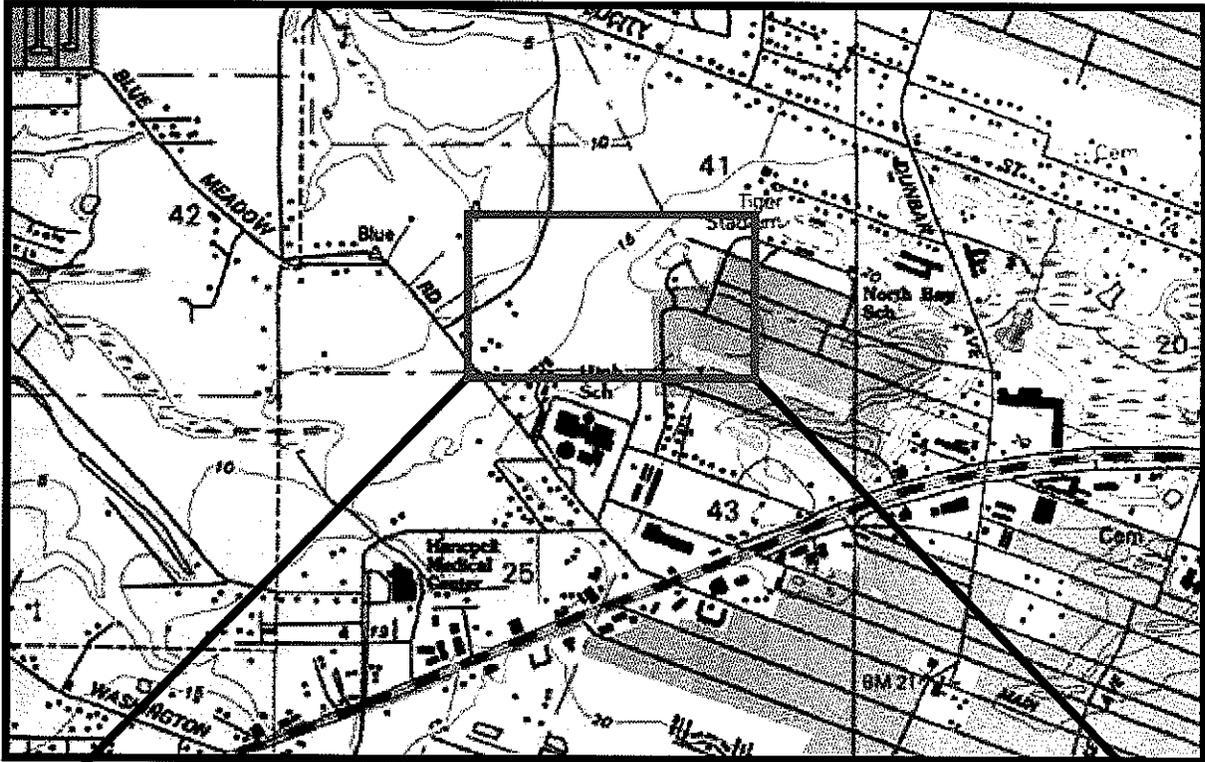
A handwritten signature in black ink, appearing to read "Angela M. Chaisson", written in a cursive style.

Angela M. Chaisson  
Senior NEPA Specialist



Source: USGS, Bay St. Louis and Waveland quadrangles

CLIENT Bay St. Louis-Waveland School District				TITLE PROJECT VICINITY	
PROJ North Bay Elementary School Relocation Project				PROJ NO 15708003	
REVISION NO	DES BY				FIGURE 1
SCALE Not to scale	DR BY				
FILE	CHK BY				



Source: USGS, Bay St. Louis quadrangle; Aerials Express, Gulf Coast 2006

CLIENT Bay St. Louis-Waveland School District				TITLE PROJECT AREA	
PROJ North Bay Elementary School Relocation Project				 PROJ NO 15708003 FIGURE 2	
REVISION NO	DES BY				
SCALE Not to scale	DR BY				
FILE	CHK BY				





## United States Department of the Interior

FISH AND WILDLIFE SERVICE  
Mississippi Field Office  
6578 Dogwood View Parkway, Suite A  
Jackson, Mississippi 39213

December 9, 2008

Ms. Angela Chaisson  
NISTAC  
200 Orchard Ridge Drive  
Suite 101  
Gaithersburg, MD 20878

Dear Ms. Chaisson,

The U.S. Fish and Wildlife Service (Service) has reviewed your letter dated November 24, 2008 regarding the proposed relocation of North Bay Elementary School in Bay St. Louis, Hancock County, Mississippi. Our comments are submitted in accordance with the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.).

The Service has determined that the proposed project will not affect any federally listed threatened or endangered species, as suitable habitat does not exist within the project boundary. However, the proposed project may impact wetlands; therefore, the Service recommends that the applicant contact the U.S. Army Corps of Engineers, Mobile District (251-694-3781) regarding the need for a Department of the Army Clean Water Act Section 404 permit.

If you have any additional questions, please feel free to contact me at (601) 321-1135.

Sincerely,

Sabrina Chandler  
Wildlife Biologist



# FEMA

U.S. Department of Homeland Security  
Federal Emergency Management Agency  
Transitional Recovery Office  
220 Popps Ferry Rd.  
Building A – South  
Biloxi, MS 39531

December 22, 2008

Mr. Jim Woodrick  
Review and Compliance Officer  
Mississippi Department of Archives and History  
Historic Preservation Division  
P.O. Box 571  
Jackson, MS 39205-0571

RE: Section 106 Consultation and Request for Concurrence – New Construction of Bay-Waveland Upper Elementary School, Hancock County, MS

Dear Mr. Woodrick:

The Bay St. Louis-Waveland School District has applied to the Federal Emergency Management Agency (FEMA) for assistance under the Public Assistance (PA) Program for the proposed construction of the New Bay-Waveland Upper Elementary School in Hancock County, Mississippi (Figure 1).

On August 29, 2005, Hurricane Katrina made landfall on the Mississippi Gulf Coast, resulting in high winds, heavy rains, and flooding that caused extensive damage throughout the Bay St. Louis-Waveland School District (BWSD). Due to their proximity to St. Louis Bay and the Gulf of Mexico, BWSD's Waveland Elementary School (WES), North Bay Elementary School (NBES), and Second Street Elementary School (SSES) were severely damaged (see Figure 1). After Katrina, faculty and students at each of the three damaged schools were housed in temporary facilities located on their respective school sites. For the 2008-2009 school year, to prepare for District's proposed elementary school redevelopment plans (and while WES is being rebuilt in place as the Bay-Waveland Lower Elementary School), the grade levels served at WES, NBES, and SSES were temporarily restructured. All BWSD students in kindergarten through second grade were relocated to the temporary facilities at NBES; third and fourth grades were relocated to the temporary facilities at SSES; and fifth grade students were relocated to Bay Waveland Middle School.

NBES, located at 740 Dunbar Avenue in Bay St. Louis, comprised of five main buildings and two modular class rooms totaling 30,000 square feet. The school was constructed in 1960 with a later addition in 1995. The school provided public education from kindergarten through third grade and held a capacity of 756 students. The majority of the NBES campus was located within the 100-year floodplain (Flood Zone A11) and the overall campus was located within the Above Base Flood Elevation (ABFE) Coastal High Hazard Area. Damages to NBES, resulting from an approximate 27-foot storm surge and including extensive roof damage, exceeded the 50% repair/replacement ratio for the entire school campus; meeting FEMA's criteria for demolition and replacement of the school campus. Due to public health and safety concerns, the remaining structures on the NBES campus were

demolished. A series of modular class rooms have been placed on the campus, providing a temporary educational facility for faculty and students displaced after Hurricane Katrina.

In lieu of replacement of NBES, BWSD has requested FEMA funding for an improved project to relocate the facilities and students from NBES and the students from Second Street Elementary School (SSES) to a consolidated, new site located adjacent to the Bay-Waveland Middle School on 600 Pine Street in Bay St. Louis (see Figure 2). SSES, located on 400 North 2<sup>nd</sup> Street in Bay St. Louis, provided public education from fourth through fifth grade and held a capacity of 885 students. The school, built in 1923, is listed on the National Register of Historic Places (NRHP) and is considered a Mississippi Landmark. Although SSES was also severely damaged as a result of Hurricane Katrina, BWSD does not intend to utilize FEMA funding allocated for the repairs of SSES to fund the abovementioned relocation project. BWSD is currently evaluating alternative educational uses for the facility and also coordinating with FEMA and the Mississippi Department of Archives and History on a Memorandum of Agreement, which outlines measures to avoid, minimize, or mitigate any potential adverse effects to SSES.

The proposed project would construct a new 90,000-square-foot school, designed for a capacity of 1,008 students and would serve third through fifth grades district wide (see Figure 3). The new school would be known as the Bay-Waveland Upper Elementary School and would be located approximately 0.6 mile west and 1.4 miles northwest of NBES and SSES, respectively. According to preliminary Digital Flood Insurance Rate Maps (DFIRMs), portions of the proposed project site are located in Flood Zones A10, B, and C, and are within the ABFE. The proposed project would add fill material to elevate the site to approximately 24 feet, placing it outside the 100-year floodplain and ABFE. The proposed project includes the construction of a new access road from the project site connecting Pine Street to Athletic Drive.

On November 29, 2007, a FEMA archeologist and architectural historian, both qualified in their respective disciplines under *Secretary of the Interior's Professional Qualification Standards* (36 CFR Part 61), conducted an assessment of the project's potential to affect historic properties within the Area of Potential Effects (APE). The APE is the geographic area within which an undertaking may directly or indirectly cause changes in the character or use of historic properties, if such properties exist. For archaeology, the APE is defined as the 9-acre property and the proposed access road. For above-ground historic properties, the APE is extended out to a 0.5-mile radius around the proposed project site and access road to account for indirect visual effects. This APE was previously established through FEMA consultation with the Mississippi State Historic Preservation Office (SHPO).

The proposed project area is relatively level and located within the Coastal Pine Meadows Physiographic Region at elevations ranging from 10 to 19 feet amsl and approximately 1.3 miles from the St Louis Bay and the Jourdan River. The project area lies near two bayous – Watts Bayou to the west and Joes Bayou to the north. An unnamed branch of an intermittent stream is visible to the south of the area on the soils map and once flowed into Joes Bayou. The majority of the project area has been cleared and is bounded on the north by a wooded area (Photo 6). Pine Street forms a partial eastern border along the southeast edge, with a

remnant wood line beginning where the street ends (Photo 3 and 4). The wood line extends to the north of Pine Road and forms a buffer to a residential area to the east. The Bay Waveland Middle School is located to the south (Photos 1 and 5). Large wetland areas with standing water are located in the northwest corner of the project area (Photo 7).

The soils are recorded as Escambia loam, 2 to 5% slopes, and Plummer loamy sands (Soil Survey of Hancock County, MS, Smith et al. 1981:12 and 18). The Escambia loam soils are poorly drained soils on low upland ridges and side slopes with moderate permeability. The Plummer loamy sand soils are poorly drained, wet soils on flats and in drainageways, mostly in woodlands. Both soils are well suited to conifers such as loblolly, longleaf, and slash pines.

The site visit revealed no extant historic properties within the proposed APE. Sanborn Insurance Maps from 1893 to 1930 were examined, but no buildings are depicted on the maps for this time span. During this time, Bay St. Louis city limits did not extend into the project area. The city of Bay St. Louis originally centered along the coast and grew through time to the north. The modern day expansion began with the construction of Highway 90. The majority of the proposed project area, especially the central section, appears to have been disturbed from grading (Photos 2, 4, and 5). Wetlands are located along the northwest border and stands of woods mark the northern border. The proposed access road is an overgrown, unused two track located along the north east border (Photo 8). To the east is a remnant wood line with a modern residential area shielded by the tree line. To the south and south east, a playing field, an access road, a parking area, and recent school buildings are located.

FEMA utilized USGS topographic mapping, provided by the SHPO, to identify known archeological survey areas and sites recorded on or in the vicinity of the proposed project site. These maps indicate that the APE for this project is completely within the boundaries of two previous archaeological surveys, specifically 92-373, surveyed in 1992, surveyor unknown, and 96-044 surveyed by Mann in 1996 for the Hollywood Casino. No sites were identified from either survey. Areas to the north, northeast and northwest have also been surveyed (81-054, 92-049, and 94-033) with similar negative results. Information gathered from the MS SHPO previously recorded site maps and the site cards (also on file with FEMA), the sites in closest proximity are the following (Figure 4):

Two sites, 22HA510 (Joe's Bayou Site) and 22HA542 (Lambert Site) are approximately 1 mile to the northwest on Joe's Bayou. Site 22HA510 was originally recorded as a village site/shell midden located on the south bank of the mouth of the Jourdan River. The site was revisited in 1981 by the University of Illinois. The 1981 site visit indicated that the Joes Bayou Site dated to the Late Woodland and Mississippian occupations. Disturbance from a recently constructed boat slip had impacted part of the site area but apparently no survey had been conducted prior to this boat ramp installation, which was permitted under Section 404 of the Clean Water Act. The Lambert Site, 22HA542, is recorded as dating from the Late Woodland (possibly Early Archaic and Early Woodland) with a historic component located on Lambert Creek (which may also be Joes Creek Bayou) near the confluence of the bayou with the Jourdan River. Notes on the site form identify it as a shell midden with a historic component.

Located 3000 feet to the northeast, 22HA558 is recorded as a historic site by Charles Gray, a local historian. He identified the site as a field camp for a Scottish Platoon during the War of 1812. There are no collections associated with this site, and it is thought to be destroyed. 22HA544 appears to be an isolated projectile point but no diagnostic information was given. The isolate was found approximately 6500 feet on the coast line to the northeast. 22HA605, the Bay Waveland Yacht Club Site is recorded 6500 feet to the east on the coast and includes Archaic, Woodland and Mississippian components as well as the remains of a wrecked schooner. The Ramsey Mound, 22HA528, is approximately 8000 feet to the southeast and 200 feet from the coast. The flat topped mound site (platform) rises six feet above the present day surface and measures approximately 130 feet by 150 feet at the base narrowing to 30 feet x 50 feet at the top. The site has never been systematically tested, but is said to consist of shell and dark midden fill. Immediately to the east, across Beach Boulevard, 22HA613 is located. This is a multi-component site with Woodland, Mississippian, and Historic occupations. The site has been tested and is eligible to the NRHP. It seems likely that the site is associated with the Ramsey Mound.

Sites 22HA541 and 22HA553 are recorded 8000 feet to the southeast along, the coast; the site files indicate that they may be the same site. Site 22HA541 is recorded as Late Archaic/Early Woodland and Historic and Site 22HA553 is recorded as a blacksmith shop. Very little additional information is available.

An examination of the Sanborn Insurance maps indicate that there were no structures within the area between 1893 and 1930. Nor was this area within the city limits of Bay St. Louis during this time span. The USGS quadrangle maps with previously recorded archaeological sites and surveys, maps that have been provided by the MS SHPO's office, indicate that the project area has been previously surveyed, and no sites were recorded during the previous surveys that were conducted in 1992 and 1996. A site visit by FEMA identified no extant above-ground historic properties, including buildings or structures, in the proposed project area. Therefore, FEMA has determined that no historic properties will be affected by the proposed undertaking, defined as the construction of the Bay-Waveland Upper Elementary School. FEMA requests your concurrence with these determinations.

Should you need additional information please contact Patrice Bamat, Historic Preservation Specialist, at (228) 365-9933 or [karen.bamat@dhs.gov](mailto:karen.bamat@dhs.gov). A map, photographs, and a site plan are provided. Your prompt review of this project is greatly appreciated.

Sincerely,



Michael Grisham  
Environmental Liaison Officer  
FEMA-1604-DR-MS

The MDAH concurs with FEMA's determination that the proposed project will have no effect on historic properties.

\_\_\_\_\_  
Concur

\_\_\_\_\_  
Date



# FEMA

U.S. Department of Homeland Security  
Federal Emergency Management Agency  
Transitional Recovery Office  
220 Popps Ferry Rd.  
Building A – South  
Biloxi, MS 39531

December 22, 2008

Mr. Kenneth Carleton  
Tribal Historic Preservation Officer  
Mississippi Band of Choctaw Indians  
101 Industrial Rd.  
Choctaw, MS 39205-0571

RE: Section 106 Consultation and Request for Concurrence – New Construction of Bay-Waveland Upper Elementary School, Hancock County, MS

Dear Mr. Carleton:

The Bay St. Louis-Waveland School District has applied to the Federal Emergency Management Agency (FEMA) for assistance under the Public Assistance (PA) Program for the proposed construction of the New Bay-Waveland Upper Elementary School in Hancock County, Mississippi (Figure 1).

On August 29, 2005, Hurricane Katrina made landfall on the Mississippi Gulf Coast, resulting in high winds, heavy rains, and flooding that caused extensive damage throughout the Bay St. Louis-Waveland School District (BWSD). Due to their proximity to St. Louis Bay and the Gulf of Mexico, BWSD's Waveland Elementary School (WES), North Bay Elementary School (NBES), and Second Street Elementary School (SSES) were severely damaged (see Figure 1). After Katrina, faculty and students at each of the three damaged schools were housed in temporary facilities located on their respective school sites. For the 2008-2009 school year, to prepare for District's proposed elementary school redevelopment plans (and while WES is being rebuilt in place as the Bay-Waveland Lower Elementary School), the grade levels served at WES, NBES, and SSES were temporarily restructured. All BWSD students in kindergarten through second grade were relocated to the temporary facilities at NBES; third and fourth grades were relocated to the temporary facilities at SSES; and fifth grade students were relocated to Bay Waveland Middle School.

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The proposed project would construct a new 90,000-square-foot school, designed for a capacity of 1,008 students and would serve third through fifth grades district wide (see Figure 3). The new school would be known as the Bay-Waveland Upper Elementary School and would be located approximately 0.6 mile west and 1.4 miles northwest of NBES and SSES, respectively. According to preliminary Digital Flood Insurance Rate Maps (DFIRMs), portions of the proposed project site are located in Flood Zones A10, B, and C, and are within the ABFE. The proposed project would add fill material to elevate the site to approximately 24 feet, placing it outside the 100-year floodplain and ABFE. The proposed project includes the construction of a new access road from the project site connecting Pine Street to Athletic Drive.

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Should you need additional information please contact Patrice Bamat, Historic Preservation Specialist, at (228) 365-9933 or [karen.bamat@dhs.gov](mailto:karen.bamat@dhs.gov). A map, photographs, and a site plan are provided. Your prompt review of this project is greatly appreciated.

Sincerely,



Michael Grisham  
Environmental Liaison Officer  
FEMA-1604-DR-MS

The Mississippi Band of Choctaw Indians concurs with FEMA's determination that the proposed project will have no effect on historic properties.

---

Concur

---

Date

**Client Name:**  
Bay St.Louis-Waveland School Distr

**Site Location:**  
North Bay Elementary School Relocation

**Project No.**

Date	Data Point	Photo No.
11/2007		1

**Direction Photo Taken:**

West

**Description:**

Overview of existing structures



Date	Data Point	Photo No.
11/2007		2

**Direction Photo Taken:**

Facing northwest

**Description:**

Middle section of the 9 acre proposed project area



**Client Name:**

Bay St. Louis-Waveland School Distr.

**Site Location:**

North Bay Elementary School Relocation

**Project No.**

Date	Data Point	Photo No.
11/2008		3

**Direction Photo Taken:**

East/northeast

**Description:**

Parking lot along the east boundary of the project area



Date	Data Point	Photo No.
11/2008		4

**Direction Photo Taken:**

Facing east

**Description:**

Open, cleared area with remnant tree line to the east to residential area

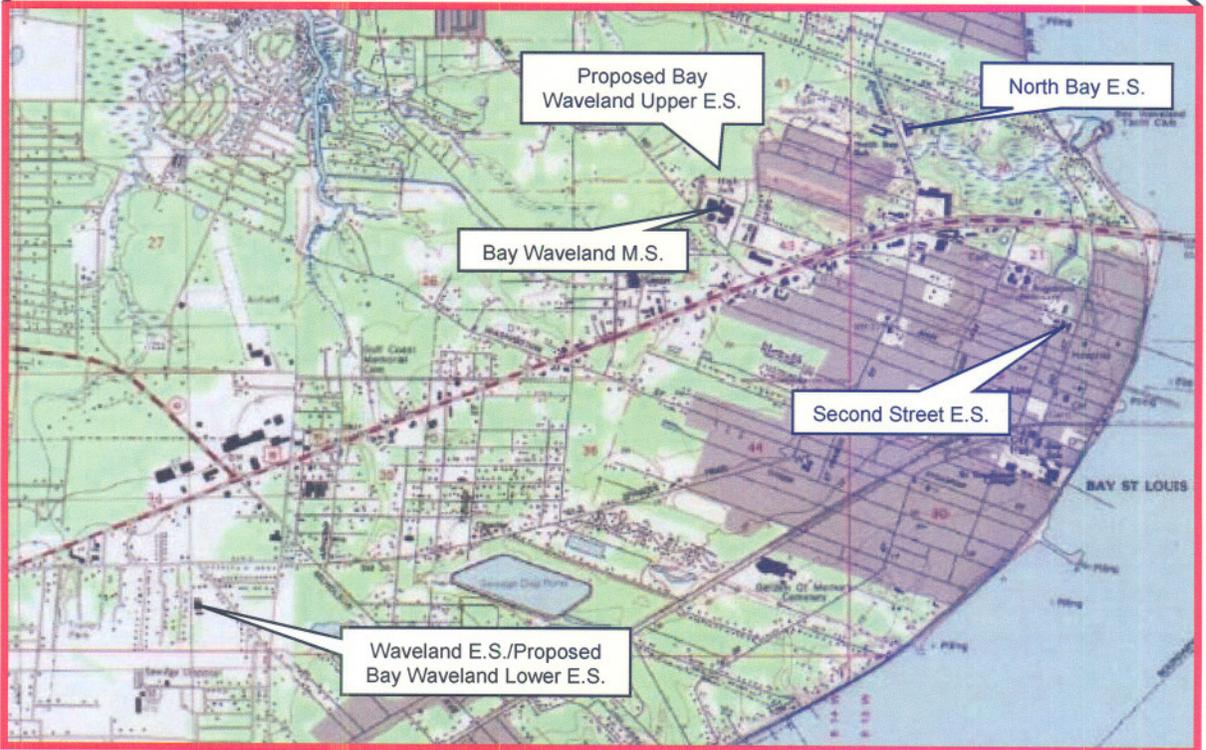
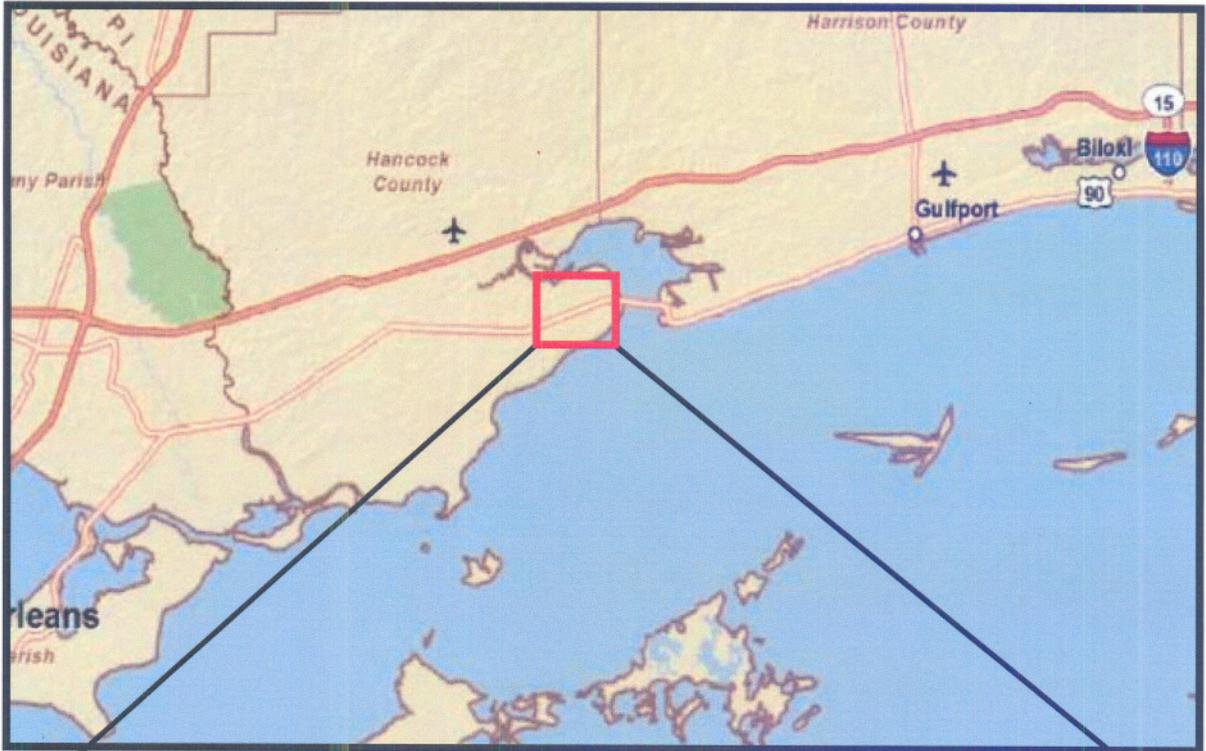


<b>Client Name:</b> Bay St. Louis-Waveland School Distr			<b>Site Location:</b> North Bay Elementary School Relocation			<b>Project No.</b>		
<b>Date</b> 6/2008	<b>Data Point</b>	<b>Photo No.</b> 5	 <p>12 12:07PM</p>					
<b>Direction Photo Taken:</b> Facing southwest								
<b>Description:</b> Overview to the south								

<b>Date</b> 06/2008	<b>Data Point</b>	<b>Photo No.</b> 6	 <p>12 2:25PM</p>					
<b>Direction Photo Taken:</b> North/northwest								
<b>Description:</b> Open area along north border of the project area								

<b>Client Name:</b> Bay St.Louis-Waveland School Distr			<b>Site Location:</b> North Bay Elementary School Relocation			<b>Project No.</b>		
<b>Date</b> 11/07	<b>Data Point</b>	<b>Photo No.</b> 7						
<b>Direction Photo Taken:</b> Facing northwest								
<b>Description:</b> Wetland at northwest edge of site								

<b>Date</b> 06/08	<b>Data Point</b>	<b>Photo No.</b> 8						
<b>Direction Photo Taken:</b> Facing northeast								
<b>Description:</b> Proposed Access Road								



Source: USGS, Bay St. Louis and Waveland quadrangles

CLIENT Bay St. Louis-Waveland School District			TITLE <b>PROJECT VICINITY</b>	
PROJ North Bay Elementary School Relocation Project				
REVISION NO	DES BY	PROJ NO 15708003		
SCALE Not to scale	DR BY	FIGURE 1		
FILE	CHK BY			



Source: USGS, Bay St. Louis quadrangle; Aerials Express, Gulf Coast 2006

CLIENT Bay St. Louis-Waveland School District			
PROJ North Bay Elementary School Relocation Project			
REVISION NO	DES BY		
SCALE Not to scale	DR BY		
FILE	CHK BY		

TITLE		<b>PROJECT AREA</b>	
		PROJ NO	15708003
		FIGURE	2



This page replaces Figure 4, which shows archeological sites within 2 miles of the proposed project site. The location of archeological sites is considered sensitive information, not for public distribution.



HISTORIC PRESERVATION

Ken P'Pool, director • Jim Woodrick, acting director  
PO Box 571, Jackson, MS 39205-0571  
601-576-6940 • Fax 601-576-6955  
mdah.state.ms.us

December 30, 2008

Mr. Michael Grisham  
Environmental Liaison Officer  
FEMA-DR-1604-MS  
220 Popps Ferry Road, Bldg. A South  
Biloxi, Mississippi 39531

RE: Proposed new construction of Bay-Waveland Upper Elementary School, MDAH  
Project Log #12-138-08, Hancock County

Dear Mike:

We have reviewed your request for a cultural resource assessment, received on December 23, 2008, for the above referenced project in accordance with our responsibilities under Section 106 of the National Historic Preservation Act and 36 CFR Part 800. After reviewing the information provided, we concur with FEMA's determination that of No Historic Properties Affected. As such, we have no objection with the proposed undertaking.

Should there be additional work in connection with the project, or any changes in the scope of work, please let us know in order that we may provide you with appropriate comments in compliance with the above referenced regulations.

If we can be of further assistance, please do not hesitate to contact me at (601) 576-6940.

Sincerely,

Jim Woodrick  
Review and Compliance Officer

FOR: H.T. Holmes  
State Historic Preservation Officer

c: Clearinghouse for Federal Programs