

ENVIRONMENTAL ASSESSMENT
FOR
CONSTRUCTION OF A NEW
ST. VINCENT DE PAUL
ELEMENTARY SCHOOL
FOR THE
CATHOLIC DIOCESE OF BILOXI, MISSISSIPPI
FEMA-1604-DR-MS

Prepared for:

Federal Emergency Management Agency (FEMA)
Transitional Recovery Office
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ENVIRONMENTAL ASSESSMENT
St. Vincent DePaul Elementary School
Catholic Diocese of Biloxi
Harrison County, MS

1.0 INTRODUCTION:

On August 29, 2005, Hurricane Katrina extensively damaged the entire Mississippi (MS) Gulf Coast and surrounding areas. Hurricane Katrina was the U.S. Mainland's largest natural disaster in history. As a result of this storm two of the Catholic Diocese of Biloxi's (Diocese) elementary schools in Pass Christian, Harrison County, Mississippi were rendered unusable. The Diocese has applied to the Federal Emergency Management Agency (FEMA) for Public Assistance 406 funding under the Robert T. Stafford Relief and Emergency Assistance Act to help rebuild these schools.

Harrison County is located in South Mississippi. It is approximately 2,528 square kilometers, 1,505 square kilometers land and 1,023 square kilometers water. In the 2000 census the county population was 189,601. Gulfport and Biloxi are the county seats. Gulfport is located in the south central portion of the county and Biloxi in the southeast part of the county.

This Environmental Assessment (EA), attached, was prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, the President's Council on Environmental Quality regulations (40 Code of Federal Regulations [CFR] Parts 1500-1508) to implement NEPA, and Federal Emergency Management Agency (FEMA) regulations (44 CFR § 10.9) to implement NEPA. This EA analyzes the proposed project and alternatives in Pass Christian, Harrison County, Mississippi and assesses their potential impacts on the natural and human environment in order to determine whether to prepare an Environmental Impact Statement (EIS) or Finding of No Significant Impact (FONSI).

2.0 PURPOSE AND NEED

On August 29, 2005, Hurricane Katrina caused extensive damage to the entire Mississippi Gulf Coast and surrounding areas including the total destruction of the St. Thomas Catholic Elementary School and the St. Paul Catholic Elementary School located in Pass Christian, Harrison County, Mississippi. The Catholic Diocese of Biloxi provides the educational needs of 450-500 students consisting of Pre-Kindergarten through Sixth Grade. This would require about 65,000 square feet of facility space.

The two schools that would be replaced were on sites that are within flood zones and do not meet the requirements of FEMA or the Catholic Diocese for rebuilding (Attachment 4).

3.0 ALTERNATIVES CONSIDERED

3.1 No Action

Implementation of the No Action Alternative would entail no construction or replacement of the schools heavily damaged by the hurricane. Consequently, Harrison County school age children in western Harrison County would be without an option for parochial education.

3.2 Reconstruction at the Original Sites

This alternative would rebuild the destroyed schools on the original sites to pre-disaster configuration, function and capacity. Since the new facilities would be constructed within the same footprint as the original structures the sites would require relatively little clearing, grading, and compacting to prepare for construction. These sites are in the floodplain as they were previously. However, the level of risk to the students would be higher than before since the base flood elevations have been increased due to Katrina. The insurance would also be more expensive than for the original sites for the same reason.

3.3 Relocation and Construction of the proposed elementary school at an Alternative Location – Proposed Action

The project proposed by the Diocese for funding would to combine classrooms of 2 elementary schools destroyed by Hurricane Katrina in a new elementary school at a site already owned by the Catholic Diocese of Biloxi. The funds that would have been used to rebuild the destroyed schools would be directed to partially fund the new school construction as a part of the new elementary school complex.

The proposed a site is on land already currently owned by the Catholic Diocese of Biloxi and on which is already located Our Lady of Lourdes Catholic Church. This location is south of Derrick Road, between Menge Avenue and Espy Avenue in Pass Christian, Harrison County, MS. The specific site for the new school is Section 17, T8S-R12W and Latitude N 30°20'53" and Longitude 89°12'40"

In an effort to make the school a safer this site was selected because it is located outside the floodplain and would not have the level of risk of the original location. The school proposed for construction on this site would be a state-of-the art facility. It would facilitate learning for 400 to 500 students, offering them all of the tools of a quality education. The school would be designed to have 65,000 square feet.

Since the proposed site is relatively level, site preparation would be minimal, but would involve site clearing, grading, and compacting. Also a roadway to the school would be constructed to Espy Avenue. This roadway would serve as the main entrance to the site for all traffic. Construction could begin as soon as the final design has been approved.

4.0 DESCRIPTION OF THE AFFECTED ENVIRONMENT AND IMPACTS

4.1 Land Use and Zoning

The area of the proposed school would be located in a residential neighborhood and a light industrial area. The site is appropriately zoned for the new school.

4.2 Geology, Seismity and Soils

Harrison County is located on the Gulf Coastal Plain. The land surface is relatively flat. This area is dissected by streams and rivers flowing into the Gulf of Mexico. The southern portion of the county, on the gulf coast is generally a low-lying area with elevations at or near mean sea levels.

Because the proposed project involves the construction of a new building, Executive Order 12699, Seismic Safety of Federal and Federally Assisted or Regulated New Building Construction, applies to the proposed project. According to the Executive Order, the construction of the proposed project must use appropriate seismic design and construction standards and practices. The 1997 Uniform Building Code (UBC) and American Society of Civil Engineers (ASCE) Standard 7-95 are the only model codes that are substantially equivalent to Federal recommendation for the new building seismic design and construction. According to the National Seismic Hazard Mapping Project, there is currently a low probability of seismic activity within the project area (USGS 2003).

The *Soil Survey of Harrison County* indicates that the soils found at the proposed sites are classified as Latonia loamy sand (Lt), Harleston fine loamy sand, 0-2% slopes (H1A), Plummer loamy sand (Pm) and Ponzer and Smithton soils. The upland areas of the site are mapped as Harleston, Plummer and Latonia. Harleston and Latonia are hydric inclusive soil types. Hydric inclusive soils contain a component within the broad map units that may be hydric. The hydric component is usually located near topographic lows or adjacent to streams. Although Harleston and Latonia may contain areas of hydric soil, most of the Harleston and Latonia areas contain no low areas or areas with low chroma soils. The areas mapped as Ponzer and Smithton is relatively undisturbed due to the wetness associated with this soil type. The area mapped as Plummer is surrounded by developments to the south and north. A small, manmade ditch was created within the adjacent subdivision to the north. Roadside ditches are found along Evangeline Road. The changes in hydrology appear to have reduced the amount of hydrology in the Plummer soil type. Although the soils were low in chroma, no hydrology indicators were found within the Plummer Soil type.

Consequences of Alternatives:

Alternative A – No Action: Implementation of the No-Action Alternative would have no impact on existing soils.

Alternative B- Reconstruction at the Original Site: Reconstruction of the destroyed building on the original site would be clearing and grading activities,

filling and compaction. However, soil disturbance would be in the area already disturbed by construction of the facilities that were in place prior to the hurricane.

Alternative C- Proposed Action: Construction at the proposed site would require clearing of vegetation and grading and compaction of soil. The proposed site is relatively flat; subsequently the initial site work would not be significant. Exposed soils would be subject to erosion, therefore silt fence and/or other storm water quality best management practices would be utilized during construction.

4.3 Water Resources and Water Quality

4.3.1 Surface and Groundwater

No significant surface or groundwater contamination should occur because of the construction of this new school. No designated wild and scenic rivers are located near project.

Harrison County residents depend on groundwater from the Gulf Coast Aquifer as their potable water source. This underground reservoir which extends from Florida to Texas is comprised of two principal subsystems. The Lissie/ Goliad sand subsystem is used by Pass Christian and begins at roughly six-hundred feet below the ground surface and extends downwards an additional three-hundred to six-hundred feet. (RGCD 2003).

Consequences of Alternatives:

Alternative A – No Action: Implementation of the No-Action Alternative would have no impact on surface or groundwater resources.

Alternative B- Reconstruction at the Original Sites: Reconstruction of the facilities on the original sites would have no direct adverse impacts on the groundwater supply at that site. Soil disturbance from construction could potentially increase turbidity from site runoff during construction. Erosion control practices would be implemented during construction to limit turbidity and silt transport off site. Runoff from the facility would flow into city stormwater system. Construction at the original sites would not impact water sources.

Accidental spills of fluids used in construction equipment could potentially affect groundwater quality. Safe handling of hazardous construction materials, in accordance with all local, state, and federal regulations, and maintaining construction equipment off site, and in good working order, would minimize the potential for leaks and spills of hazardous material, including fuels, coolants, and lubricants and consequent water contamination. Given the measures outlined above, no significant short or long term impacts to surface or groundwater are anticipated.

Alternative C- Proposed Action:

This project has submitted a Stormwater Pollution Prevention Plan to the

Mississippi Department of Environmental Quality and would be constructed in accordance with all regulations. Construction of the new school would require disturbance of land. Soil disturbance from construction could potentially increase turbidity in site runoff during construction. Erosion control practices would be implemented during construction to limit turbidity and silt transport off site. Runoff from the facility would flow to the nearby drainage ditch and surface water would not be affected. Construction at the proposed site would not impact water sources. The drainage ditches that are on the site are part of a wetland system that exits the parcel along the southern boundary and continues southwest to Indian Bayou. The wetlands continue to Bayou Portage and the Bay of St. Louis. Accidental spills of fluids used in construction equipment could potentially affect groundwater quality. Safe handling of hazardous construction materials, in accordance with all local, state, and federal regulations, and maintaining construction equipment off site, and in good working order, would minimize the potential for leaks and spills of hazardous material, including fuels, coolants, and lubricants and consequent water contamination. Given the measures outlined above, no significant short or long term impacts to surface or groundwater are anticipated.

4.3.2 Wetlands and Other Waters of the U.S.

The U.S. Army Corps of Engineers (USACE) regulates the discharge of dredged or fill material into waters of the U.S., including wetlands, pursuant to Section 404 of the Clean Water Act. Wetlands are identified as those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support a prevalence of vegetation typically adapted for life in saturated soil conditions. In addition, Executive Order 11990, Protection of Wetlands, directs federal agencies to take actions to minimize the destruction, loss or degradation of wetlands and to preserve and enhance the values of wetlands on federal property.

Consequences of Alternatives:

Alternative A – No Action: The No-Action alternative would have no effect on wetlands or other waters of the U.S. and would not require a Section 404 permit.

Alternative B- Reconstruction at the Original Sites: Reconstruction of the school at the original sites would not impact or modify wetlands, have adverse effects on the natural values of wetlands, or directly or indirectly support impact wetlands or waters of the US.

Alternative C- Proposed Action: Construction of the school facility at a site safer from hurricanes and out of the flood zones would impact less than 0.8 acre of wetlands (See Attachment 3). Solutions, Inc. performed a preliminary wetland determination on 22.5 acres for the Catholic Diocese in May 2006 (See Appendix D). Solutions, Inc. determined that 4.1 acres of the site would be considered wetlands. The proposed site plan would impact 0.8 acres of the wetland area, avoiding 3.3 acres of wetlands on the site. A Nationwide permit for the proposed activity has been issued by the Mobile

district Corps of Engineers on November 6, 2006, to conduct the regulated activities associated with the proposed site (See Appendix D). Mitigation for the unavoidable loss of wetland functions and values would be provided by purchasing credits from an approved off-site mitigation bank. According to a map provided by the Harrison County Natural Resource and Conservation Service, the major soil types located within the site are: Latonia loamy sand (Lt), Harleston fine loamy sand, 0 to 2 % slopes (H1A), Plummer loamy sand (Pm) and Ponzer and Smithton soils (Ps). The upland areas are mapped as Harleston, Plummer and Latonia. Harleston and Latonia are hydric inclusive soil types. Hydric inclusive soils contain a component within the broad, mapunits that may be hydric. The hydric component is usually located near topographic lows or adjacent to streams. Although Harleston and Latonia may contain areas of hydric soil, most of the Harleston and Latonia areas contain no low areas or areas with low chroma soils. The areas mapped as Ponzer and Smithton is relatively undisturbed due to the wetness associated with this soil type. The area mapped as Plummer is surrounded by developments to the south and north. A small, manmade ditch was created within the adjacent subdivision to the north. Roadside ditches are found along Evangeline Road.

The changes in hydrology appear to have reduced the amount of hydrology in the Plummer soil type. Although the soils were low in chroma, no hydrology indicators were found within the Plummer Soil type.

Vegetation

The proposed site is comprised of three vegetative communities. Approximately 8 acres of the site appears to have been disturbed prior to 1998. The disturbed area is periodically mowed and maintained as a lawn. The entire disturbed and mowed area contains uplands. Aerial photographs taken in 1998 illustrate the presence of buildings and the mowed area. In the aerial photograph, a lack of trees and shrubs is evident.

The remaining undisturbed areas contain both forested wetlands and forested uplands. The forested areas contain large trees and dense shrubs. In the undisturbed, wetland area, ligustrum, titi, slash pine, red maple, tupelo, water oak and sweetbay are the dominant species. The forested uplands contain farkleberry, yaupon, loblolly pine, water oak, live oak and large flower magnolia. The dominant species with indicator status is recorded for the three vegetative communities on the routine wetland delineation forms.

4.3.3 Floodplains

In compliance with FEMA policy implementing Executive Order 11988, Floodplain Management, the project was reviewed for possible impacts associated with occupancy or modification to a floodplain. According to the National Flood Insurance Program's Flood Insurance Rate Maps (FIRM) the proposed location is located outside of the 100 year floodplain. The Advisory Base Flood Elevation Maps show the proposed site to be out of the flood zones.

Consequences of Alternatives:

Alternative A – No Action: The No Action alternative would not result in impacts to the 100-year floodplain.

Alternative B- Reconstruction at the Original Sites: New flood elevations are being established along the Gulf Coast since Hurricane Katrina. The original school sites are located within a designated floodplain. Reconstruction of the schools on their respective sites would have an impact on the newly established floodplain.

Alternative C- Proposed Action: The proposed construction site for the new school is not located within a floodplain. (See Attachment 4) The proposed site would not result in short term or long term effects associated with the occupancy of or modification to floodplains and direct or indirect support of floodplain development. Therefore, the proposed alternative site would be in compliance with Executive Order 11988, Floodplain Management.

Hydrology

The topographic map and the soil survey illustrate normal drainage patterns to the Bay of St. Louis through Bayou Portage and Indian Bayou. The specific hydrology indicators found within the delineated wetland areas include saturation of soil in upper 12 inches and oxidized root channels. The hydrology of the site appears to have been disturbed by the ditches along the south and north boundaries. Hydrology has been effectively removed and routed to the only existing wetland area remaining on the site. (See Appendix C)

4.4 Air Quality

The Environmental Protection Agency (EPA) uses six “criteria pollutants” as indicators of air quality, and has established for each of them a maximum concentration above which adverse effect human health may occur. These threshold concentrations are called National Ambient Air Quality Standards (NAAQS). The EPA has designated specific areas as NAAQS attainment or non-attainment areas. Non-attainment areas are any areas that do not meet the quality standards for a pollutant. These areas are subject to corrective actions specified by EPA, including restrictions on certain types of activities. Attainment areas are any areas that meet ambient air quality standards. Harrison County is in attainment for all six criteria pollutants and has no restrictions (EPA 2004).

Consequences of Alternatives:

Alternative A – No Action: The No Action alternative would have no effect on air quality.

Alternative B- Reconstruction at the Original Sites: Heavy equipment would produce small amounts of hydrocarbons, exhaust fumes and fugitive dust during implementation of any construction. However, concentrations of these pollutants

would not cause the region to reach non-attainment status. Impacts to air quality resulting from reconstruction of the schools on their original sites would be short-term, ending once construction is completed and the disturbed area is stabilized. The contractor would be required to keep all equipment in good working order to minimize air pollution. The rebuilding of two facilities would double the amount of pollution released into the atmosphere.

Alternative C- Proposed Action: Construction of an improved school would involve pollutant emissions from construction equipment which could result in minor effect to air quality in the area immediately surrounding the construction activity. Fugitive dust would escape into the atmosphere during these activities. However, the effects would be localized and of short duration and would not jeopardize the attainment status of Harrison County. The contractor would be required to keep all equipment in good working order to minimize air pollution.

4.5 Noise

Noise is generally described as unwanted sound. Existing ambient noise levels in the area are consistent with residential and light industrial businesses. There is also traffic noise from the roads and highways in the area and intermittent noise from trains that run through the area. Noise levels within and adjacent to the project area would increase during the proposed construction activities as a result of construction equipment. The noise levels generated would be limited to workday daylight hours for the duration of the work

Consequences of Alternatives:

Alternative A – No Action: The No Action alternative would not result in impacts to noise receptors in the area.

Alternative B- Reconstruction at the Original Sites: Reconstruction of the school at the original sites would generate a temporary increase in noise during construction. This increase in noise may affect adjacent property owners with close proximity to the construction site. However, no change to the long term noise level that existed prior to the event would be anticipated. The noise levels would double that of the proposed action because there would be two locations producing approximately the same noise level as the one proposed action.

Alternative C- Proposed Action: The proposed construction site would temporarily increase the noise levels. Although the proposed action would result in increased noise during construction, the noise is expected to be minor and short term.

4.6 TRAFFIC

Traffic issues were considered in this environmental assessment include the health and safety of area residents, the public at-large and the protection of personnel involved in activities related to the implementation of the proposed project.

Consequences of Alternatives:

Alternative A – No Action: The No Action alternative would have no effect on traffic in the area.

Alternative B- Reconstruction at the Original Sites: Although construction traffic in this area of Harrison County has the potential to affect access to the immediate project area temporarily, there would be no long-term impact on traffic after construction that was not present before the disaster. All construction activities would be conducted in a safe manner in accordance with Occupational Safety and Health Act (OSHA) requirements.

Alternative C- Proposed Action: Construction of the new school would affect the traffic in the immediate area during construction. However, the normal traffic in the area is light. The proposed school would share a proposed parking lot situated on the site between the proposed school and the existing church. The parking lots available should be sufficient to support any activities that the school may take place in, such as sporting events or parent teacher meetings. A proposed access road links the existing church parking lot and the proposed new parking lot. The access drive to the school is required to enter the site off of Espy Avenue, a collector street in an industrial area, to keep traffic off Menge Avenue, a neighborhood Street. Buses, delivery trucks and parents who pick their children up from school would use the access road from Espy Avenue to gain access to the school. The Catholic Diocese will work with Harrison County to provide a turning bay and caution light at the intersection of the proposed access drive and Espy Avenue. The addition of the turning bay would be completed before the proposed school is occupied to assure the prevention of congestion in the existing north/south bound traffic along Espy Avenue. In addition, the design of the site would be carefully calculated in order to minimize traffic concerns that this proposed school would offer. Construction traffic would be closely monitored and controlled as appropriate. A temporary Construction access road would occur off of Menge Avenue until the Permanent access drive is completed. All construction activities would be conducted in a safe manner in accordance with Occupational Safety and Health Act (OSHA) requirement. No Site Conditions are present that would require Demolition of any sort. Construction vehicles and equipment would be stored on site during project construction and appropriate signage would be posted on affected roadways.

4.7 Biological Resources

The native vegetation in Harrison County is primarily Loblolly Pine. Much of the county is in timber production. Other vegetation located with in the county consists of Live Oaks, Tupelo Gum, and Longleaf Pine and are just a small sample of the vegetation that occurs in Harrison County.

4.7.1 Threatened or Endangered Species and Critical Habitats

The U.S. Fish and Wildlife Service (USFWS) list the species that are located in Harrison County that are endangered or threatened. This list includes, but is not limited to, the Gopher Tortoise.

Consequences of Alternatives:

Alternative A – No Action: The No Action alternative would have no effect on threatened or endangered species.

Alternative B- Reconstruction at the Original Sites: The reconstruction of the schools would have no impact to threatened or endangered species prior to the disaster.

Alternative C- Proposed Action: The construction of the school would have no impact to threatened or endangered species prior to the disaster. The United States Fish and Wildlife Service have reviewed the proposal of the Catholic Diocese and have determined that the proposed action should not adversely impact any federally listed species. (See Appendix A)

4.8 Cultural Resources

Consequences of Alternatives:

Alternative A – No Action: The No Action Alternative would have no effect on cultural resources in the area.

Alternative B- Reconstruction at the Original Sites: Since the sites were previously disturbed, it is unlikely that there would be any historic properties present. However, should any historic or archaeological materials be discovered during construction, all activities on the site would be halted immediately and the contractor would contact FEMA and the Mississippi Department of Archives and History.

Alternative C- Proposed Action: The Mississippi Department of Archives and History was contacted in order to see if any areas of historical or archeological significance were located within the boundaries of the proposed project. In a letter dated November 30, 2006 (Appendix A). The Mississippi Department of Archives and History has no reservations concerning the proposed project. (See Appendix A) No sites eligible for listing in the Federal Register were found on the site according to the Mississippi Department of Archives and History. However, should any historic or archaeological materials be discovered during construction, all activities on the site would be halted immediately and the contractor would contact FEMA and the MS Department of Archives and History.

4.9 Environmental Justice

Executive Order 12898, entitled “ Federal Actions to Address environmental Justice in Minority Populations and Low-Income Populations,” mandates that federal

agencies identify and address, as appropriate, disproportionately high and adverse human health or environmental effects of programs on minority and low-income populations. According to the 2000 US Census, the population of Harrison County was 189,601. The percentage of race and ethnicity for the county follows: White = 73.1, Black or African American – 21.1, American Indian and Alaska native = 0.5, Asian = 2.6, Native Hawaiian and other Pacific islander = 0.1, some other race = 0.9, Two or more races = 1.7, and Hispanic or Latino = 2.6. According to the 2000 Census, the median household income for Harrison County was \$35,024 while the National median income was \$41,994. In 2003, the estimated population of Pass Christian was 6,599. The ancestry of Pass Christian has remained true to historical data.

Consequences of Alternatives:

Alternative A – No Action: The No Action alternative would have no effect on minority or low-income populations.

Alternative B- Reconstruction at the Original Sites: Reconstruction of the schools would not have adverse or disproportionate impacts on minority or low-income populations. The buildings existed prior to Hurricane Katrina for several years. The benefits of rebuilding would be proportional to all residents in Harrison County.

Alternative C- Proposed Action: Construction of the new school would not have adverse or disproportionate impacts on minority or low-income populations at the proposed site. An existing Catholic Church stands adjacent to the proposed school location. The school would be open to the general public after service to individuals that practice Catholicism. St. Vincent De Paul is an equal opportunity school. The benefits of rebuilding would be proportional to all residents in Harrison County.

4.10 Hazardous Material and Waste

Hazardous wastes, as defined by the Resource Conservation and Recovery Act (RCRA), are defined as “a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (1) cause, or significantly contribute to, an increase in mortality or an increase in serious irreversible illness or (2) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of or otherwise managed.”

The following is a list of the federal and state databases reviewed via Internet for this project: Environmental Protection Agency (EPA), National Priorities List (NPL), and EPA Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) List, Mississippi Department of Environmental Quality (MDEQ) Superfund Registry, MDEQ Leaking Petroleum Storage Tank (LPST) List and MDEQ Petroleum Storage Tank (PST) List. The databases were searched by zip code and by the County of Harrison. No facilities or properties in the proposed construction areas were listed on the databases reviewed.

Consequences of Alternatives:

Alternative A – No Action: The No Action alternative would not disturb any hazardous materials or create any potential hazard to human health.

Alternative B- Reconstruction at the Original Sites: Reconstruction of the schools on the original sites would not disturb any hazardous material or create any potential hazard to human health. If hazardous constituents were unexpectedly encountered in this project area during construction, appropriate measures for the proper assessment, remediation and management of the contamination would be initiated in accordance with applicable federal, state and local regulations, the contractor would take appropriate measures to prevent, minimize and control the spill of hazardous material in the construction staging area.

Alternative C- Proposed Action: Construction of the proposed school would not disturb any hazardous material or create any potential hazard to human health. If hazardous constituents were unexpectedly encountered in this project area during construction, appropriate measures for the proper assessment, remediation and management of the contamination would be initiated in accordance with applicable federal, state and local regulations, the contractor would take appropriate measures to prevent, minimize and control the spill of hazardous material in the construction staging area.

5 PUBLIC PARTICIPATION

The public would be invited to comment on this proposed action. This public notice would be published on Monday, January 22, 2007. After the public notice has expired, all comments will be addressed. The Draft Environmental Assessment will be made available during this comment period.

Several Public Forums were held presenting the proposed school design. These forums were held at the existing Church located on the site of the proposed school. The dates and times of these forums were posted in publications of the Catholic Dioceses'. The proposed school also was approved for a Conditional Use Permit with the Harrison County Zoning Administration. The approval process for this Permit allowed for the surrounding property Owners of the proposed school to voice their input on the new construction. No comments were documented.

6 AGENCIES CONSULTED

U.S. Environmental Protection Agency
U.S. Fish and Wildlife Service
U.S. Army Corps of Engineers
U.S. Department of Agriculture
Mississippi Department of Environmental Quality, SWPPP, Section 401 Water Quality Certification
Mississippi Department of Archives and History

Mississippi Department of Marine Resources
Mississippi Department of Transportation
Mississippi Soil and Water Conservation Commission

A Nationwide 404 Permit has been issued for the proposed site. In addition, a Storm Water Permit will be issued to the Mississippi Department of Environmental Quality. The Contractor that is awarded the job would be responsible for obtaining a Building Permit and would be responsible in complying with all the local applicable Codes of Harrison County.

7 CONDITIONS FOR PROPOSED PROJECT

1. Construction vehicles and equipment shall be stored and maintained in good working order to minimize pollutant emissions and to minimize potential for spills of hazardous materials including fuels, coolants, lubricants and consequent soil and water contamination.
2. Should potentially historic or archaeologically significant materials be discovered during project construction or staging of equipment, all activities on the site shall be halted immediately and the applicant shall consult with FEMA and the Mississippi Department of Archives and History for further guidance.
3. All hazardous materials shall be disposed of and handled in accordance with all local, State, and Federal regulations during the implementation of the proposed project.
4. The applicant is responsible for obtaining and complying with all local, State, and Federal permits and approvals

The following table summarizes the potential impacts of the Proposed Action Alternative and the mitigation measures to offset those impacts:

Affected Environment	Impacts	Mitigation
Geology, Seismity and Soils	No impacts to geology; long-term minor impact to topography. Short-term impacts to soils during the construction period.	Appropriate BMP's such as installing silt fences and revegetating bare soils immediately upon completion of construction to stabilize soil.
Water Resources	Temporary short-term impacts to water resources are possible during construction activities.	None
Surface Water	Temporary short-term impacts to surface water are possible during construction activities.	Appropriate BMP's such as installing silt fences and following the SWPPP.
Floodplains	No impacts to floodplains are anticipated.	None
Groundwater	No impacts to groundwater are anticipated.	None
Biological Resources	A small wetland area would be impacted due to the construction activities that are proposed.	If required, mitigation would be purchased from an approved off-site mitigation bank.
Air Quality	Short-term impacts to air quality would occur during the construction period.	Equipment must be properly maintained by the contractor.
Transportation	There would be increase traffic because of the proposed activities. Construction activities would only be short-term.	Construction vehicles and equipment would be stored on site during project construction and appropriate signage would be posted on affected roadways.
Affected Environment	Impacts	Mitigation
Cultural Resources	No impacts to archeological or historic resources are anticipated.	None
Socioeconomic Resources	No impacts to socioeconomic resources would occur.	None
Environmental Justice	No disproportionately high or adverse effect on minority or low-income populations would occur.	None

Safety	No impacts to safety are anticipated.	All construction activities would be performed using qualified personnel and in accordance with the standards specified in Occupational Safety and Health Administration (OSHA) regulations. Appropriate signs and barriers should be in place prior to construction.
Hazardous Materials	No impacts to hazardous material or wastes are anticipated.	Any hazardous waste discovered, generated, or used during construction would be disposed of and handled in accordance with applicable local, state and federal regulation.

8 CONCLUSION

The proposed project would construct a new school to replace two schools destroyed by Hurricane Katrina on August 29, 2005. The old schools were destroyed to the point that children do not have a facility to attend. The proposed school would be built in an area that is not in the flood zone and would be better location than the two original sites if another natural disaster were to impact the area. The new school would give students a valuable opportunity for an excellent education. The findings of this Environmental Assessment conclude that the proposed construction of the new school at the new location would result in no significant environmental impacts to the human or natural environment; therefore, the proposed action meets the requirements of a Finding of No Significant Impact (**FONSI**) under NEPA and the preparation of an Environmental Impact Statement (EIS) would not be required.

LIST OF PREPARERS

Anna Schoonover
Solutions, Inc.
P.O. Box 820127
Vicksburg, MS 39182-0127

Gaddis Guider
Solutions, Inc.
P.O. Box 820127
Vicksburg, MS 39180

REFERENCES

Clean Water Act Amendments of 1977, Sections 301, 401, and 404
FEMA Regulations and Flood Insurance Rate Maps
National Environmental Policy Act
National Resources Conservation Service Soil Surveys
Pass Christian Web Site
National Environmental Policy Act
United States Census Data (2000)
United States Geological Quadrant Maps
Project Location Map
USGS Quadrangle Map
Site Plan
Coordination Letters with SHPO, USFWS, MDNR, USCOE,
Solutions Inc. Preliminary Wetland Delineation Report

**FEMA NOTICE OF AVAILABILITY
DRAFT ENVIRONMENTAL ASSESSMENT FOR ST. VINCENT DE PAUL
CATHOLIC SCHOOL LOCATED IN PASS CHRISTIAN, HARRISON COUNTY,
MISSISSIPPI**

Interested parties are hereby notified that the Federal Emergency Management Agency (FEMA) has prepared a Draft Environmental Assessment (DEA) for a proposed elementary school for the Catholic Diocese of Biloxi. The proposed school would replace 2 elementary schools that were severely damaged by Hurricane Katrina on August 29, 2005. A Presidential Disaster Declaration, FEMA-1604-DR-MS, was signed on August 29, 2005, for this event.

The proposed action includes construction of a new elementary school located in Pass Christian, Harrison County, Mississippi. The proposed school includes an approximately 65,000 square foot facility for 450-500 students consisting of Pre-Kindergarten through Sixth Grade students. Project activities would include site clearing, grading, road construction, and the placement of utilities, parking lot construction and the building of the structure. A Draft EA was written to evaluate the proposed action's potential impacts on the human and natural environment. In order to meet the urgent need of hurricane victims to have a permanent school for their educational needs, FEMA has conducted an expedited environmental review process to identify and address environmental issues. The Draft EA summarizes the purpose and need, site selection process, affected environment, and potential environmental consequences associated with the proposed action.

Due to the emergency nature of this action, the public comment period will start on January 22, 2007 and end on February 5, 2007. Written comments on the Draft EA can be faxed to (601) 638-0097; and verbal comments will be accepted at (601) 634-6118 between 7 A.M. and 6 P.M. The Draft EA can be viewed and downloaded from FEMA's website at <http://www.fema.gov/plan/ehp/envdocuments> and is also available for public review at the Biloxi Courthouse, 730 Martin Luther King Jr. Boulevard, Biloxi, Mississippi 39530. The hours available for viewing the draft EA is Monday through Friday 8:30 a.m. to 5:00 p.m. If no substantive comments are received, the Draft EA will become final and this initial Public Notice will also serve as the final Public Notice.

**Anna Schoonover
Solutions, Inc.
P.O. Box 820127
Vicksburg, MS 39182-0127
601-634-6118**

Figure 1



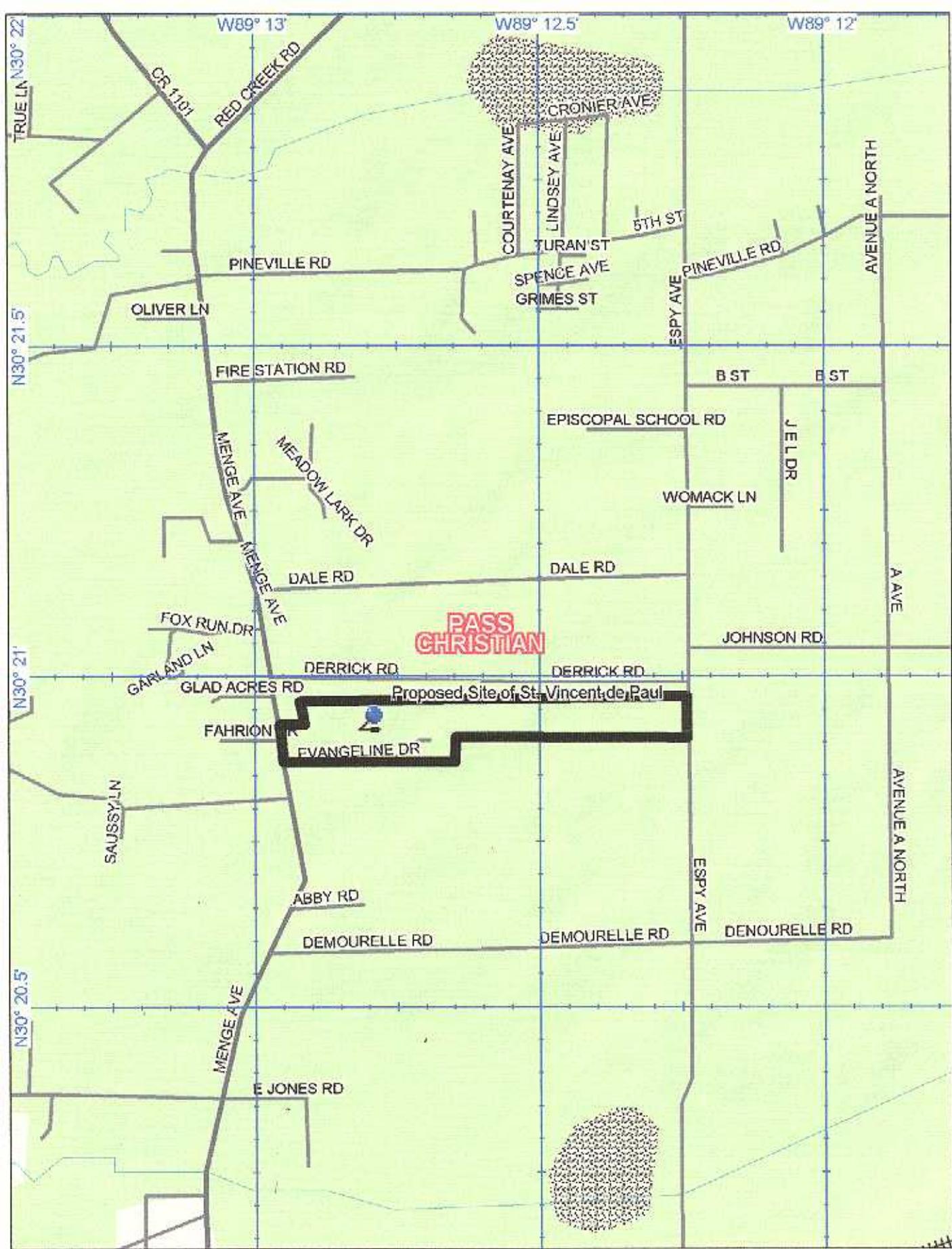


DELORME

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www.delorme.com

Scale 1 : 128,000
1" = 3.97 mi





PASS CHRISTIAN

Proposed Site of St. Vincent de Paul



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www.delorme.com

Scale 1 : 14,400
1" = 1200 ft

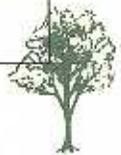


Figure 2



**Figure 1, Guild Hardy, Section 17 Township 8-South, Range 12-West, Harrison County, MS,
Pass Christian Quad**

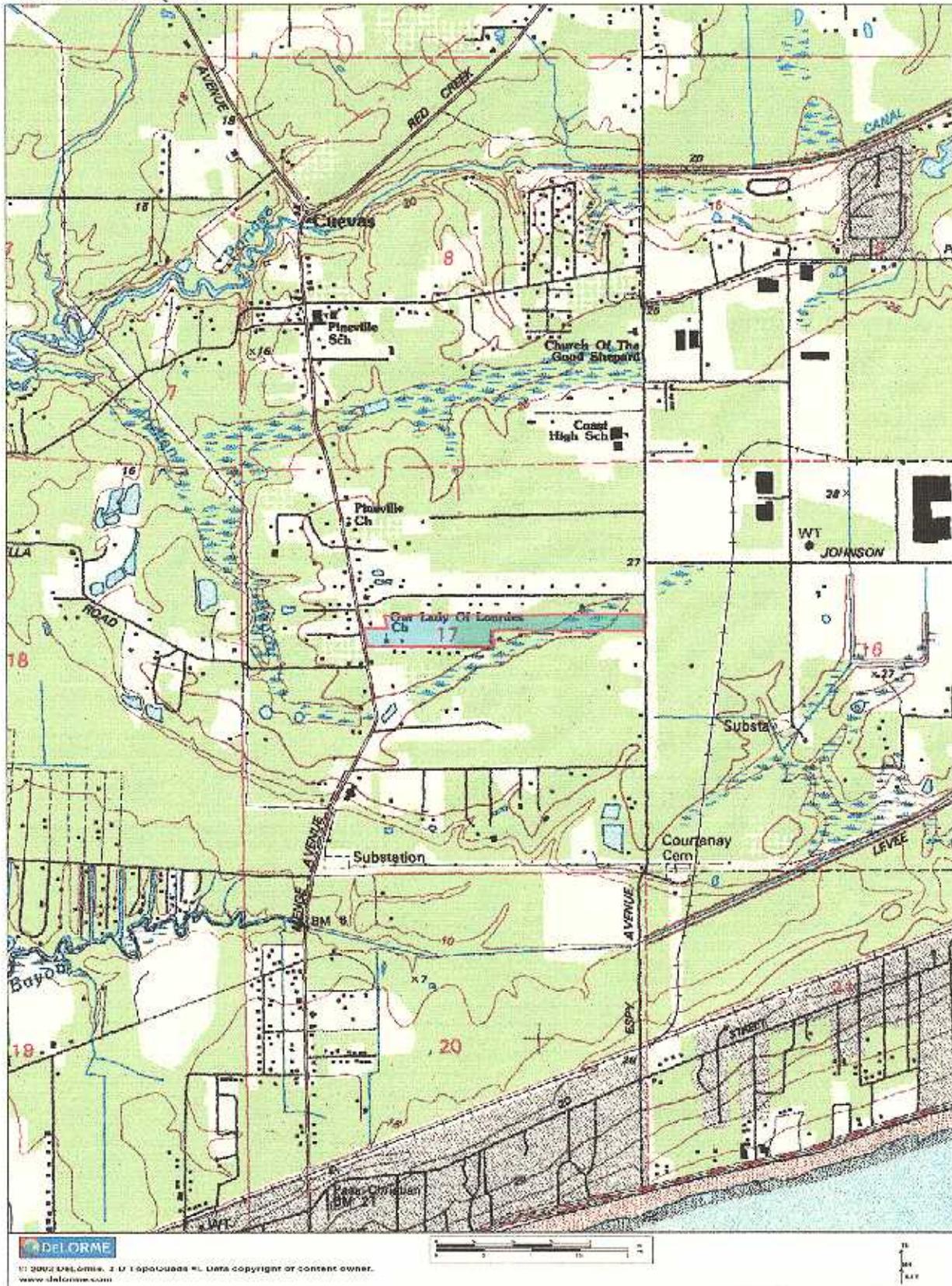


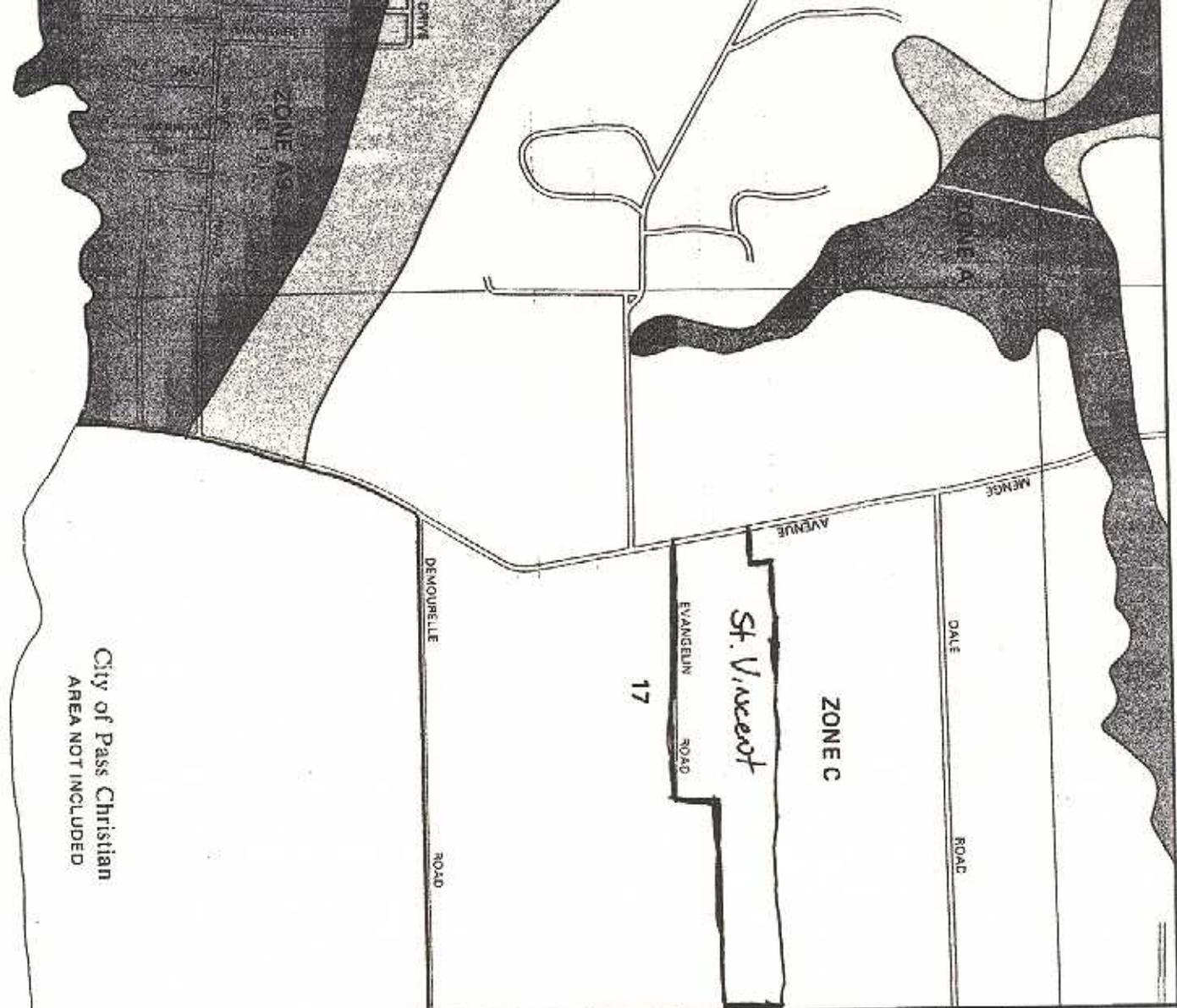
Figure 3

10



Figure 4





City of Pass Christian
AREA NOT INCLUDED



APPROXIMATE SCALE



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

HARRISON
COUNTY,
MISSISSIPPI
(UNINCORPORATED AREAS)

PANEL 170 OF 375
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY PANEL NUMBER
285255 0170 E
MAP REVISED:
AUGUST 4, 1988



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



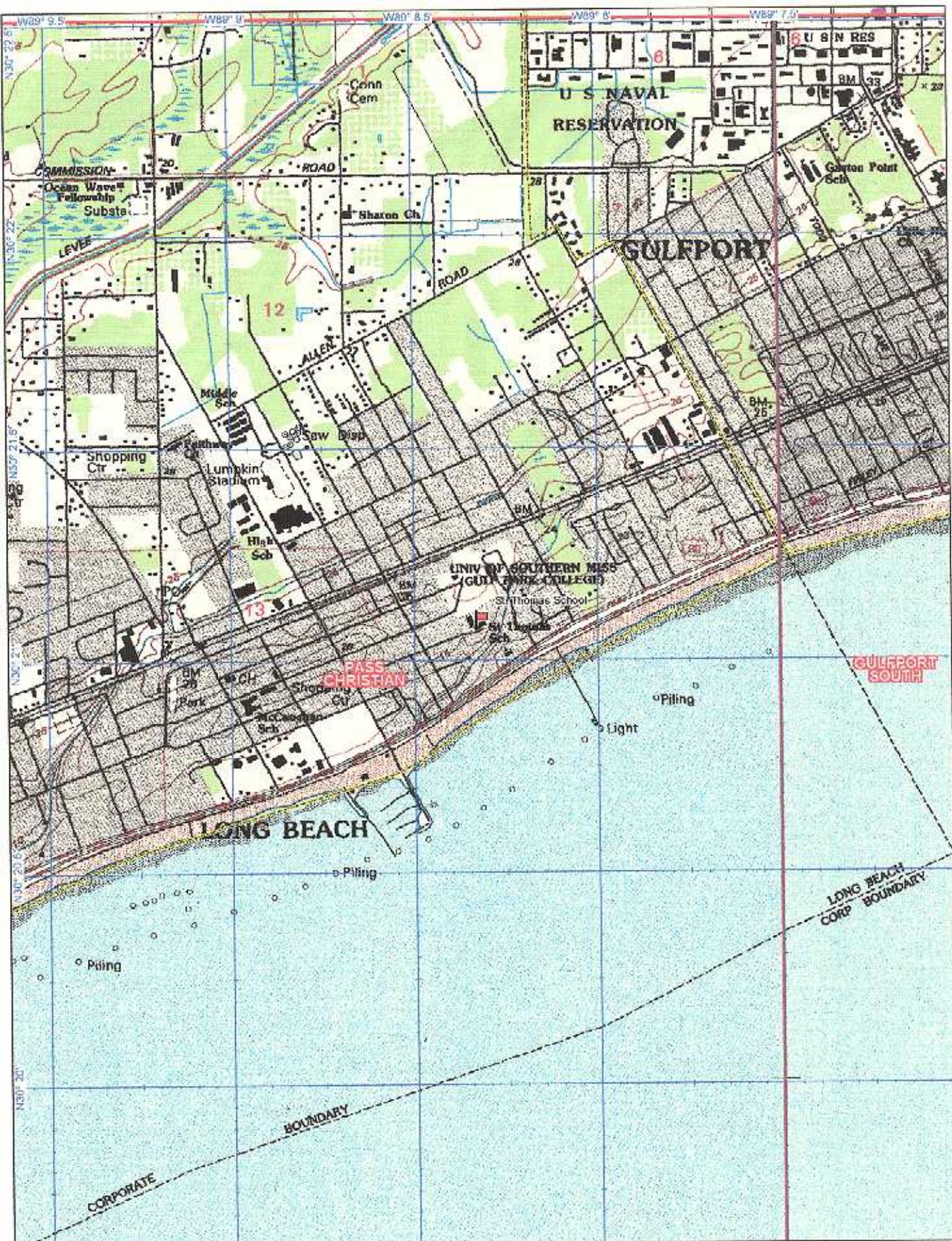
Figure 5





City Interest Sites



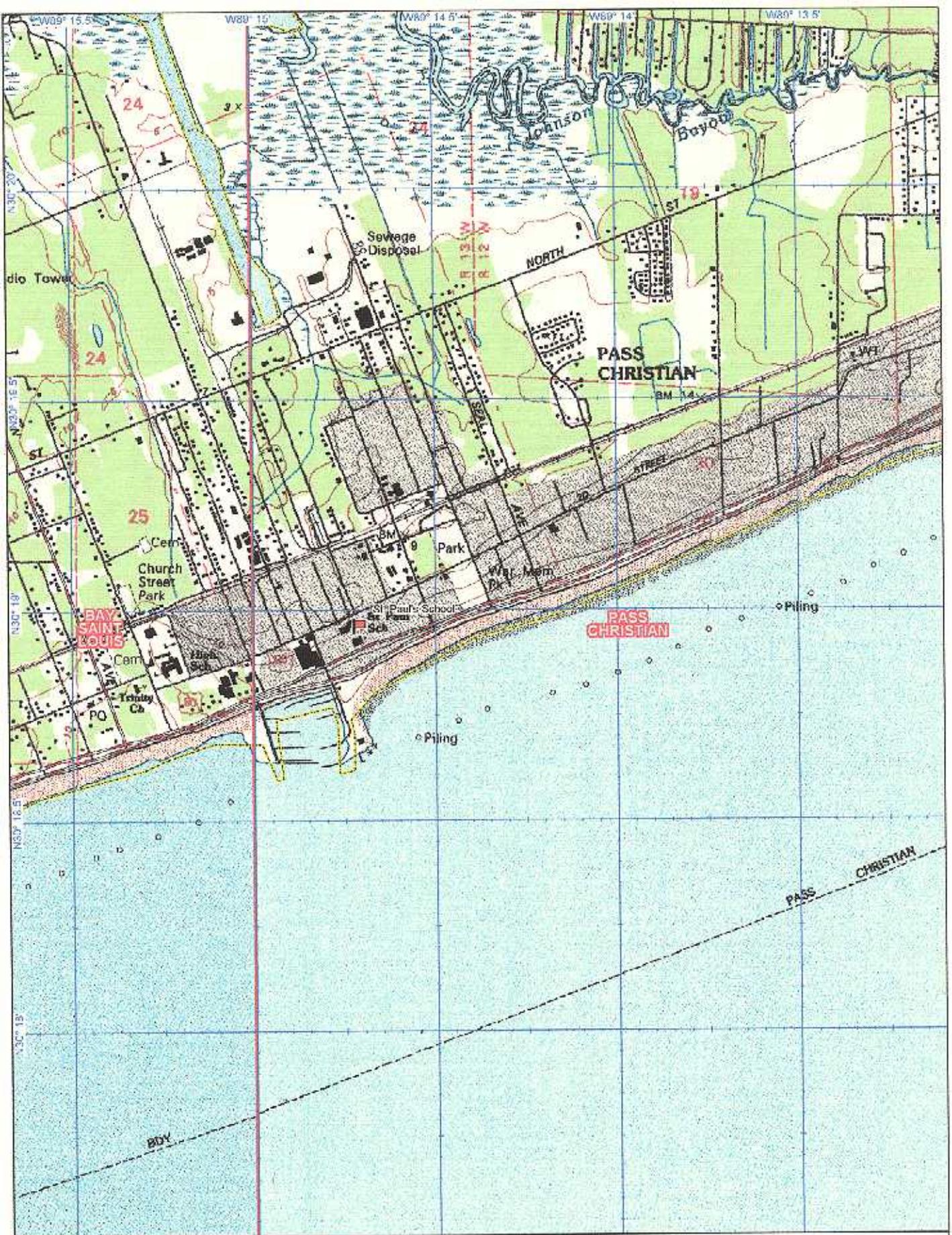


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Scale 1 : 27,400
1" = 1870 ft

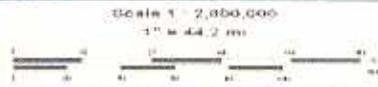


Figure 6





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1" = 2,000,000
 1" = 44.2 mi



Figure 7

12



U.S. Census Bureau

American FactFinder

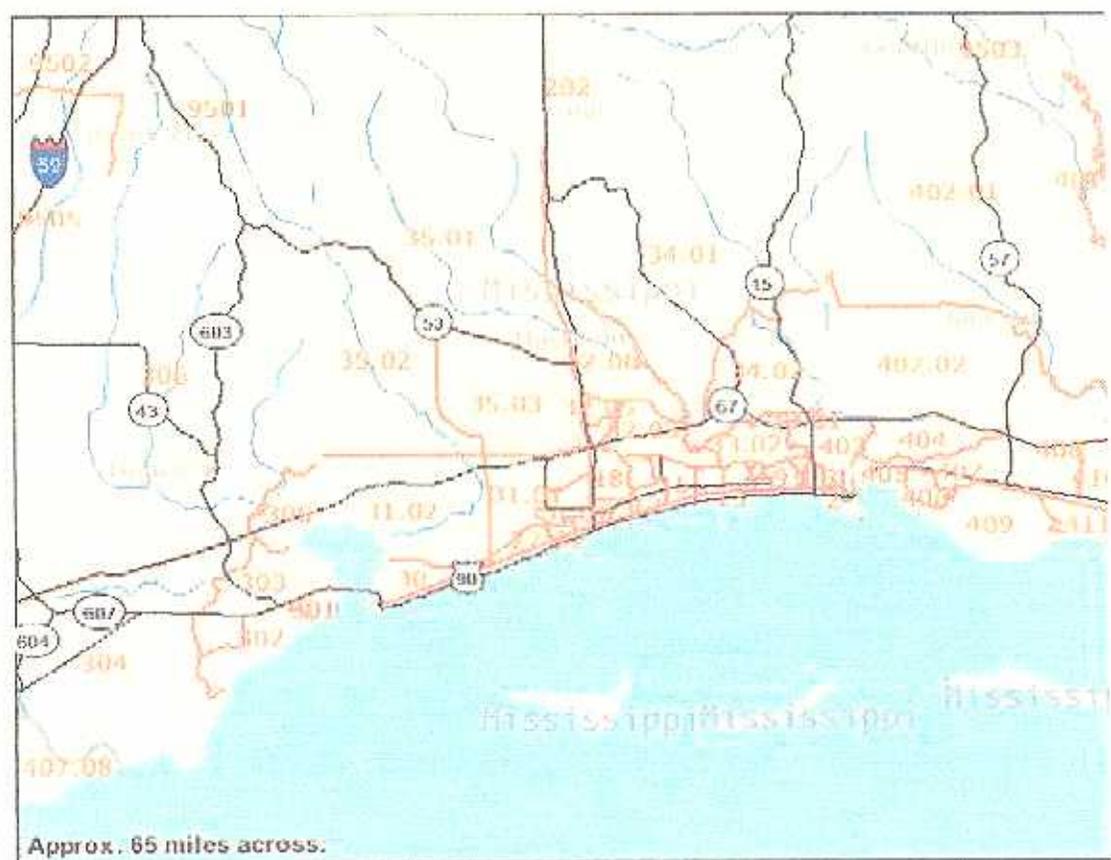
Legend

Boundaries

- State
- County
- Census Tract

- #### Features
- Major Road
 - Stream/Waterbody
 - Coast/Waterbody

Items in text are not visible at this zoom level



Appendix A

December 21, 2006

Environmental Protection Agency
Region 6
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

RE: Request on behalf of the Catholic Diocese of Biloxi for your agency's comment on the construction of a new elementary school located in Harrison County, MS.

Dear Sir:

The Catholic Diocese is seeking authorization to conduct regulated activities associated with development of a new elementary school to replace the schools that were destroyed by Hurricane Katrina in Pass Christian, MS. Solutions, Inc. is acting as the authorized agent on behalf of the Catholic Diocese of Biloxi to assist them in obtaining the required permits and approvals from federal, state, and local concerns. The Catholic Diocese of Biloxi is seeking assistance from FEMA with help constructing the proposed school.

The proposed project site contains approximately 4.1 acres of wetlands. Since this site will impact 0.8 acres of wetlands, the developers are prepared to compensate for these losses. Mitigation would be purchased from an approved site.

If you have any questions or need additional information, please contact me at (601) 634-6118 or by E-mail at gaddissolns@aol.com. Please send any response letters to Solution, Inc. P.O. Box 820127 Vicksburg, MS 39182-0127.

Sincerely,
Solutions, Inc.



Gaddis Guider

Enclosure: CF -



SOLUTIONS INC.

P. O. Box 820127 • Vicksburg, MS 39182-0127 • 601-634-6118 Office • 601-638-0097 Fax
P. O. Box 6341 • Diamondhead, MS 39525-6341 • 228-255-5511 Office/Fax

December 21, 2006

U. S. Department of Agriculture
1400 Independence Ave., S.W.
Washington, DC 20250

RE: Request on behalf of the Catholic Diocese of Biloxi for your agency's comment on the construction of a new elementary school located in Harrison County, MS.

Dear Sir:

The Catholic Diocese is seeking authorization to conduct regulated activities associated with development of a new elementary school to replace the schools that were destroyed by Hurricane Katrina in Pass Christian, MS. Solutions, Inc. is acting as the authorized agent on behalf of the Catholic Diocese of Biloxi to assist them in obtaining the required permits and approvals from federal, state, and local concerns. The Catholic Diocese of Biloxi is seeking assistance from FEMA with help constructing the proposed school.

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Sincerely,
Solutions, Inc.



Gaddis Guider

Enclosure: CF



SOLUTIONS INC.

P. O. Box 820127 • Vicksburg, MS 39182-0127 • 601-634-6118 Office • 601-638-0097 Fax
P. O. Box 6341 • Diamondhead, MS 39525-6341 • 228-262-2511 Office/Fax

October 09, 2006

Mississippi Department of Agriculture and Commerce
121 North Jefferson Street
Jackson, MS 39201

RE: Request on behalf of the Catholic Diocese of Biloxi for your agency's comment on the construction of a new elementary school located in Harrison County, MS.

Dear Sir:

The Catholic Diocese is seeking authorization to conduct regulated activities associated with development of a new elementary school to replace the schools that were destroyed by Hurricane Katrina in Pass Christian, MS. Solutions, Inc. is acting as the authorized agent on behalf of the Catholic Diocese of Biloxi to assist them in obtaining the required permits and approvals from federal, state, and local concerns. The Catholic Diocese of Biloxi is seeking assistance from FEMA with help constructing the proposed school.

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Sincerely,
Solutions, Inc.



Gaddis Guider

Enclosure: CF



SOLUTIONS

P. O. Box 820127 • Vicksburg, MS 39182-0127 • 601-634-6118 Office • 601-638-0097 Fax
P. O. Box 6341 • Diamondhead, MS 39525-6341 • 228-255-5511 Office/Fax

October 09, 2006

U.S. Department of Agriculture
Natural Resources Conservation Service
100 West Capitol Suites 1321
Jackson, MS 39269-1602

RE: Request on behalf of the Catholic Diocese of Biloxi for your agency's comment on the construction of a new elementary school located in Harrison County, MS.

Dear Sir:

The Catholic Diocese is seeking authorization to conduct regulated activities associated with development of a new elementary school to replace the schools that were destroyed by Hurricane Katrina in Pass Christian, MS. Solutions, Inc. is acting as the authorized agent on behalf of the Catholic Diocese of Biloxi to assist them in obtaining the required permits and approvals from federal, state, and local concerns. The Catholic Diocese of Biloxi is seeking assistance from FEMA with help constructing the proposed school.

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If you have any questions or need additional information, please contact me at (601) 634-6118 or by E-mail at gaddissolns@aol.com. Please send any response letters to Solution, Inc. P.O. Box 820127 Vicksburg, MS 39182-0127.

Sincerely,
Solutions, Inc.



Gaddis Guider

Enclosure: CF



SOLUTIONS ^{INC.}

P. O. Box 820127 • Vicksburg, MS 39182-0127 • 601-634-6118 Office • 601-638-0097 Fax
P. O. Box 6341 • Diamond Road, MS 39525-6341 • 228-255-5511 Office/Fax

October 09, 2006

United States Department of the Interior
Fish and Wildlife Service
Jackson Field Office
Attention: Kathy Lunceford
6578 Dogwood View Parkway, Suite A
Jackson, MS 39213

RE: Request on behalf of the Catholic Diocese of Biloxi for your agency's comment on the construction of a new elementary school located in Harrison County, MS.

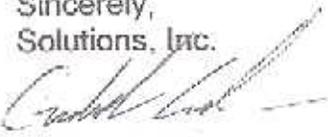
Dear Ms. Lunceford:

The Catholic Diocese is seeking authorization to conduct regulated activities associated with development of a new elementary school to replace the schools that were destroyed by Hurricane Katrina in Pass Christian, MS. Solutions, Inc. is acting as the authorized agent on behalf of the Catholic Diocese of Biloxi to assist them in obtaining the required permits and approvals from federal, state, and local concerns. The Catholic Diocese of Biloxi is seeking assistance from FEMA with help constructing the proposed school.

The proposed project site contains approximately 4.1 acres of wetlands. Since this site will impact 0.8 acres of wetlands, the developers are prepared to compensate for these losses. Mitigation would be purchased from an approved site.

If you have any questions or need additional information, please contact me at (601) 634-6118 or by E-mail at gaddissolns@aol.com. Please send any response letters to Solution, Inc. P.O. Box 820127 Vicksburg, MS 39182-0127.

Sincerely,
Solutions, Inc.



Gaddis Guider

Enclosure: CF



SOLUTIONS ^ú _Z -

P. O. Box 820127 • Vicksburg, MS 39182-0127 • 601-634-6118 Office • 601-638-0097 Fax
P. O. Box 6341 • Diamondhead, MS 39525-6341 • 228-255-5511 Office/Fax



United States Department of the Interior

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

November 8, 2006

Attention: Gaddis Guider
Solutions Inc.
P.O. Box 820127
Vicksburg, MS 39182-0127

Dear Mr. Guider:

The U.S. Fish and Wildlife Service (Service) has reviewed your request regarding the Catholic Diocese of Biloxi dated October 9, 2006. According to your letter, the Catholic Diocese of Biloxi is requesting authorization to impact wetlands in conjunction with construction of a new school. Our comments are submitted in accordance with the Fish and Wildlife Coordination Act (16 U.S.C. 661-667e) and the Endangered Species Act (87 Stat. 884, as amended 16 U.S.C. 1531 et seq.).

The applicant is proposing to construct the new school named St. Vincent de Paul. Based upon the information provided by you during our telephone conversation and the information obtained from our data, it is the Service's opinion that the proposed project should not adversely impact any federally listed species.

If you need additional information, please contact me at telephone: (228) 493-6631.

Sincerely,

Paul Necaie
Fish and Wildlife Biologist

October 09, 2006

Mississippi Department of Transportation
Environmental Division
P.O. Box 1850
Jackson, MS 39215-1850

RE: Request on behalf of the Catholic Diocese of Biloxi for your agency's comment on the construction of a new elementary school located in Harrison County, MS.

Dear Sir:

The Catholic Diocese is seeking authorization to conduct regulated activities associated with development of a new elementary school to replace the schools that were destroyed by Hurricane Katrina in Pass Christian, MS. Solutions, Inc. is acting as the authorized agent on behalf of the Catholic Diocese of Biloxi to assist them in obtaining the required permits and approvals from federal, state, and local concerns. The Catholic Diocese of Biloxi is seeking assistance from FEMA with help constructing the proposed school.

The proposed project site contains approximately 4.1 acres of wetlands. Since this site will impact 0.8 acres of wetlands, the developers are prepared to compensate for these losses. Mitigation would be purchased from an approved site.

If you have any questions or need additional information, please contact me at (601) 634-6118 or by E-mail at gaddissolns@aol.com. Please send any response letters to Solution, Inc. P.O. Box 820127 Vicksburg, MS 39182-0127.

Sincerely,
Solutions, Inc.



Gaddis Guider

Enclosure: CF



SOLUTIONS 

P. O. Box 820127 • Vicksburg, MS 39182-0127 • 601-634-6118 Office • 601-638-0097 Fax
P. O. Box 6341 • Diamondhead, MS 39525-6341 • 228-255-5511 Office/Fax

October 09, 2006

Mississippi Soil and Water Conservation Commission
Harrison County SWCD
12238 Ashley Drive
Gulfport, MS 39503

RE: Request on behalf of the Catholic Diocese of Biloxi for your agency's comment on the construction of a new elementary school located in Harrison County, MS.

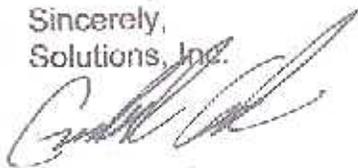
Dear Sir:

The Catholic Diocese is seeking authorization to conduct regulated activities associated with development of a new elementary school to replace the schools that were destroyed by Hurricane Katrina in Pass Christian, MS. Solutions, Inc. is acting as the authorized agent on behalf of the Catholic Diocese of Biloxi to assist them in obtaining the required permits and approvals from federal, state, and local concerns. The Catholic Diocese of Biloxi is seeking assistance from FEMA with help constructing the proposed school.

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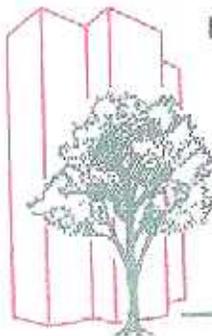
If you have any questions or need additional information, please contact me at (601) 634-6118 or by E-mail at gaddissolns@aol.com. Please send any response letters to Solution, Inc. P.O. Box 820127 Vicksburg, MS 39182-0127.

Sincerely,
Solutions, Inc.



Gaddis Guider

Enclosure: CF



SOLUTIONS ^U_Z

P. O. Box 820127 • Vicksburg, MS 39182-0127 • 601-634-6118 Office • 601-638-0097 Fax
P. O. Box 6341 • Diamondhead, MS 39525-6341 • 228-255-5511 Office/Fax



November 30, 2006

Mr. Gaddis Guider
Solutions, Inc.
P.O. Box 820127
Vicksburg, Mississippi 39182-0127

RE: Proposed construction of new elementary school (Catholic Diocese of Biloxi),
MDAH Project Log #11-146-06, Harrison County

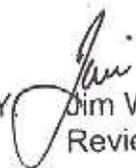
Dear Mr. Guider:

We have reviewed your request for a cultural resources assessment 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, it is our determination that no properties listed in or eligible for listing in the National Register of Historic Places will be affected. Therefore, we have no reservations with the proposed project. However, as noted in your letter, the Catholic Diocese of Biloxi is seeking assistance from FEMA for this project. As such, please be advised that approval must also be obtained from FEMA. This letter may be submitted to FEMA at the appropriate time as evidence of consultation with the State Historic Preservation Office (SHPO).

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 this office.

Sincerely,

H.T. Holmes
State Historic Preservation Officer

BY:  Jim Woodrick
Review and Compliance Officer

c: Clearinghouse for Federal Programs

JOINT APPLICATION AND NOTIFICATION

U.S. DEPARTMENT OF ARMY CORPS OF ENGINEERS
MISSISSIPPI DEPARTMENT OF MARINE RESOURCES
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY/OFFICE OF POLLUTION CONTROL

This form is to be used for proposed activities in waters of the United States and Mississippi and for the erection of structures on suitable sites for water dependent industry. Note that some items, as indicated, apply only to projects located in the coastal area of Hancock, Harrison and Jackson Counties.

1. Date

09-11-06

month day year

2. Applicant (mailing address and telephone)

Catholic Diocese of Biloxi
Attention: Steve Labare
P.O. Box 1189
Biloxi, MS 39533 (228) 702-2148

AUTHORIZED AGENT: SOLUTIONS, INC.
P.O. BOX 820127
VICKSBURG, MS 39182
601-634-6118

3. Project location

Street Address _____ City/Community Biloxi _____
Name of Waterway _____ Latitude: 30 20 53 _____ Longitude (if known) 89 12 40 _____
Geographic location: Section 17 _____ Township 8 S _____ Range 12 W _____ County _____

4. Project description

New work _____ Maintenance work _____

Dredging

	length	width	existing depth	proposed depth
Channel	_____	_____	_____	_____
Canal	_____	_____	_____	_____
Boat Slip	_____	_____	_____	_____
Manna	_____	_____	_____	_____
Other(explain)	_____	_____	_____	_____

Cubic yards of material to be removed _____ Type of material _____

Location of spoil disposal area _____

Dimensions of spoil area _____ Method of excavation _____

How will excavated material be contained? _____

Construction of structures

	Total length	height above water	height
Bulkhead	_____	_____	_____
Pier	length _____	width _____	slope _____
Boat Ramp	length _____	width _____	height _____
Boat House	length _____	width _____	height _____

Structures on designed sites for water dependent industry (Coastal area only). Explain in item II or include as attachment.

Other (explain) _____

Filling

Dimensions of fill area 35,015 Square feet (0.8 acres)

Cubic yards of fill Approximately 4,000(class 9) 2,000 (asphalt) _____ Type of fill Asphalt and Class # 9 fill material.

Other regulated activities (i.e. Seismic exploration, burning or clearing of marsh) Explain.



Additional information relating to the proposed activity

Does project area contain any marsh vegetation? Yes _____ No **XX**

(If yes, explain) _____

Is any portion of the activity for which authorization is sought now complete? Yes _____ No **XX**

(If yes, explain) _____

Month and year activity took place _____

If project is for maintenance work on existing structures or existing channels, describe legal authorization for the existing work. Provide permit number, dates or other form(s) of authorization. _____

Has any agency denied approval for the activity described herein or for any activity that is directly related to the activity described herein?

Yes _____ No **X** (If yes, explain) _____

Project schedule

Proposed start date 12/01/06 _____ Proposed completion date 12/01/08 _____

Expected completion date (or development timetable) for any projects dependent on the activity described herein. _____

Estimated cost of the project 2,000,000

Describe the purpose of this project. Describe the relationship between this project and any secondary or future development the project is designed to support. The proposed school will replace two of the Catholic Schools that were destroyed by Hurricane Katrina. The site is already owned by the Catholic Diocese. The site has 4.1 acres of wetlands on the site; the proposed site plan has been able to minimize the impacts to the wetland areas to 0.8 acres. Unfortunately this area will be impact. The Diocese will mitigate for the unavoidable losses to the wetland areas. Mitigation will be obtained from an approved off-site mitigation bank.

Intended use: Private _____ Commercial _____ Public _____ Other (Explain) **xx** Parochial School

10. Describe the public benefits of the proposed activity and of the projects dependent on the proposed activity.

Also describe the extent of public use of the proposed project.

Since Hurricane Katrina, many of the school located on the MS gulf coast were destroyed or severely damaged. The Catholic Schools were destroyed in the catastrophic storm. The Catholic Diocese is proposing to build a 65,000 square foot Elementary School for 450-500 students consisting of Pre-Kindergarten to Sixth Grade. The school's main access drive for Parent, Visitors, Buses and Delivery Trucks is accessed off of Espy Avenue. The property is owned by the Catholic Diocese of Biloxi, and has an existing Church, associated Church buildings and a parking lot. The proposed school is needed to replace St. Thomas and St. Paul Catholic Elementary schools that were demolished in Hurricane Katrina. Both of the Schools that were destroyed were within flood zones and do not meet the FEMA requirements for eligibility for rebuilding assistance. The proposed site meets the requirements that FEMA has. The total acreage of wetlands on the site is 4.1 acres. The proposed activities will impact 0.8 acres.

11. Remarks



12. Provide the name and address of the adjacent property owners. Also identify the property owners on the plan view of the drawing described in Attachment "A". (Attach additional sheets if necessary.)

1. 2.

13. List all approvals or certifications received or applied for from Federal, State and Local agencies for any structures, construction, discharges, deposits or other activities described in this application. Note that the signature in Item 14 certifies that application has been made to or that permits are not required from the following agencies. If permits are not required, place N/A in the space for Type Approval.

Agency	Type Approval	Application Date	Approval Date
Dept. of Environmental Quality			
Dept. of Marine Resources			
Army Corps of Engineers			
City/County			
Other			

14. Certification and signatures

Application is hereby made for authorization to conduct the activities described herein. I agree to provide any additional information/data that may be necessary to provide reasonable assurance or evidence to show that the proposed project will comply with the applicable state water quality standards or other environmental protection standards both during construction and after the project is completed. I also agree to provide entry to the project site for inspectors from the environmental protection agencies for the purpose of making preliminary analyses of the site and monitoring permitted works. I certify that I am familiar with and responsible for the information contained in this application, and that to the best of my knowledge and belief, such information is true, complete and accurate. I further certify that I am the owner of the property where the proposed project is located or that I have a legal interest in the property and that I have full legal authority to seek this permit.

+ Thomas J. Rudi

Signature of Applicant or Agent

9-19-06

Date

U.S.C. Section 1001 provides that: "Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up by any trick, scheme or device a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than five years, or both."

15. Mississippi Coastal Program (Coastal area only)

I certify that the proposed project for which authorization is sought complies with the approved Mississippi Coastal Program and will be conducted in a manner consistent with the program.

+ Thomas J. Rudi

Signature of Applicant or Agent

9-19-06

Date



AGENT STATEMENT

Please be advised that SOLUTIONS, INC. is authorized to act as my agent regarding all Department of Marine Resources (DMR) Coastal Zone Consistency matters and Department of the Army (DA) Permitting matters. This includes, but is not limited to, wetlands delineations, obtaining permits, discussions with DMR and Corps of Engineers personnel, discussions with representatives of other Federal, State, and local agencies, and/or representing the Catholic Diocese on behalf of St. Vincent DePaul School, at any and all meetings concerning CZM and DA consistency/permitting.

+ Thomas J. Rodi

Steve Labarre
Catholic Diocese of Biloxi

9-19-06
DATE



STORMWATER POLLUTION PREVENTION PLAN
FOR THE
ST. VINCENT DEPAUL CATHOLIC ELEMENTARY SCHOOL

November 2006

Prepared for
The Catholic Diocese of Biloxi
by
Guild Hardy Architects



GUILD HARDY
ARCHITECTS PA

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MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY (MDEQ)
LARGE CONSTRUCTION NOTICE OF INTENT (LCNOI)
FOR COVERAGE UNDER THE LARGE CONSTRUCTION STORM WATER
GENERAL NPDES PERMIT MSR10 _____
(NUMBER TO BE ASSIGNED BY STATE)
INSTRUCTIONS

The Large Construction Notice of Intent (LCNOI) is for coverage under the Large Construction Storm Water General Permit for land disturbing activities of five (5) acres or greater; or for land disturbing activities that are part of a larger common plan of development or sale that will disturb five (5) or more acres. Applicant must be owner or operator. For construction activities, the operator is typically the prime contractor. The owner(s) of the property and the prime contractor associated with regulated construction activity on the property have joint and several responsibility for compliance with the Large Construction Storm Water General Permit MSR10.

File at least thirty (30) days prior to the commencement of construction, fifteen (15) days if a Storm Water Pollution Prevention Plan (SWPPP) is already on file. Discharge of storm water from a "large" construction site without written notification of coverage is a violation of state law.

Submittals with this LCNOI must include:

- A Storm Water Pollution Prevention Plan as described in the Large Construction Storm Water General Permit
- A USGS quad map or a copy showing site location

Additional submittals may include the following if applicable:

- Appropriate Section 404 documentation
- Appropriate sanitary sewage collection and disposal documentation
- Appropriate dam construction and low flow requirement documentation

ALL INFORMATION MUST BE COMPLETED (Put "NA" if the not applicable)

IS APPLICANT THE OWNER OR PRIME CONTRACTOR? (CIRCLE ONE OR BOTH)

OWNER INFORMATION

OWNER CONTACT PERSON: Bishop Thomas J. Rodl

OWNER COMPANY NAME: Catholic Diocese of Biloxi

OWNER STREET OR P.O. BOX: 1790 Popps Ferry Rd.

OWNER CITY: Biloxi STATE: MS ZIP: 39532

OWNER PHONE # (INCLUDE AREA CODE): (228)

PRIME CONTRACTOR INFORMATION

PRIME CONTRACTOR CONTACT PERSON: unknown at this time
PRIME CONTRACTOR COMPANY:
PRIME CONTRACTOR STREET OR P.O. BOX:
PRIME CONTRACTOR CITY: STATE: ZIP:
PRIME CONTRACTOR PHONE # (INCLUDE AREA CODE):

PROJECT INFORMATION

PROJECT NAME: St. Vincent dePaul Catholic Elementary School
TOTAL ACREAGE THAT WILL BE DISTURBED (To be covered by the Large Construction General Permit the disturbed area must be five (5) acres or greater; or land disturbing activities that are part of a larger common plan of development or sale that will disturb five (5) acres or greater.) 6
IS THIS PART OF A LARGER COMMON PLAN OF DEVELOPMENT (Yes or No)? No
IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT: same AND PERMIT COVERAGE NUMBER:
DESCRIPTION OF CONSTRUCTION ACTIVITY: construction of catholic elementary school and facilities, including parking areas and access road
PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED (include standard industrial classification code (SIC) if known): catholic elementary school SIC Code
PHYSICAL SITE ADDRESS (If the physical address is not available indicate the nearest named road. For linear projects, indicate the beginning of the project and identify all counties the project traverses.)
STREET: Espy Avenue
CITY: COUNTY: Harrison
ZIP:
LATITUDE (Optional): N 30°20'53" LONGITUDE (Optional): W 89° 12' 40"
METHOD USED TO DETERMINE LAT & LONG (GPS (Please GPS Construction Entrance) or Map Interpolation): Map
NEAREST NAMED RECEIVING STREAM: Bayou Portage and Indian Bayou
ARE THERE RECREATIONAL STREAMS, PRIVATE/PUBLIC PONDS OR LAKES WITHIN 1/2 MILE DOWNSTREAM OF PROJECT BOUNDARY THAT MAY BE IMPACTED BY THE CONSTRUCTION ACTIVITY? NO
EXISTING DATA DESCRIBING THE SOIL (for linear projects please describe in SWPPP): in SWPPP

1 Acreage for subdivision development includes areas disturbed by construction of roads, utilities and drainage. Additionally, a house site of at least 10,000 ft per lot (entire lot, if smaller) shall be included in calculating acreage disturbed. 2

DOCUMENTATION OF COMPLIANCE WITH OTHER REGULATIONS/REQUIREMENTS

COVERAGE UNDER THIS PERMIT WILL NOT BE GRANTED UNTIL ALL OTHER REQUIRED MDEQ PERMITS AND APPROVALS ARE SATISFACTORILY ADDRESSED

IS THIS LCNOI FOR A FACILITY THAT WILL REQUIRE OTHER PERMITS (Yes or No)? No

IF YES, CIRCLE WHICH ONE(S): AIR, HAZARDOUS WASTE, PRETREATMENT, WATER STATE OPERATING, INDIVIDUAL NPDES, OTHER: _____

IS THE PROJECT REROUTING, FILLING OR CROSSING A WATER CONVEYANCE OF ANY KIND (Yes or No)? Yes. (If yes, contact the U.S. Army Corps of Engineers' Regulatory Branch for permitting requirements).

IF THE PROJECT REQUIRES A CORPS OF ENGINEER SECTION 404 PERMIT, PROVIDE APPROPRIATE DOCUMENTATION WITH THIS LCNOI THAT:

- The project has been approved by individual permit, or
- The work will be covered by a nationwide permit and NOTIFICATION to the Corps is required, or
- The work will be covered by a nationwide or general permit and NOTIFICATION to the Corps is required

IS A LAKE REQUIRING THE CONSTRUCTION OF A DAM BEING PROPOSED (Yes or No)? No
IF YES, PROVIDE APPROPRIATE APPROVAL DOCUMENTATION FROM MDEQ OFFICE OF LAND AND WATER, DAM SAFETY.

IF THE PROJECT IS A SUBDIVISION, INDUSTRIAL PARK, OR LARGE APARTMENT COMPLEX, HOW WILL SANITARY SEWAGE BE DISPOSED? Circle one of the following and attach the pertinent documents.

1. Existing Municipal or Commercial System. Please attach plans and specifications for the collection system and the associated "Information Regarding Proposed Wastewater Projects" form. If the plans and specifications can not be provided at the time of LCNOI submittal, the MDEQ will accept written acknowledgement from official(s) responsible for wastewater collection and treatment that the flows generated from the proposed project can and will be transported and treated properly. The letter must include the estimated flow.
2. Collection and Treatment System will be Constructed. Please attach a copy of the cover of the NPDES discharge permit from the MDEQ or indicate the date the application was submitted to the MDEQ. Date: _____
3. Individual Onsite Wastewater Disposal Systems for Subdivisions Less than 35 Lots. Please attach a copy of the Letter of General Acceptance from the Mississippi State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.
4. Individual Onsite Wastewater Disposal Systems for Subdivisions Greater than 35 Lots. A determination of the feasibility of installing a central sewage collection and treatment system must be made by the MDEQ. A copy of the response from the MDEQ concerning the feasibility study must be attached. If a central collection and wastewater system is not feasible, then please attach a copy of the Letter of General Acceptance from the State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.

INDICATE ANY LOCAL STORM WATER ORDINANCE WITH WHICH THE PROJECT MUST COMPLY:

Harrison County Erosion, Sediment and Post Construction Control Ordinance

**STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND
USGS QUAD MAP REQUIREMENT**

ATTACH A CONSTRUCTION SWPPP THAT INCLUDES THE MINIMUM COMPONENTS FOUND IN THE LARGE CONSTRUCTION STORM WATER GENERAL PERMIT.

INDICATE ANY ASSOCIATION OR GENERIC SWPPP (In addition, attach a site map with the appropriate erosion and sediment controls identified. For linear projects such as roads and pipelines provide drawings of typical controls:
attached

ATTACH A USGS QUAD MAP OR COPY OF QUAD MAP EXTENDING AT LEAST 1/2 MILE BEYOND THE SITE'S PROPERTY BOUNDRY OUTLINING THE SITE LOCATION (Quad maps can be obtained from MDRQ Office of Geology at 601-961-5523.) IF A COPY IS SUBMITTED PROVIDE THE NAME OF THE QUAD MAP (found in upper right hand corner of map).
attached

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

+ Thomas J. Rodi

Signature (Must be signed by operator when different than owner)

12-20-06

Date

THOMAS J. RODI

Printed Name

BISHOP

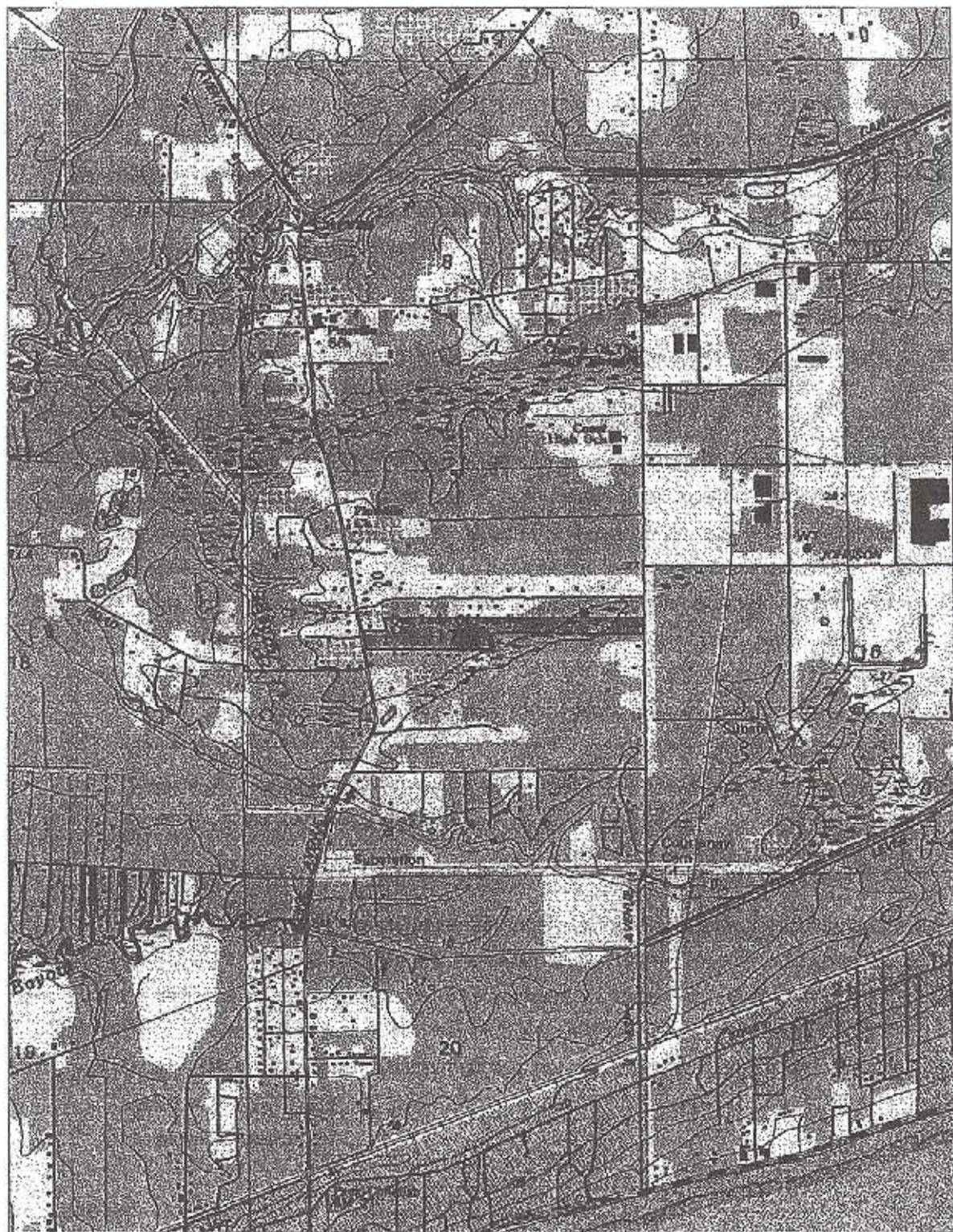
Title

This application shall be signed as follows:

- For a corporation, by a responsible corporate officer;
- For a partnership, by a general partner;
- For a sole proprietorship, by the proprietor;
- For a municipal, state or other public facility, by principal executive officer, mayor, or ranking elected official;
- Duly Authorized Representative.

Please submit this LCNOI form to: Chief, Environmental Permits Division
MS Department of Environmental Quality, Office of Pollution Control
P.O. Box 10385
Jackson, Mississippi 39289-0385

II. VICINITY MAP



DALORME

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www.dalorme.com



III. Site Information

The Catholic Diocese of Biloxi plans to construct a new elementary school to replace two catholic elementary schools that were destroyed by Hurricane Katrina. The facility will be located on a 22.95 acre site that belongs to the Our Lady of Lourdes Church. It is located in Section 17 Township 8-South, Range 12-West, Harrison County between Espy Avenue and Menge Avenue. The applicant is requesting coverage under the Mississippi State Department of Environmental Quality, Office of Pollution Control, Large Construction Storm Water General Permit for land disturbing activities of 5 or more acres.

The site currently consists of approximately 2 acres developed church facilities and parking areas. The remainder of the site is heavily forested with large trees and has been determined to have 4.1 acres of jurisdictional wetlands. Land use in the vicinity is primarily residential.

Impervious areas in will increase from 1acre to 3.8 acres (plus 0.4 acres in wetland area). Two retention basins will be used to comply with the EPA, the Mississippi Department of Environmental Quality, and the Harrison County's Stormwater regulations. MDEQ regulations require that post construction measures be designed to capture first 2.5" inch of runoff from the new impervious areas. The Harrison County Engineering Department requires post development runoff equal pre-development runoff for a 25 year, one hour storm event. The design of the basins meets both of these requirements.

The soil in the project area is indicated by the NRCS soil survey as Latonia loamy sand (Lt), Harleston fine loamy sand, 0 to 2% slopes (H1A), Plummer loamy sand (Pm) and Ponzer and Smithton soils (Ps). However the soil borings taken on the site indicate very sandy soils up to approximately 45 feet of depth at majority of the soil boring locations.

IV. Permits

The Diocese has received a Department of the Army, Nationwide Permit Authorization Number, SAM-2006-2178-TMZ, in compliance with 33 CFR Part 330 of their regulations, to build an access road through the wetlands on the proposed site. The permanent wetland impacts associated with the road construction total 0.4 acres. The Diocese also has received certification from Mississippi Department of Environmental Quality, Office of Pollution Control that this work will be in compliance with the applicable provisions of Sections 301, 302, 303, 306, and 307 of the Clean Water Act (33 USC 1341 and Section 49-17-29 of the Mississippi Code of 1972.

V. Controls

The USDA/Mississippi Planning and Design Manual for the Control of Erosion, Sediment, and Stormwater will be used as the guideline for the Stormwater Pollution Prevention Plan for the proposed construction. Each Construction Contractor and Subcontractor will be required to use the applicable sections of the manual for erosion and sediment control.

A. Vegetative Controls:

- a. A 10 to 30 foot undisturbed vegetative buffer zone will be maintained wherever possible around the perimeter of the site. This buffer contains grass, tall brush and many trees. Existing trees outside of the buffer will also be preserved where possible. All wetland areas outside the access road right of way shall stay intact.

B. Structural Construction Controls:

1. Construction Entrance: a temporary gravel construction entrance will be installed at the east entrance (access road). During wet weather, it may be necessary to wash vehicle tires at this location. If the access road bid alternate is not taken then the construction entrance shall be constructed at the foot of the existing church parking lot as shown on sheet C105.
2. Tree Preservation and Protection: a minimum 2 foot protective fence will be erected at the drip line around any trees designated for protection to prevent damage during construction. Sediment fencing materials may be used for this purpose.
3. Land Grading: Major grading will occur in the location of the access road. All cut slopes will be 3:1 or flatter to avoid instability due to wetness, provide fill material, and allow vegetative slopes to be mowed. Cut slopes will be fine graded immediately after rough grading; the surface will be disked and vegetated according to the vegetation plan.

Fill slopes will be 4:1 with fill depths as much as 3 feet. Fill will be placed in layers not to exceed 8 inches in depth and compacted. (Note: Fills of this depth have detailed compaction specifications in the general construction contract. These specifications are not part of the erosion, sediment, and stormwater control plan).

Filling will be done as a continuous operation until final grade reached. The parking area shall be graded as shown on the grading plan.

4. Silt Fence: a silt fence will be constructed around the extent of the site as directed by the site erosion control plan and any topsoil stockpiles.
5. Construction Road Stabilization: As soon as final grade is reached on the entrance road, the subgrade will be sloped to drain and stabilized with a 6 inch course of M.D.O.T. approved standard size stone. The parking area and its entrance road will also be stabilized with stone to prevent erosion and dust during the construction of the building prior to paving.
6. Surface Roughing: The 3:1 slopes will be lightly roughened by disking just prior to vegetating,

and the surface 4 to 6 inches of the 4:1 fill slopes will be left in a loose condition and grooved on the contour.

7. Dust control: Dust is not expected to be a problem due to the small area of exposure, and the nature of the project. Should excessive dust be generated, it will be controlled by sprinkling.
8. Temporary Seeding: Temporary seeding will be used in accordance with the vegetation plan whenever disturbed areas are to be unworked for more than 30 days. The temporary seeding must be applied within 7 days of last disturbance

C. Post Construction Structural Controls:

1. Dry Retention Basin: Two dry retention basins have been designed. The larger retention basin on the east has an emergency outfall that drains into the existing wetlands. The west retention basin has an emergency outfall that drains to the existing road side swale and culverts.
2. Grassed Swales: Grassed swales will be graded with a two foot wide flat bottom and 4:1 side slopes. The swale will be sodded or seeded and covered with erosion control mats immediately after completion.
3. Permanent Seeding: All disturbed areas will be permanently seeded (or sodded) once final grade is obtained according to the vegetation plan. Permanent cover will not be certified until after a minimum of 6 weeks of establishment and at least ½" of rainfall has occurred.
4. Vegetated Buffers: Runoff from most of the roadways will drain to the vegetated buffer between the school and Evangeline Road and the existing wetlands on the east half of the property.
5. Outfalls: Riprap will be placed at all culvert outlet aprons as shown on detail sheets.

VI. Implementation Schedule

1. Obtain plan approval and other applicable permits.
2. Hold preconstruction conference at least one week prior to starting construction.
Weekly review of erosion, sediment, and stormwater control plan will be conducted.
3. Flag work limits
4. Install sediment fence and build construction entrance/exit.
5. Rough grade site, construct diversions and drainage ways, stockpile topsoil and install silt fence around stockpile, install culverts with inlet/outlet protection (silt fence), and riprap.
6. Plant needed temporary vegetation on disturbed areas.
7. Maintain best management practices as necessary to effectively prevent erosion and contain sediment.
8. Construct buildings and parking lots.
9. Finish slopes around buildings, roughen slopes and vegetate.
10. After site is stabilized, remove all temporary measures and vegetate these areas and any areas needing repairs.
11. Submit Notice of Termination to MDEQ.

VII. General Maintenance

The construction will not begin until adequate erosion control measures are in place.

A general construction sequence is included in Appendix C. These measures will generally consist of a vegetative buffer zone, silt fences, construction entrance and sediment basins. These measures will remain in place until permanent erosion controls are established. Any disturbed or damaged erosion control measures shall be immediately repaired or replaced.

- Once per week and after each storm event of 0.5 inches or greater, erosion and sediment controls shall be inspected for possible repair/replacement needs.
- Sediment from silt fences and hay bales will be removed when accumulated sediment has reached 50 percent capacity.
- Silt fences will be inspected for depth of sediment, tears to see if the fabric is securely attached to fence posts, and to see that the fence posts are firmly in the ground at each inspection.
- Temporary seeding and solid sod will be inspected for bare spots, washouts, and healthy growth.
- Solid sodding of the project area shall commence as soon as practical. All grassed areas shall be maintained to an acceptable level until the construction is completed. An erosion control plan, which is included in the construction plans for this project, is shown in Appendix C & D.
- Paints, solvents, fertilizers, or any other potentially toxic materials will not be stored onsite.
- Portable sanitary facilities will be provided for construction workers. (Sanitary facilities are not permitted to discharge into State Waters.)

VIII. Long Term Maintenance Plan for Post Development Stormwater Controls

The St. Vincent DePaul Elementary School facility consists of a series of piped and open channel stormwater conveyances and two retention basins. The School's maintenance crew will be responsible for the long term maintenance of the post construction best management practices.

Maintenance:

1. Swales:

- The facility should be checked annually for signs of erosion, vegetation loss, and channelization of the flow.
- The grass should be mowed when it reaches a height of 8 inches and no shorter than 3 inches. Allowing the grass to grow taller may cause it to thin and become less effective. The clippings should be bagged and removed.
- Remove cuttings and dispose of properly (preferably through composting).
- Remove sediment by hand with a flat-bottomed shovel during dry periods.
- Remove only the amount of sediment necessary to restore hydraulic capacity.

2. Retention Basin:

- Removal of sediment and debris on at least a bi-monthly basis.
- Remove any woody growth from embankments and spillway areas. Keep grasses mowed for better visual inspection and remove grass clippings.
- Remove debris and trash from outlets immediately. Inspect the outlet regularly, especially after storm events.
- Control burrowing animals. Repair any holes caused by burrowing animals on or near the embankment.
- Repair any erosion of the embankment.

3. The maintenance reports, inspections reports, and all records should be kept on site for a period of five years.

IX. Reporting Requirements

All inspection of erosion and sediment controls must be reported using the form included in Appendix E. The reports will be kept in an accessible location for review by the Mississippi Department of Environmental Quality. The reports will be maintained onsite during construction and retained in an accessible location for 3 year after completion of project. Upon completion of project the Notice of Termination must be mailed to MDEQ.

X. Plan Certification

I certify under penalty of law that this document and all attachments were prepared under my discretion or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowingly committing violations.

XI. Contractor's Certification

I certify under penalty of law that I understand the terms and conditions of the general National Pollution Discharges Elimination System (NPDES) permit that authorizes the storm water discharges associated with the construction site identified as part of this certification.

Signature

For

Responsible For

Wendy M. Jaffe

Guid Hardytech

Stormwater
Plan

PRIME CONTRACTOR CERTIFICATION

By completing and submitting this form to the MDEQ, the prime contractor is certifying that (1) they have operational control over the erosion and sediment control specifications (including the ability to make modifications to such specifications) and (2) has day-to-day operational control of those activities at the site necessary to ensure compliance with the SWPPP and applicable permit conditions. The owner(s) of the property and the prime contractor associated with regulated construction activity on the property have joint and several responsibility for compliance with the permit. Notwithstanding any permit condition to the contrary, the coverage recipient and any person who causes pollution of waters of the state or places waste in a location where they are likely to cause pollution of any waters of the state shall remain responsible under applicable federal and state laws and regulations and applicable permits.

PRIME CONTRACTOR INFORMATION

PRIME CONTRACTOR CONTACT PERSON: _____ PHONE NUMBER: () _____

PRIME CONTRACTOR COMPANY: _____

PRIME CONTRACTOR STREET OR P.O. BOX: _____

PRIME CONTRACTOR CITY: _____ STATE: _____ ZIP: _____

OWNER INFORMATION

OWNER CONTACT PERSON: _____ PHONE NUMBER: () _____

OWNER COMPANY NAME: _____

PROJECT INFORMATION

CONSTRUCTION STORM WATER GENERAL PERMIT COVERAGE NUMBER (Found on Certificate of Coverage):
MSR10 _____

PROJECT NAME: _____

DESCRIPTION OF CONSTRUCTION ACTIVITY: _____

PHYSICAL SITE ADDRESS (If the physical address is not available indicate the nearest named road. For linear projects, indicate the beginning of the project and identify all counties the project traverses.)

STREET: _____

CITY: _____ COUNTY: _____

I certify that I am the prime contractor for this project and will comply with all the applicable requirements in the above referenced general NPDES permit. I further certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Prime Contractor Signature

Date

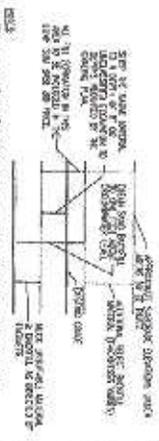
Printed Name

Title

This application shall be signed as follows:

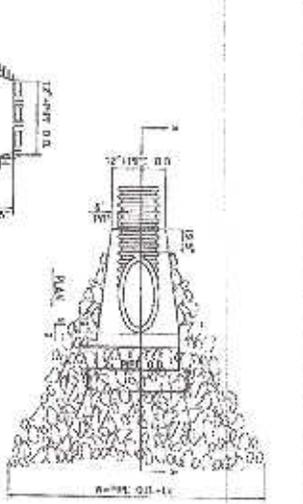
- For a corporation, by a responsible corporate officer;
- For a partnership, by a general partner;
- For a sole proprietorship, by the proprietor;
- For a municipal, state or other public facility, by principal executive officer, mayor, or ranking elected official;
- Duly Authorized Representative.

This Prime Contractor Certification form shall be submitted to:
Chief, Environmental Permits Division
MS Department of Environmental Quality, Office of
Pollution Control
P.O. Box 10385
Jackson, Mississippi 39289-0385

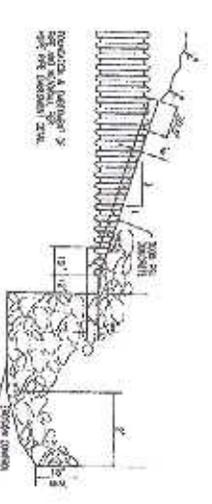


1. ALL STRUCTURES SHALL BE CONSTRUCTED TO RESIST THE FULL DESIGN LOADS AND BE PROTECTED AGAINST COLLAPSE UNDER ALL POSSIBLE LOADING CONDITIONS. ALL STRUCTURES SHALL BE DESIGNED TO RESIST THE FULL DESIGN LOADS AND BE PROTECTED AGAINST COLLAPSE UNDER ALL POSSIBLE LOADING CONDITIONS.

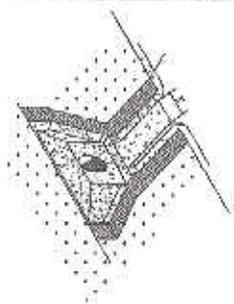
EXCAVATION & FILL UNDER CIVIL/SIENWORK AREAS TO BE PAVED



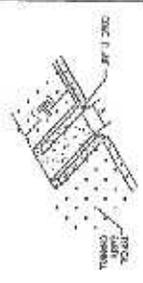
1. ALL EXCAVATIONS SHALL BE PROTECTED AGAINST COLLAPSE UNDER ALL POSSIBLE LOADING CONDITIONS. ALL EXCAVATIONS SHALL BE DESIGNED TO RESIST THE FULL DESIGN LOADS AND BE PROTECTED AGAINST COLLAPSE UNDER ALL POSSIBLE LOADING CONDITIONS.



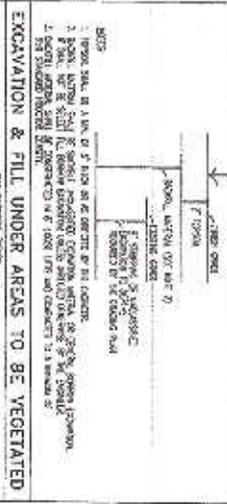
SLOPED HEADWALL/BIPRAP OUTLET PROTECTION



COMBINATION HEADWALL AND CONCRETE FLUME



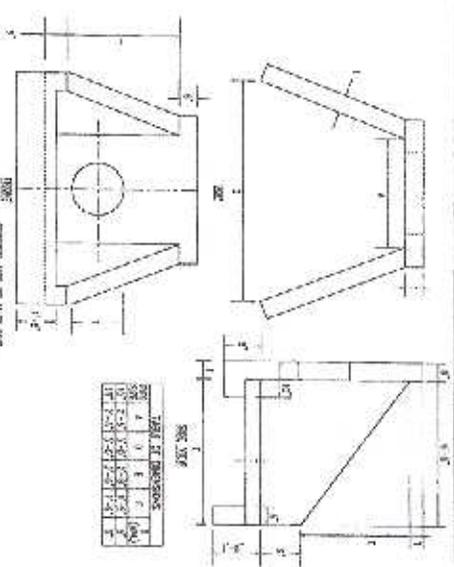
COMBINATION CURB CUT AND FLUME



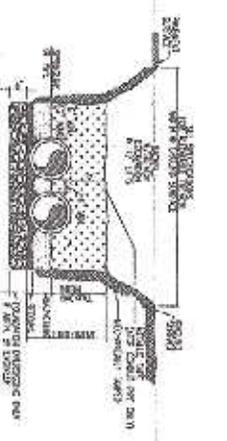
1. ALL EXCAVATIONS SHALL BE PROTECTED AGAINST COLLAPSE UNDER ALL POSSIBLE LOADING CONDITIONS. ALL EXCAVATIONS SHALL BE DESIGNED TO RESIST THE FULL DESIGN LOADS AND BE PROTECTED AGAINST COLLAPSE UNDER ALL POSSIBLE LOADING CONDITIONS.



HOPE CULVERT EMBANKMENT AND BACKFILL DETAIL



HEAD WALL DETAIL



1. ALL EXCAVATIONS SHALL BE PROTECTED AGAINST COLLAPSE UNDER ALL POSSIBLE LOADING CONDITIONS. ALL EXCAVATIONS SHALL BE DESIGNED TO RESIST THE FULL DESIGN LOADS AND BE PROTECTED AGAINST COLLAPSE UNDER ALL POSSIBLE LOADING CONDITIONS.



PIPE EMBANKMENT & BACKFILL DETAIL

**NEW ST. VINCENT de PAUL
ELEMENTARY SCHOOL**
FOR ST. THOMAS AND HOLY FAMILY PARISHES
CATHOLIC DIOCESE OF MOCO

GHILD HARDY ARCHITECTS PA
1000 BERRY BLVD. SUITE 200
DALLAS, TEXAS 75201
TEL: 972.333.8888
FAX: 972.333.2222
WWW.GHILDHARDYARCHITECTS.COM

C205
DATE: 11.14.11

Appendix B

**FEMA NOTICE OF AVAILABILITY
DRAFT ENVIRONMENTAL ASSESSMENT FOR ST. VINCENT DE PAUL
CATHOLIC SCHOOL LOCATED IN PASS CHRISTIAN, HARRISON COUNTY,
MISSISSIPPI**

Interested parties are hereby notified that the Federal Emergency Management Agency (FEMA) has prepared a Draft Environmental Assessment (DEA) for a proposed elementary school for the Catholic Diocese of Biloxi. The proposed school would replace 2 elementary schools that were severely damaged by Hurricane Katrina on August 29, 2005. A Presidential Disaster Declaration, FEMA-1604-DR-MS, was signed on August 29, 2005, for this event.

The proposed action includes construction of a new elementary school located in Pass Christian, Harrison County, Mississippi. The proposed school includes an approximately 65,000 square foot facility for 450-500 students consisting of Pre-Kindergarten through Sixth Grade students. Project activities would include site clearing, grading, road construction, and the placement of utilities, parking lot construction and the building of the structure. A Draft EA was written to evaluate the proposed action's potential impacts on the human and natural environment. In order to meet the urgent need of hurricane victims to have a permanent school for their educational needs. FEMA has conducted an expedited environmental review process to identify and address environmental issues. The Draft EA summarizes the purpose and need, site selection process, affected environment, and potential environmental consequences associated with the proposed action.

Due to the emergency nature of this action, the public comment period will be start on ___ and end on _____. Written comments on the Draft EA can be faxed to ___; and verbal comments will be accepted at ___ between ___ A.M. and ___ P.M. The Draft Ea can be viewed and downloaded from FEMA's website at <http://www.fema.gov/ehp/docs.shtm> and is also available for public review at _____. If no substantive comments are received, the Draft EA will become final and this initial Public Notice will also serve as the final Public Notice.

**Anna Schoonover
Solutions, Inc.
P.O. Box 820127
Vicksburg, MS 39182-0127
601-634-6118**

Appendix C

SOLUTIONS, INC.

**P. O. Box 820127
Vicksburg, MS 39182-0127
601-634-6118
Anna W. Schoonover, President**

**PRELIMINARY WETLANDS DELINEATION
APPROXIMATELY 22.5 ACRES
HARRISON COUNTY COUNTY, MS**

**PREPARED FOR:
Guild Hardy Architects**

**PREPARED BY:
Eric Necaie, Environmental Scientist
Solutions, Inc.
P. O. Box 6341
Diamondhead, MS 39525
228-255-5511**

May 26, 2006

SOLUTIONS, INC. PROJECT NO.

**Preliminary Wetlands Delineation
Approximately 22.5 Acres
Pass Christian, Harrison County, MS
May 26, 2006**

Introduction

Solutions, Inc. recently completed a preliminary wetlands delineation of a parcel of land approximately 22.5 acres in size located in Section 17 Township 8-South, Range 12-West, Harrison County, Mississippi. The parcel is south of Derrick Road, between Menge Avenue and Espy Avenue. Specifically the property is located at Latitude N 30° 20' 53" and Longitude W 89° 12' 40." A location map has been provided to show the exact location of the proposed site, Figure 1. This report will describe the results of the preliminary wetland delineation concluded by Mr. Eric F. Ncaisc on May 19,2005.

Mr. Taylor Guild, of Guild Hardy Architects requested a preliminary wetlands delineation to determine the presence and approximate extent of wetlands on said property as defined in Section 404 of the Clean Water Act (formerly known as the Federal Pollution Control Act, 33 U.S.C. 1344). For purposes of this report, the term wetlands shall mean:

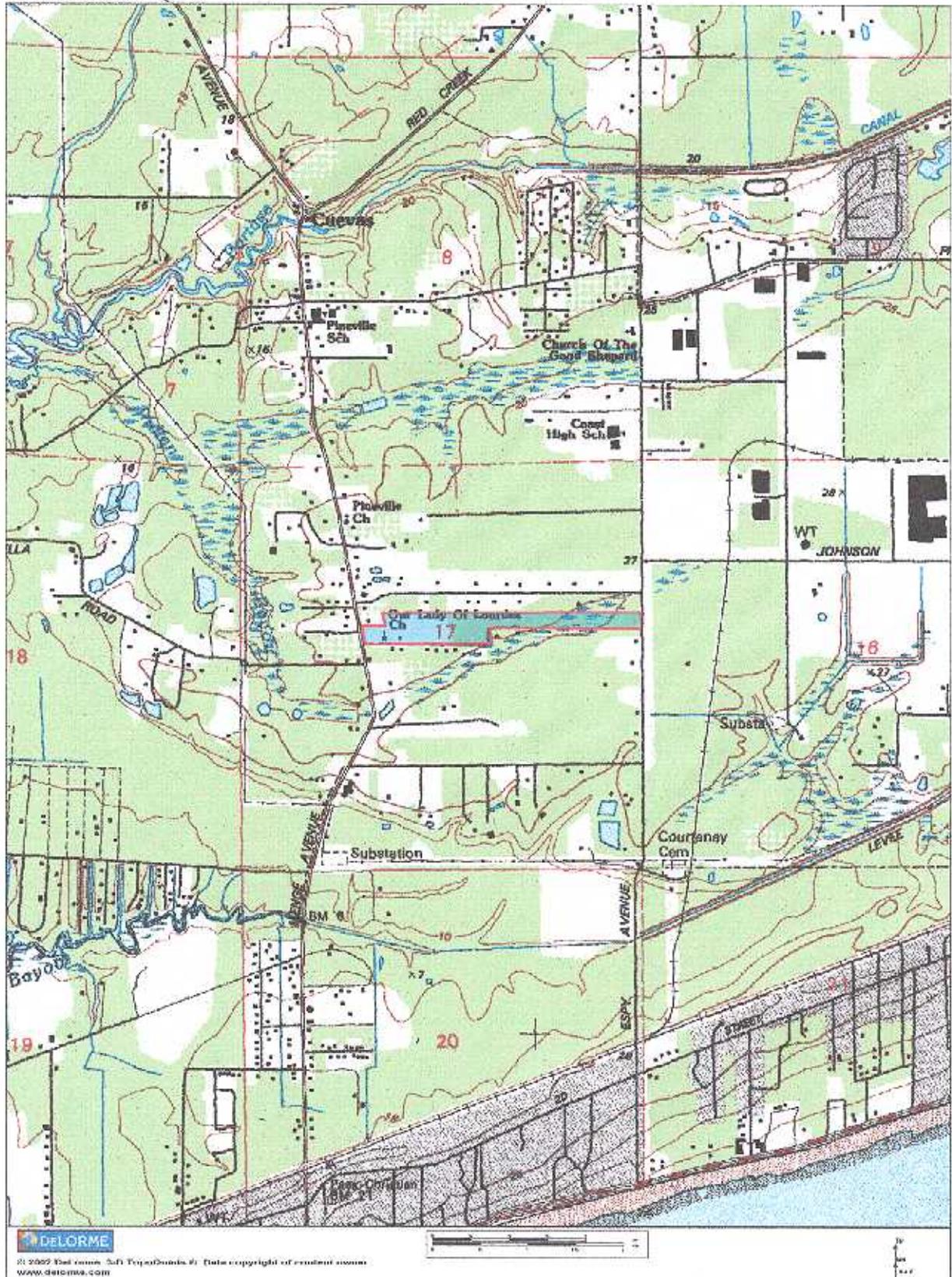
*Those areas that are inundated or saturated by surface water or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions.
Wetlands generally include swamps, marshes, bogs, and similar areas.*

Methodology

Wetland delineation methods used in this report follow the procedures outlined in Part IV of the "Corps of Engineers Wetlands Delineation Manual" dated January 1987. U.S. Geological Survey (USGS) topographic maps, a Soil Survey of Harrison County and an infrared photograph were reviewed prior to the field visit to determine possible location and extent of jurisdictional areas.

Routine Wetland Determination Data Forms (1987 COE Wetlands Delineation Manual) were completed for each vegetative community encountered within the proposed site and will be included with this report when sent to the Corps of Engineers requesting their confirmation. These data forms provide a listing of parameters/indicators to differentiate jurisdictional areas from non-jurisdictional areas. The completed forms confirm the presence or absence of the three required wetland criteria: hydrophytic vegetation, wetland hydrology, and hydric soils. The approximate location of each data point is shown on the wetland map (figure 2).

**Figure 1, Guild Hardy, Section 17 Township 8-South, Range 12-West, Harrison County, MS,
Pass Christian Quad**



Soils

According to a map provided by the Harrison County Natural Resource and Conservation Service, the major soil types located within the site are: Latonia loamy sand (Lt), Harleston fine loamy sand, 0 to 2 % slopes (H1A), Plummer loamy sand (Pm) and Ponzer and Smithton soils (Ps). The upland areas are mapped as Harleston, Plummer and Latonia. Harleston and Latonia are hydric inclusive soil types. Hydric inclusive soils contain a component within the broad, mapunits that may be hydric. The hydric component is usually located near topographic lows or adjacent to streams. Although Harleston and Latonia may contain areas of hydric soil, most of the Harleston and Latonia areas contain no low areas or areas with low chroma soils. The areas mapped as Ponzer and Smithton is relatively undisturbed due to the wetness associated with this soil type.

The area mapped as Plummer is surrounded by developments to the south and north. A small, manmade ditch was created within the adjacent subdivision to the north. Roadside ditches are found along Evangeline Road. The changes in hydrology appear to have reduced the amount of hydrology in the Plummer soil type. Although the soils were low in chroma, no hydrology indicators were found within the Plummer Soil type. The Soil profiles and descriptions of the existing soils are located on page 2 of the routine wetland delineation forms.

Vegetation

The proposed site is comprised of three vegetative communities. Approximately 8 acres of the site appears to have been disturbed prior to 1998. The disturbed area is periodically mowed and maintained as a lawn. The entire disturbed and mowed area contains uplands. Aerial photographs taken in 1998 illustrate the presence of buildings and the mowed area. In the aerial photograph, a lack of trees and shrubs is evident.

The remaining undisturbed areas contain both forested wetlands and forested uplands. The forested areas contain large trees and dense shrubs. In the undisturbed, wetland area, ligustrum, titi, slash pine, red maple, tupelo, water oak and sweetbay are the dominant species. The forested uplands contain farkleberry, yaupon, loblolly pine, water oak, live oak and large flower magnolia. The dominant species with indicator status is recorded for the three vegetative communities on the routine wetland delineation forms.

Hydrology

The topographic map and the soil survey illustrate normal drainage patterns to the Bay of St. Louis through Bayou Portage and Indian Bayou. The specific hydrology indicators found within the delineated wetland areas include saturation of soil in upper 12 inches and oxidized root channels. The hydrology of the site appears to have been disturbed by the ditches along the south and north boundaries. Hydrology has been effectively removed and routed to the only existing

wetland area on the site. The wetland hydrology found at each data point is recorded on the routine wetland delineation forms.

Jurisdictional Areas

After applying the above listed methodology, approximately 4.1 acres of jurisdictional wetlands were delineated within the limits of the site. The location and extent of the jurisdictional areas are shown on Figure 2.

Wetlands - Approximately 4.1 acres of wetlands were delineated within the site. The wetlands are classified as forested wetland drains. The forested wetland drains consist of hardwood trees with some dense shrubs and herbaceous growth found within the wetland areas. The wetlands are part of a wetland system that exits the parcel along the southern boundary and continues southwest to Indian Bayou. The wetlands continue to Bayou Portage and the Bay of St. Louis

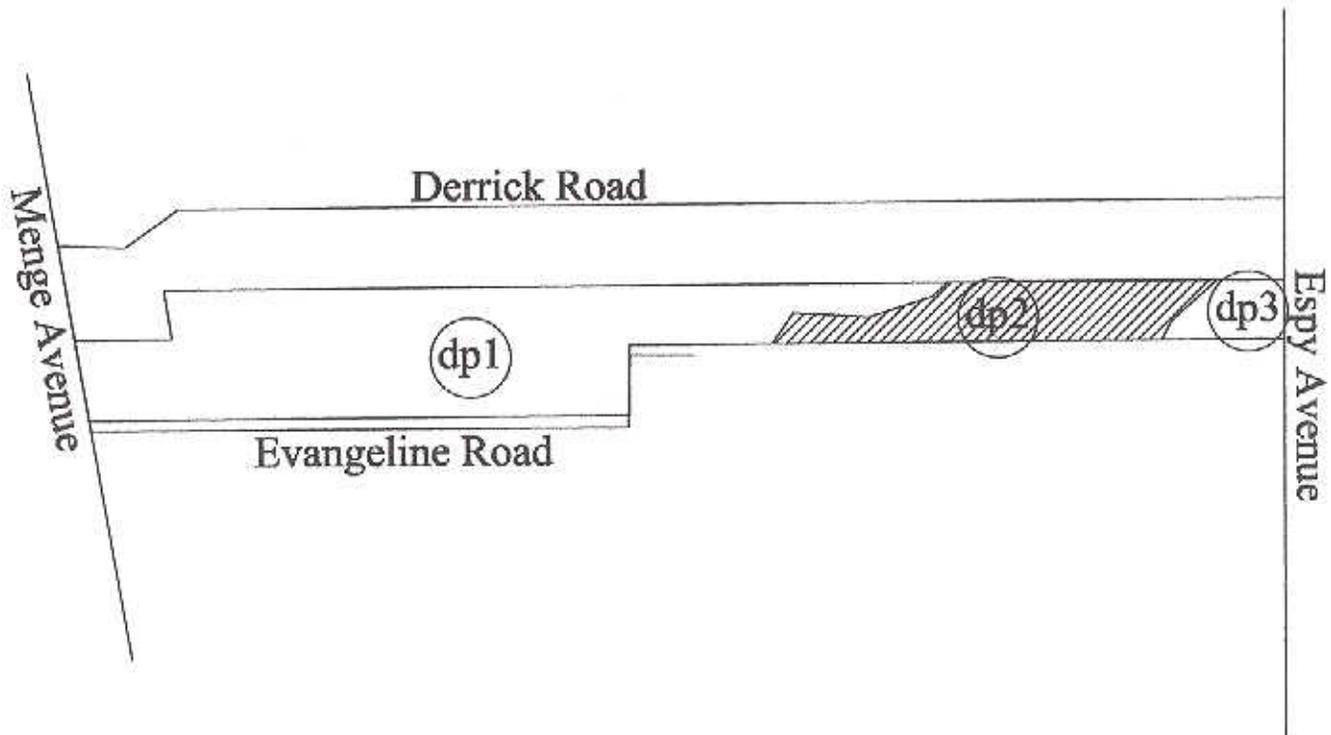
Current Site Conditions

The site is located within a lightly developed, residential and commercial area of Harrison County, Mississippi. The 22.5-acre site surrounded by subdivisions on the north, south and west. The 22.5-acre parcel contains a church and various large structures on the western portion of the parcel. The buildings are located within an 8-acre area that is periodically mowed. The remaining 14.5 acres of the site is heavily forested with large trees.

Summary

Based on the results of the field inspection and a close examination of the information from the above listed sources, it appears that the United States Army Corps of Engineers may consider approximately 4.1 acres of the site as jurisdictional wetlands. The wetlands are classified as a forested wetland drains. The remaining 18.4 acres contains upland soils or does not contain the necessary hydrology to be determined wetlands by the United States Army Corps of Engineers.

It should be noted that this report is intended as a preliminary delineation and should not be interpreted as a final jurisdictional determination. That responsibility lies with the U.S. Army Corps of Engineers.



-  UPLANDS: ±18.4 ACRES
-  WETLANDS: ±4.1 ACRES
-  DATA POINT LOCATIONS

SOLUTIONS INC.
 ENVIRONMENTAL CONSULTANTS
 P.O. BOX 6341
 DIAMONDHEAD, MS 39525
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 PHONE: (228) 255-5511
 FAX: (228) 255-1966
 VICKSBURG OFFICE: (601) 634-6118

Guild-Hardy
St. Vincent de Paul

Section 36, T-1-S, R-8-W County, MS	
Scale: NTS	Date: 00/00/2005
Drawn By: EFN	Revised: xx/xx/xx
Project No. 04-000	

Appendix D



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, MOBILE DISTRICT
CORPS OF ENGINEERS
P.O. BOX 2288
MOBILE, ALABAMA 36628-0001

NOV - 6 2006

Coastal Branch
Regulatory Division

SUBJECT: Department of the Army Nationwide Permit Authorization Number
SAM-2006-2178-TMZ; St. Vincent DePaul School

Catholic Diocese of Biloxi
c/o Solutions, Inc.
Post Office Box 6341
Diamondhead, Mississippi 39525-6341

Gentlemen:

Reference is made to your request to construct an access road through wetlands at the proposed St. Vincent DePaul School Derrick Road, Pass Christian, Mississippi. Specifically, the property is located within Section 17, Township 8 South, Range 12 West in Harrison County, Mississippi. Permanent wetland impacts associated with road construction total 0.4 acre.

This letter verifies your proposed activity is authorized by Nationwide Permit (NWP) 14 in accordance with 33 CFR Part 330 of our regulations. NWP 14 and its associated Regional and General Conditions can be accessed at our website at: www.sam.usace.army.mil/rd/reg/ or, at your request, a paper copy will be provided to you. Further authorization from this office is not required provided the scope of work is in accordance with your submitted plans and the NWP conditions.

By letter dated March 15, 2002, the Mississippi Department of Environmental Quality, Office of Pollution Control, has certified that work authorized by this NWP will be in compliance with the applicable provisions of Sections 301, 302, 303, 306 and 307 of the Clean Water Act (33 USC 1341) and Section 49-17-29 of the Mississippi Code of 1972, subject to the enclosed conditions (Enclosure 1), which must be adhered to by the permittee.

As compensation for the unavoidable loss of 0.4 acre of medium quality wetlands, you are required to purchase the appropriate number of mitigation credits from an approved mitigation bank. Proof of credit purchase must be submitted to this office prior to the initiation of construction.

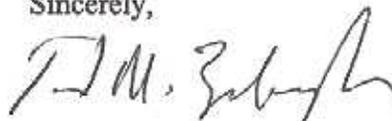
The statements contained herein do not convey any property rights, or any exclusive privileges, and do not authorize any injury to property or obviate the requirements to obtain other local, State or Federal assent required by law. The District Engineer shall be notified promptly in writing at the commencement and completion of the work. The enclosed cards may be used for that purpose. If the scope of work or project location changes, you are urged to contact this office for a verification of this determination.

Please be advised this determination reflects current policy and regulations. This NWP authorization will expire March 19, 2007.

If you have any questions or require further information concerning this matter, please contact Mr. Tad M. Zebryk of the Coastal Branch at (251) 694-3779.

For additional information about our Regulatory Program, please visit our web site at www.sam.usace.army.mil/rd/reg, and please take a moment to complete our customer satisfaction survey while you're there. Your responses are appreciated and will allow us to improve our services.

Sincerely,



Tad M. Zebryk
Project Manager
Coastal Branch

Enclosures