



**US Army Corps
of Engineers**

Vicksburg District
4155 Clay Street
Vicksburg, MS 39183-3435
www.mvk.usace.army.mil



Public Notice

| | |
|-------------------------|---|
| APPLICATION NO.: | <u>MVK-2019-902</u> |
| EVALUATOR: | <u>Ms. Samantha Thompson</u> |
| PHONE NO.: | <u>(601) 631-5478</u> |
| E-MAIL: | <u>Samantha.H.Thompson@usace.army.mil</u> |
| DATE: | <u>March 5, 2020</u> |
| EXPIRATION: | <u>March 26, 2020</u> |

Interested parties are hereby notified that the U.S. Army Corps of Engineers, Vicksburg District and the Mississippi Department of Environmental Quality are considering an application for a Department of the Army Permit and State Water Quality Certification for the work described herein. Comments should be forwarded to the Vicksburg District, Attention: CEMVK-OD-F, and the Mississippi Department of Environmental Quality at Post Office Box 2261, Jackson, Mississippi 39225-2261, and must reach these offices by the cited expiration date.

Law Requiring a Permit: Section 404 of the Clean Water Act (33 U.S.C. 1344), which applies to discharges of dredged or fill material into waters of the United States.

Name of Applicant:
Mr. Jake Windham
City of Pearl
Post Office Box 5948
Pearl, Mississippi 39288

Name of Agent:
Mr. Brad Marler
Allen Engineering and Science
6360 I-55 North, Suite 330
Jackson, Mississippi 39211

Location of Work: Section 20, T5N-R2E, Latitude 32.26534, Longitude -90.12207, within the Middle Pearl-Strong River Drainage Basin (8-digit USGS HUC 03180002), Rankin County, Mississippi.

Description of Work: (See enclosed map and drawings.)

The following descriptions of the proposed project and associated impacts are based upon information provided by the applicant.

The applicant is applying for a Department of the Army permit to discharge dredged and/or fill material into jurisdictional waters of the United States for the construction of a detention basin and outlet structure.

The purpose of the proposed project is to construct the Pine Park Detention Pond to collect and release stormwater runoff to help alleviate downstream flooding. The proposed detention pond will have a surface area of approximately 7 acres with the top of bank being at an elevation of 305.5 feet. Three 24-inch x 54-foot long reinforced concrete pipes (RCP) with concrete headwalls would be installed to collect and release stormwater runoff into an existing drainage. Rip-rap would be placed at the end to prevent erosion and would also be placed on top of the three RCPs to serve as an emergency spillway.

The proposed project would result in the fill of 2.63 acres of jurisdictional wetlands and 1,485 linear feet of jurisdictional stream. The applicant proposes to mitigate for the unavoidable loss of jurisdictional impacts through the purchase of credits from a USACE approved mitigation bank that services the project area.

The vegetative communities within the project area are dominated by American sycamore, Southern red oak, water oak, sugarberry, loblolly pine, Chinese privet, American elm, Southern dewberry, trumpet creeper, Japanese climbing fern, roundleaf greenbrier, peppervine, blue mistflower, longleaf woodoats, poison ivy, muscadine, black willow, Chinese tallow, common rush, sawtooth blackberry, evening trumpetflower, Japanese honeysuckle, sweetgum, and bushy bluestem. Soils within the project site consists primarily of Kipling with an NRCS hydric component percentage rating of 5 and Providence with an NRCS hydric component percentage rating of 2.

Upon reviewing this notice, you should write to this office to provide your opinion of the impacts this work will have on the natural and human environment and address any mitigation you believe is necessary to offset these impacts. Other comments are welcome, but the above information will further our review of the applicant's plan as proposed. Comments of a general nature are not as helpful as those specific to the impacts of the subject project.

State Water Quality Permit: The State Pollution Control Agency must certify that the described work will comply with the State's water quality standards and effluent limitations before a Corps permit is issued.

Cultural Resources: The Regulatory Archaeologist has reviewed the latest published version of the National Register of Historic Places, state lists of properties determined eligible, and other sources of information. The following is current knowledge of the presence or absence of historic properties and the effects of the proposed undertaking upon these properties:

The permit area has been so extensively modified that little likelihood exists for the proposed project to impinge upon a historic property, even if present within the affected area.

Endangered Species: Threatened and Endangered Species for this area include the ringed map turtle, Gulf sturgeon, and Northern long-eared bat. Utilizing the Standard Local Operating Procedure for Endangered Species (SLOPES) as signed on June 28, 2017, between the U.S. Army Corps of Engineers, Vicksburg District and the U.S. Fish and Wildlife Service, the Corps has determined that the proposed activity would have no effect on the Gulf sturgeon and ringed map turtle, and may affect the Northern long-eared bat, but any resulting incidental take is not prohibited by the final 4(d) rule. This proposal is being coordinated with the U.S. Fish and Wildlife Service, and any comments regarding endangered species or their critical habitat would be addressed in our evaluation of the described work.

Floodplain: In accordance with 44 CFR Part 60 (Floodplain Management and Use), participating communities are required to review all proposed development to determine if a floodplain development permit is required. Floodplain administrators should review the proposed development described in this public notice and apprise this office of any flood plain development permit requirements. The project is not within the 100-year floodplain.

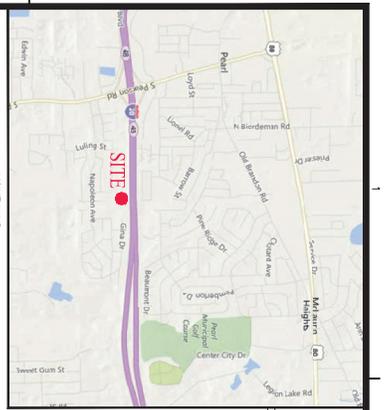
Evaluation Factors: The decision whether or not to issue a permit will be based upon an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which may be expected to accrue from the proposal must be balanced against its expected adverse effects. All factors which may be relevant to the proposal will be considered; among these are conservation, economics, aesthetics, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use classification, navigation, recreation, water supply, water quality, energy needs, safety, food requirements and, in general, the needs and welfare of the people. Evaluation of the proposed activity will include application of the guidelines published by the Environmental Protection Agency under authority of Section 404(b) of the Clean Water Act.

Public Involvement: The purpose of this notice is to solicit comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties. These comments will be used to evaluate the impacts of this project. All comments will be considered and used to help determine whether to issue the permit, deny the permit, or issue the permit with conditions, and to help us determine the amount and type of mitigation necessary. This information will be used in our Environmental Assessment or Impact Statement. Comments are also used to determine the need for a public hearing.

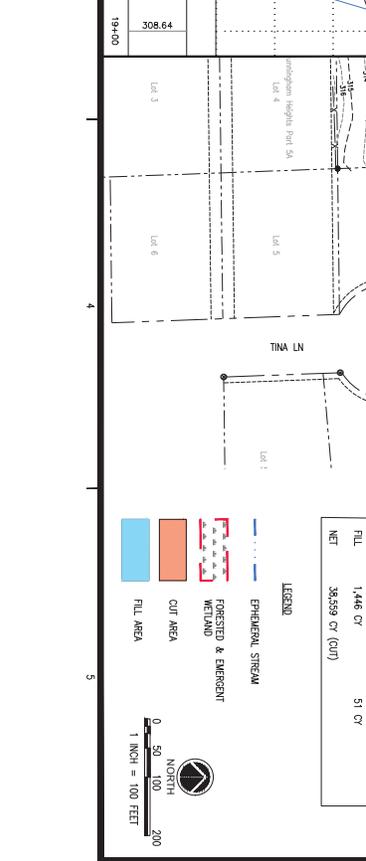
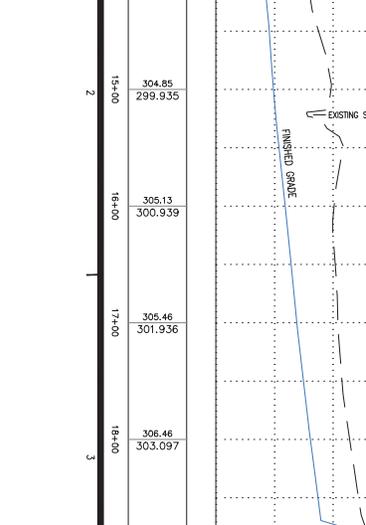
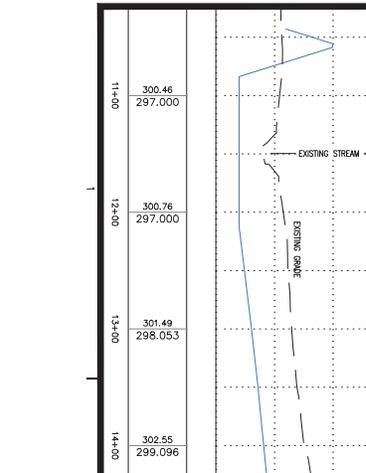
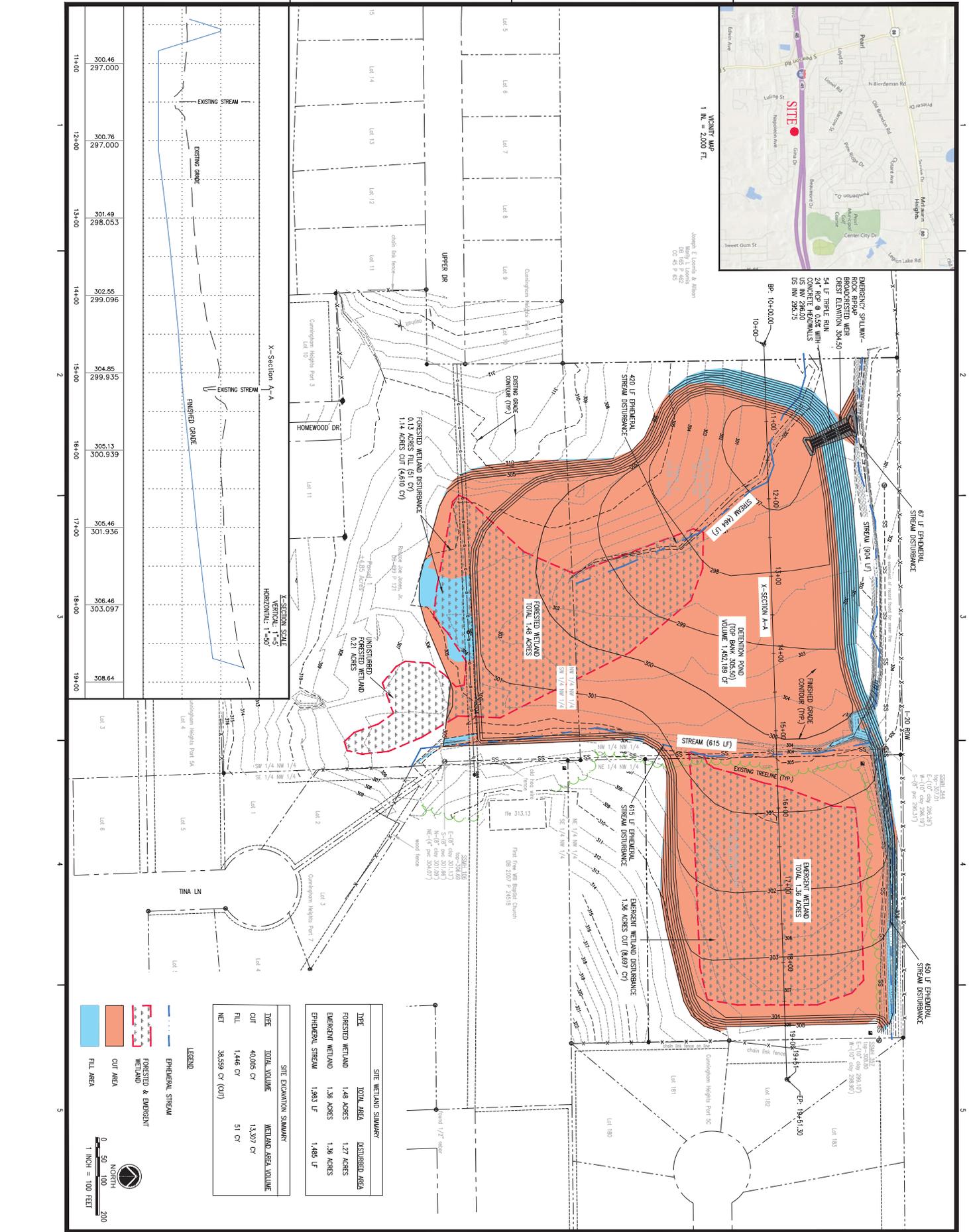
Opportunity for a Public Hearing: Any person may make a written request for a public hearing to consider this permit application. This request must be submitted by the public notice expiration date and must clearly state why a hearing is necessary. Failure of any agency or individual to comment on this notice will be interpreted to mean that there is no objection to the proposed work. Please bring this announcement to the attention of anyone you know who might be interested in this matter.

Notification of Final Permit Actions: Each month, the final permit actions from the preceding month are published on the Vicksburg District Regulatory web page. To access this information, you may follow the link from the Regulatory web page, <http://www.mvk.usace.army.mil/Missions/Regulatory.aspx>.

Thomas A. McCabe
Chief, Evaluation Section
Regulatory Branch



NOTARY SEAL
1 IN. = 42,000 FT.
Joseph E. Arnold & Allison
Notary Public
My Comm. Expires
02/26/18 P. 65



LEGEND

- EPHEMERAL STREAM
- FORESTED & EMERGENT WETLAND
- CUT AREA
- FILL AREA

SITE EXCAVATION SUMMARY

| TYPE | TOTAL VOLUME | WETLAND AREA VOLUME |
|------|-----------------|---------------------|
| CUT | 40,006 CY | 13,307 CY |
| FILL | 1,446 CY | 51 CY |
| NET | 38,559 CY (CUT) | |

SITE WETLAND SUMMARY

| TYPE | TOTAL AREA | DISTURBED AREA |
|------------------|------------|----------------|
| FORESTED WETLAND | 1.48 ACRES | 1.27 ACRES |
| EMERGENT WETLAND | 1.36 ACRES | 1.36 ACRES |
| EPHEMERAL STREAM | 1.983 LF | 1.488 LF |

1 of 1

DATE: 10/16/15
PROJECT: 15-016
SHEET: 01-12-30

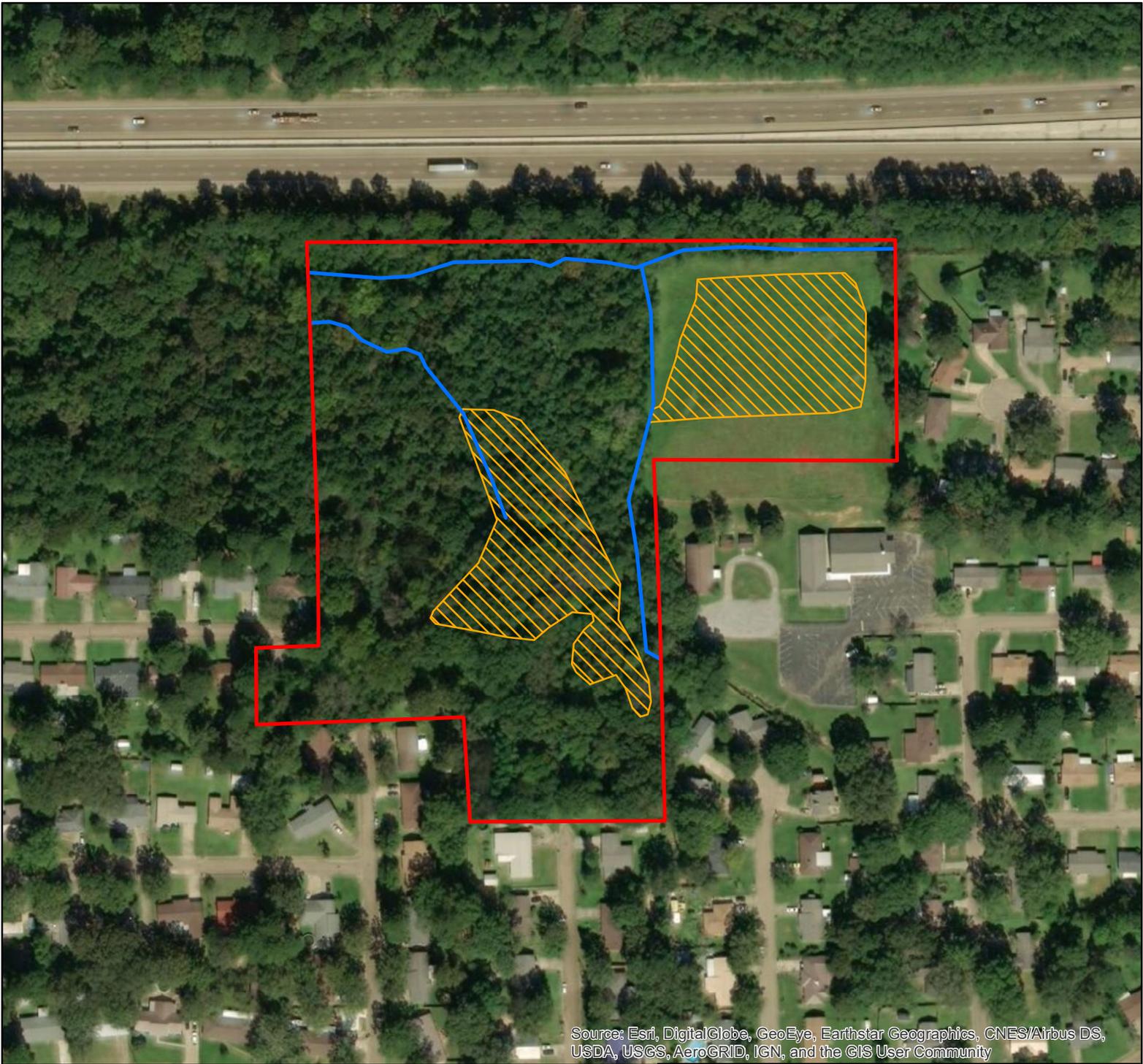
DESIGNED BY: NW
CHECKED BY: JJ

ISSUED TO: MWD
ISSUED BY: MWD

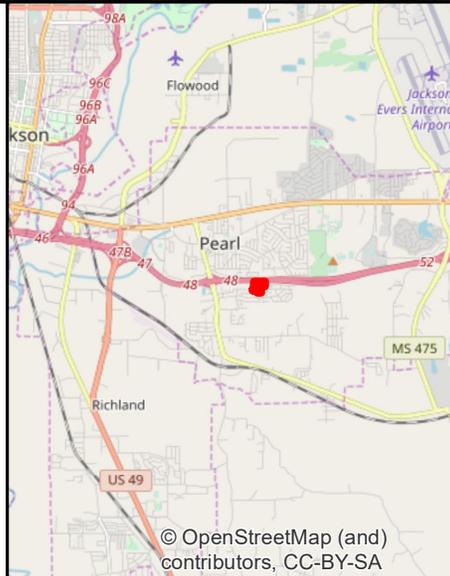
City of Pearl Drainage Improvements
Pine Park Sub-Basin
Free Will Baptist Church Detention Pond
Pearl, Mississippi

Pickering
Pickering Firm, Inc.
Facility Design • Civil Engineering • Surveying •
Transportation • Natural / Water Resources
2001 Airport Road, Suite 201
Flowood, MS 39232
601.956.3663

| NO. | DATE | BY | REVISION |
|-----|----------|----|--------------------|
| 1 | 10/16/15 | JJ | ISSUED FOR PERMITS |
| 2 | 01/12/20 | JJ | ISSUED FOR PERMITS |



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



US Army Corps of Engineers
Vicksburg District

MVK-2019-902

Preliminary Jurisdictional Determination

City of Pearl, Mississippi
Pine Park Detention Area
Rankin County, Mississippi



- Project Boundary
- Waters of the U.S.
- Wetlands

