

**APPENDIX B**  
**AGENCY COORDINATION**

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water resources / environmental consultants

6508 Dogwood View Pkwy., Suite B • Jackson, MS 39213 • (601) 987-3040 • Fax (601) 987-3042

May 31, 2011

Mr. Jim Woodrick  
Mississippi Department of Archives and History  
PO Box 571  
Jackson, MS 39205-0571

RE: Request for Information for Supplemental Environmental Assessment  
Diamondhead Water and Sewer District Underground Sewer Line Project  
Diamondhead, Mississippi  
FTN No. 5115-020

Dear Mr. Woodrick:

Diamondhead Water and Sewer District (DWSD) has applied for assistance from the Federal Emergency Management Agency with the construction of a 30-inch-diameter underground sewer line and outfall structure. The proposed line and outfall structure will service the new wastewater treatment plant (WWTP) located at 311 Noma Drive in Diamondhead, Mississippi.

The proposed sewer line is approximately 5,350 ft in length and would require a 75-ft by 165-ft construction area and a 30-ft wide construction easement along an existing logging road. To minimize impacts, the proposed line will be placed in an existing road and utilize horizontal, directional drilling under the interstate and through a tidal marsh area to the Jourdan River. Construction of the proposed sewer line and outfall structure would take approximately 7 months to complete. The trench for the sewer line would be dug 12-ft deep. Impacts to vegetation will only occur at entry and exit points of the drilling operation and for temporary storage of pipe in the 75-ft by 165-ft construction area.

FTN Associates, Ltd. (FTN) has been retained by DWSD to prepare a Supplemental Environmental Assessment for this project. FTN requests that your agency review the proposed project and provide comments and any available information on resources under your agency's jurisdiction within the project area.

Mr. Jim Woodrick  
May 31, 2011  
Page 2

If you have any questions or require additional information regarding this project, please do not hesitate to contact me at (228) 493-9500 or Gary Tucker, PhD, at (501) 225-7779. You may also reach me by e-mail at [efn@ftn-assoc.com](mailto:efn@ftn-assoc.com).

Respectfully submitted,  
FTN ASSOCIATES, LTD.



Eric F. Necaie  
Environmental Scientist

EFN/fjm

Enclosure

cc: David Felder, US Fish and Wildlife Service  
James Giattina, US Environmental Protection Agency  
Homer L. Wilkes, US Department of Agriculture, Natural Resources Conservation Service  
Claiborne Barnwell, Mississippi Department of Transportation  
Robin Zantow, Mississippi Department of Marine Resources  
Michelle Vinson, Mississippi Department of Environmental Quality  
Damon M. Young, PG, US Army Corps of Engineers  
Andy Prosser, MS Department of Agriculture and Commerce  
Don Underwood, MS Soil and Water Conservation Commission  
Kenneth Carlton, MS Band of Choctaw Indians  
Michelle Vinson, MS Department of Environmental Quality

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Figure 1. Map showing overview of project area in Diamondhead, MS using National Geographic Society.



**DEPARTMENT OF THE ARMY**  
MOBILE DISTRICT, CORPS OF ENGINEERS  
P.O. BOX 2288  
MOBILE, AL 36628-0001

REPLY TO  
ATTENTION OF

June 15, 2011

Coastal Branch  
Regulatory Division

Diamondhead Water & Sewer District  
C/o FTN Associates, LTD  
Attn: Mr. Eric F. Necaie  
6508 Dogwood View Parkway  
Suite B  
Jackson, MS 39213

Dear Mr. Necaie:

We are in receipt of an application from the Diamondhead Water and Sewer District for Department of the Army verification of wetland delineation and Jurisdictional determination for the construction of an underground sewer line and outfall structure at 311 Noma Drive in Diamondhead, Hancock County, Mississippi.

The request has been assigned the file number **SAM-2011-00713-TMZ**, which should be referred to in all future correspondence with this office. The request is also identified as **Diamondhead Water and Sewer District (Sewer Line)**.

I will be evaluating this request and can be reached by telephone at (251) 694-3779, by e-mail at [tad.m.zebryk@usace.army.mil](mailto:tad.m.zebryk@usace.army.mil) or by mail to U. S. Army Engineer District, Attention: CESAM-RD-C-A, Zebryk, P.O. Box 2288, Mobile, Alabama, 36628-0001. After I have thoroughly reviewed the application package, I will let you know if additional information is needed before we can issue a Public Notice.

In order for a DA permit to be issued for the proposed project, we must receive water quality certification or waiver from the Mississippi Department of Environmental Quality. Prior to the issuance of a DA permit, this office must receive a complete copy of the State permit, including project plans and any special conditions. If the project is within the Coastal Zone, you must also coordinate with the Mississippi Department of Marine Resources (DMR) regarding Coastal Zone Consistency determination. Please provide the status of this application with the DEQ and the DMR.

Please take a moment to visit our website, <http://www.sam.usace.army.mil/RD/reg/> where you can track the status of your application and complete our customer satisfaction survey.

Sincerely,

Tad M. Zebryk  
Project Manager, Coastal Branch  
Regulatory Division

United States Department of Agriculture



Natural Resources Conservation Service  
Suite 1321, Federal Building  
100 West Capitol Street  
Jackson, MS 39269

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June 28, 2011

Eric F. Necaïse  
Environmental Scientist  
Ftn Associates, Ltd  
6508 Dogwood View Pkwy  
Suite B  
Jackson, MS 39213

Dear Mr. Necaïse:

This is in response to your letter dated May 31, 2011, regarding the Request for Information for Supplemental Environmental Assessment on the Diamondhead Water and Sewer District Underground Sewer Line Project in Diamondhead, Mississippi.

The proposed activity is situated along a national right-of-way. No FPPA determination is required.

Sincerely,

A handwritten signature in black ink that reads "Delaney B. Johnson". The signature is written in a cursive style with a large initial "D".

Delaney B. Johnson  
State Soil Scientist

## Eric Necaïse

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**From:** Paul\_Necaïse@fws.gov  
**Sent:** Thursday, October 20, 2011 9:38 AM  
**To:** Eric Necaïse  
**Subject:** RE: Diamondhead Water and Sewer District Underground Sewer Line Project

Eric,

The Service concurs with your determination regarding the lack of potential for adverse impacts to federally listed species as a result of your project. Therefore, the Service has determined that the project will have "no affect" or "may affect, but not likely to adversely affect" federally listed species within the project area. Additionally, no designated critical habitat areas will be impacted as a result of the project. Should you need more information, you may contact me by email or the telephone number listed below.

Paul Necaïse  
Fish and Wildlife Biologist  
US Fish and Wildlife Service  
Mississippi Field Office  
6578 Dogwood View Parkway  
Jackson, MS 39213  
(228) 493-6631 Office/Cell  
[paul\\_necaïse@fws.gov](mailto:paul_necaïse@fws.gov)

"Eric Necaïse" <[efn@ftn-assoc.com](mailto:efn@ftn-assoc.com)>

To <[Paul\\_Necaïse@fws.gov](mailto:Paul_Necaïse@fws.gov)>

cc

10/11/2011 09:58 AM

Subject RE: Diamondhead Water and Sewer District Underground Sewer Line Project

Dear Mr. Necaïse,

The Diamondhead Water and Sewer District proposes to construct a new Wastewater Treatment Facility, remove an existing outfall structure north of the Interstate and install a new sewer outfall structure south of the interstate within the Jourdan River. Preliminary plans are to install the outfall structure on the riverbed in depths exceeding 10 feet. I have investigated the entire length of the outfall pipe and outfall structure for the presence of threatened and endangered species and critical habitat associated with each for Hancock County, MS. The only species listed on the Hancock County, MS list with some potential to occur within the project site is the West Indian manatee.

### West Indian Manatee

Documented cases of "transient" and possibly "stranded" West Indian manatee have been documented within the Jourdan River. The Jourdan River does not normally, provide a population of manatees with a wintering habitat. Occasional occurrences are likely caused by unknown factors and are very uncommon. The outfall design will mildly obtrusive to the environment and not impede or prevent the infrequent occurrences of manatees in the future.

The following species and their critical habitat were not observed for the following species:

Louisiana black bear  
Bald Eagle  
Piping Plover  
Gopher tortoise

Green turtle  
Kemp's ridley  
Loggerhead turtle  
Gulf sturgeon  
Inflated heelspitter  
Louisiana quillwort

Sincerely,



Eric F. Necaie  
Environmental Specialist  
FTN Associates LTD  
Mobile 228-493-9500  
e-mail: [efn@ftn-assoc.com](mailto:efn@ftn-assoc.com)  
website: [www.ftn-assoc.com](http://www.ftn-assoc.com)  
**"We Know H<sub>2</sub>O!"**

**From:** [Paul\\_Necaie@fws.gov](mailto:Paul_Necaie@fws.gov) [[mailto:Paul\\_Necaie@fws.gov](mailto:Paul_Necaie@fws.gov)]  
**Sent:** Tuesday, July 26, 2011 6:04 PM  
**To:** [efn@ftn-assoc.com](mailto:efn@ftn-assoc.com)  
**Subject:** Diamondhead Water and Sewer District Underground Sewer Line Project

Eric,

The US Fish and Wildlife Service has reviewed your request for information for a Supplemental Environmental Assessment for the subject project. The Service has determined that some federally listed species could be located within the project area. Attached is a list of federally listed species for Mississippi, which is arranged by county. Many of the species listed for Hancock County will not likely be found on the subject site due to the lack of suitable habitat. However, should suitable habitat exist for any of the listed species for Hancock County, a survey should be performed for the presence of those species by a qualified biologist. Should you need any additional information, you may contact me by email or at the phone number listed below.

Paul Necaie  
Fish and Wildlife Biologist  
US Fish and Wildlife Service  
Mississippi Field Office  
6578 Dogwood View Parkway  
Jackson, MS 39213  
(228) 493-6631 Office/Cell  
[paul\\_necaie@fws.gov](mailto:paul_necaie@fws.gov)



PO Box 571, Jackson, MS 39205-0571  
601-576-6850 • Fax 601-576-6975  
mdah.state.ms.us  
*H.T. Holmes, Director*

June 22, 2011

Mr. Eric F. Necaise  
FTN Associates, LTD  
6508 Dogwood View Parkway, Suite B  
Jackson, Mississippi 39213

RE: Proposed construction of a 30" sewer line by the Diamondhead Water and Sewer District, MDAH Project Log #06-032-11, Hancock County

Dear Mr. Necaise:

We have reviewed your request for a cultural resources assessment, received on June 6, 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 cultural resources are likely to be affected. Therefore, we have no objection with the proposed undertaking.

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

If you have any questions, please do not hesitate to contact us at (601) 576-6940.

Sincerely,

A handwritten signature in black ink that reads "Hal Bell". The signature is written in a cursive, slightly slanted style.

Hal Bell  
Review and Compliance Assistant

FOR: Greg Williamson  
Review and Compliance Officer



STATE OF MISSISSIPPI

HALEY BARBOUR  
GOVERNOR

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

TRUDY D. FISHER, EXECUTIVE DIRECTOR

June 23, 2011

Mr. Eric F. Necaise, Environmental Scientist  
FTN Associates, LTD.  
6508 Dogwood View Parkway, Suite B  
Jackson, MS 39213

RE: Diamondhead Water and Sewer District Underground Sewer Line Project

Dear Mr. Necaise:

The Mississippi Department of Environmental Quality (MDEQ) has received your "Request for Environmental Assessment Statutory-Regulatory Compliance" determination request for the installation of a 30-inch Sewer Line in Diamondhead in Hancock County. Enclosed is a copy of MDEQ's CERCLA/Uncontrolled Sites File List that identifies sites within Hancock County that have potential contamination issues related to them. There are, however, many abandoned sites around the State that we are not aware of. An environmental site assessment may be necessary to evaluate potential recognized environmental conditions within the proposed project. If recognized environmental conditions are encountered, please contact me at 601-961-5388.

You can obtain additional information by accessing the following web addresses:

<http://www.epa.gov/enviro> (RCRA report and others)

<http://opc.deq.state.ms.us/default.aspx>

<http://muster.deq.state.ms.us/webreportapplication/ustsearchwf.aspx>

This project may be eligible for environmental site assessment assistance from MDEQ through the Targeted Brownfield Assessment (TBA) Program. (See attachment). Should you desire additional information on the application process for the TBA, please contact me at 601-961-5388.

Sincerely,

Andy McCain

Enclosures

OFFICE OF POLLUTION CONTROL

POST OFFICE BOX 2261 • JACKSON, MISSISSIPPI 39225-2261 • TEL: (601) 961-5171 • FAX: (601) 354-6612 • [www.deq.state.ms.us](http://www.deq.state.ms.us)

AN EQUAL OPPORTUNITY EMPLOYER

# Water and Sewer District Underground Sewer Line Repair FTN # 5115-020 Diamondhead, Hancock County, MS

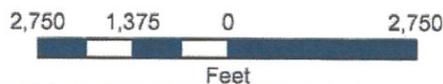


This map produced by the Department of Environmental Quality (MDEQ), Office of Pollution Control, Groundwater Assessment and Remediation Division (GARD) on 23 June 2011.

All map data is from the US Census Bureau, Mississippi Department of Transportation (MDOT), the United States Geological Survey (USGS), and MDEQ.

Map Projection: Mississippi Transverse Mercator

The Mississippi Department of Environmental Quality makes no warranties, expressed or implied, as to the accuracy, completeness, currentness, reliability, or suitability for any particular purpose, of the data contained on this map.



### Legend

- 30-inch Sewer Line
- Brownfield
- Uncontrolled Site
- Underground Storage Tank
- City





STATE OF MISSISSIPPI

HALEY BARBOUR

GOVERNOR

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

TRUDY D. FISHER, EXECUTIVE DIRECTOR

December 15, 2011

Mr. Michael Collard  
General Manager  
Diamondhead Water and Sewer District  
4425 Park Ten Drive  
Diamondhead, MS 39525

Dear Mr. Collard:

Re: Diamondhead Water and Sewer District  
Outfall Relocation  
Water Ref. No. MS0046078  
Hancock County

After reviewing your request for clarification of the Department's opinion for the relocation of the discharge point from Outfall 001 to Outfall 002, we offer the following response:

As you are aware the draft permit describes two separate outfall locations, not to be used concurrently. The current outfall location, Outfall 001, discharges into an unnamed channel thence Jourdan River. At the discharge flow of 1.25 MGD, the Standards, Modeling and TMDL Branch determined that the effluent limitations would need to be 2 - 1 - 6 (mg/l BOD<sub>5</sub>, Ammonia Nitrogen and Minimum Dissolved Oxygen) in order to maintain protective water quality in the receiving stream. A discharge of 2.5 MGD was determined to be unpermissible since the model resulted in violations of water quality standards at this flow. Therefore, a treated effluent discharge of 2.5 MGD at the discharge point, Outfall 001, does not appear to be a possible option for this wastewater treatment facility. Additionally, the Phase II limitations for a 1.25 MGD discharge appear to be significantly more stringent such that any proposed treatment upgrades would have difficulty consistently meeting compliance requirements.

The Standards, Modeling and TMDL Branch also performed a wasteload allocation review for a direct discharge, Outfall 002, of 1.25 MGD and 2.5 MGD into the Jourdan River. This WLA review resulted in 30 - 6 - 6 and 25 - 6 - 6 (mg/l BOD<sub>5</sub>, Ammonia Nitrogen and Minimum Dissolved Oxygen) effluent limitations for the respective discharge flows. Given the limitations for Outfall 002 appear more achievable than those anticipated for Outfall 001; it is the Department's opinion that the current discharge point could be relocated to the Outfall 002 location. This relocation would allow for more manageable limitations at the 1.25 MGD discharge and would allow the treated effluent flow to increase to 2.5 MGD once the necessary improvements were completed.

If you have any questions, please feel free to contact me at (601) 961 - 5604.

Sincerely,

Brent Jones, P.E.  
Municipal and Private Facilities Branch  
Environmental Permits Division

CC: Ms. Laura Sheeley, P.E., FTN Associates Ltd

13107 PER20100001

OFFICE OF POLLUTION CONTROL

POST OFFICE BOX 2261 • JACKSON, MISSISSIPPI 39225-2261 • TEL: (601) 961-5171 • FAX: (601) 354-6612 • www.deq.state.ms.us

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**MISSISSIPPI  
DEPARTMENT OF MARINE RESOURCES**

June 21, 2011

Eric F. Necaise  
FTN Associates Ltd.  
6508 Dogwood View Parkway, Suite B  
Jackson, MS 39213

RE: DMR-110459; FTN No. 5115-020; FTN No. 5115-020

Dear Mr. Necaise:

The Department of Marine Resources in cooperation with other state agencies is responsible under the Mississippi Coastal Program (MCP) for managing the coastal resources of Mississippi. Proposed activities in the coastal area are reviewed to insure that the activities are in compliance with the MCP.

The Department has received a request from Diamondhead Water and Sewer District to review the proposed construction of a new 30-inch-diameter underground sewer line and outfall structure in Hancock County in Mississippi. Please note that construction of sewer lines through wetlands, canals, or bayous is an activity that is regulated by this office as well as the U.S. Army Corps of Engineers. Based on your proposal wetlands will be impacted and an application form should be submitted to this office for review of the proposed project.

We ask that impacts to wetlands be avoided and minimized wherever possible. Crossing of creeks or bayous by directional drilling is preferable to more invasive installation methods as are temporary impacts with wetland restoration following line installation. Routes should be designed to avoid impacts to wetlands where practicable and to minimize impacts where unavoidable. Thank you for the opportunity to comment on your project.

For more information, questions concerning this correspondence, to obtain an application packet, or to schedule a pre-application meeting, contact Lynn Moore with the Bureau of Wetlands Permitting at (228) 523-4136 or [lynn.moore@dmr.ms.gov](mailto:lynn.moore@dmr.ms.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Willa J. Brantley", is written over a horizontal line.

Willa J. Brantley  
Bureau Director, Wetlands Permitting

WJB/lm

CC: Diamondhead Water and Sewer District ✓