



**US Army Corps
of Engineers**

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

Public Notice

APPLICATION NO.:	MVK-2023-00855
EVALUATOR:	Jennifer Brown
PHONE NO.:	(601)-631-5047
E-MAIL:	Jennifer.G.Brown@usace.army.mil
DATE:	September 23, 2024
EXPIRATION DATE:	October 14, 2024

Interested parties are hereby notified that the U.S. Army Corps of Engineers, Vicksburg District is considering an application for a Department of the Army Permit for the work described herein. Comments should be forwarded to the Vicksburg District, Attention: CEMVK-RD, 4155 East Clay Street, Vicksburg, Mississippi 39183-3435, and must reach this office by the cited expiration date.

The Clean Water Act (CWA) Section 401 Certification Improvement Rule (Certification Improvement Rule, 40 CFR 121), effective November 27, 2023, requires certification for any license or permit that authorizes an activity that has the potential to result in a discharge. The scope of a CWA Section 401 certification is limited to assuring that a discharge from a Federally licensed or permitted activity will comply with water quality requirements. As of the date of this public notice, the applicant has not submitted a certification request to the Louisiana Department of Environmental Quality (certifying authority). In accordance with Certification Rule part 121.6, once the applicant submits a certification request the Corps of Engineers will notify the certifying agency of the reasonable period of time for them to act upon the certification.

Law Requiring a Permit: Section 404 of the Clean Water Act (33 U.S.C. 1344), which applies to discharges of dredged and/or fill material into waters of the United States and Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), which applies to work and/or structures affecting navigable waters of the United States.

Name of Applicant:
Ms. Cassi Moore
Chesapeake Operating, LLC
6100 N. Western Avenue
Oklahoma City, Oklahoma 73118

Name of Agent:
Mr. Elliot Boudreaux
C.H. Fenstermaker & Associates
135 Regency Square
Lafayette, Louisiana 70508

Location of Work: The project site is 2.7 miles northwest from Highway 84 and approximately 10 miles northeast of Mansfield, DeSoto Parish, Louisiana. The project can be located on the U.S.G.S. quadrangle map titled: Bayou Pierre Lake, Louisiana. (32.091236 N, -93.547186 W) USGS 8-digit HUC 11140206.

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

The applicant is proposing impacts (fill) to 7.09 acres of Palustrine Forested (PFO) wetlands and to 0.30 acres (fill) of Palustrine Emergent (PEM) wetlands to facilitate the construction of CHK LA MIN 25-13-12 well pad and an access road in order to drill the CLM 25&24&13-13-12HC NO. 1, 2, & 3 ALT Wells. The proposed access road would be approximately 2,327 feet long by 40 feet wide. The proposed pad would be approximately 480 feet by 580 feet in size.

The applicant also proposes to withdraw water from Bayou Pierre to accomplish the exploration for the wells. The water withdrawal point would be at approximate location 32.078297, -93.510886. A temporary 10-inch diameter line would be installed on top of the ground (no new clearing required) to pull approximately 35,000,000 gallons of water for each well drilling event.

To compensate for the proposed wetland impacts, the applicant has purchased 84 compensatory mitigation wetland credits from a USACE Vicksburg District approved mitigation bank servicing the hydrologic unit code of the impacts, 8-digit HUC 11140206.

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 proposed activity has been reviewed by the Regulatory Staff Archeologist. The permit area is composed almost entirely of low-lying wetlands with no existing or subsided natural levee landforms: and therefore, has a very low potential for yielding unidentified cultural deposits that may be eligible for the National Register of Historic Places.

Endangered Species: The Threatened and Endangered Species list for the project area includes the red cockaded woodpecker (endangered), the northern long-eared bat (endangered) and the alligator snapping turtle (proposed for listing at threatened). Utilizing the Information for Planning and Consultation tool for Endangered Species in Louisiana (as per Memorandum of Agreement, signed on

January 14, 2020, between the U.S. Army Corps of Engineers, Vicksburg District and the U.S. Fish and Wildlife Service, Louisiana Ecological Services Office), the Corps has determined that the proposed activity would have no effect on the red cockaded woodpecker, and may affect, but would likely have an adverse effect on the northern long-eared bat. Further, the Corps project manager has determined that the proposed activity would not jeopardize the continued existence of the alligator snapping turtle.

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 area is located within the 100-year floodplain.

Evaluation Factors: The decision 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.

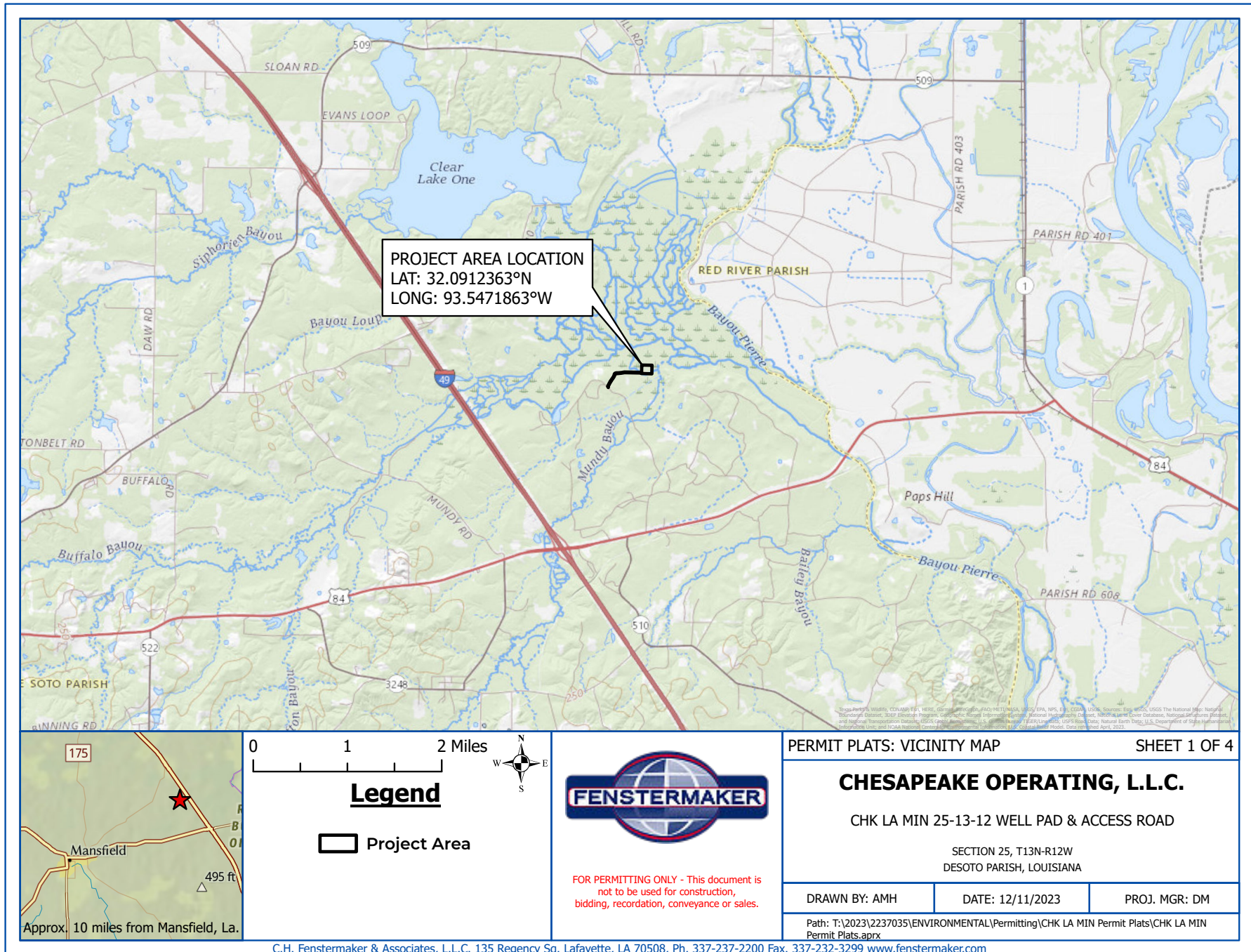
All factors which may be relevant to the proposal will be considered; among these are conservation, economics, aesthetics, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use classification, navigation, recreation, water supply, water quality, 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.

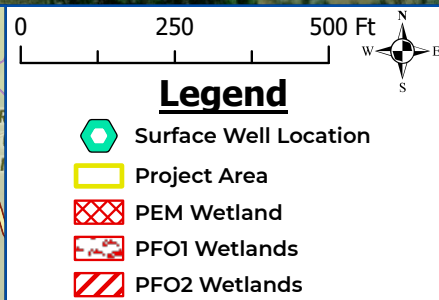
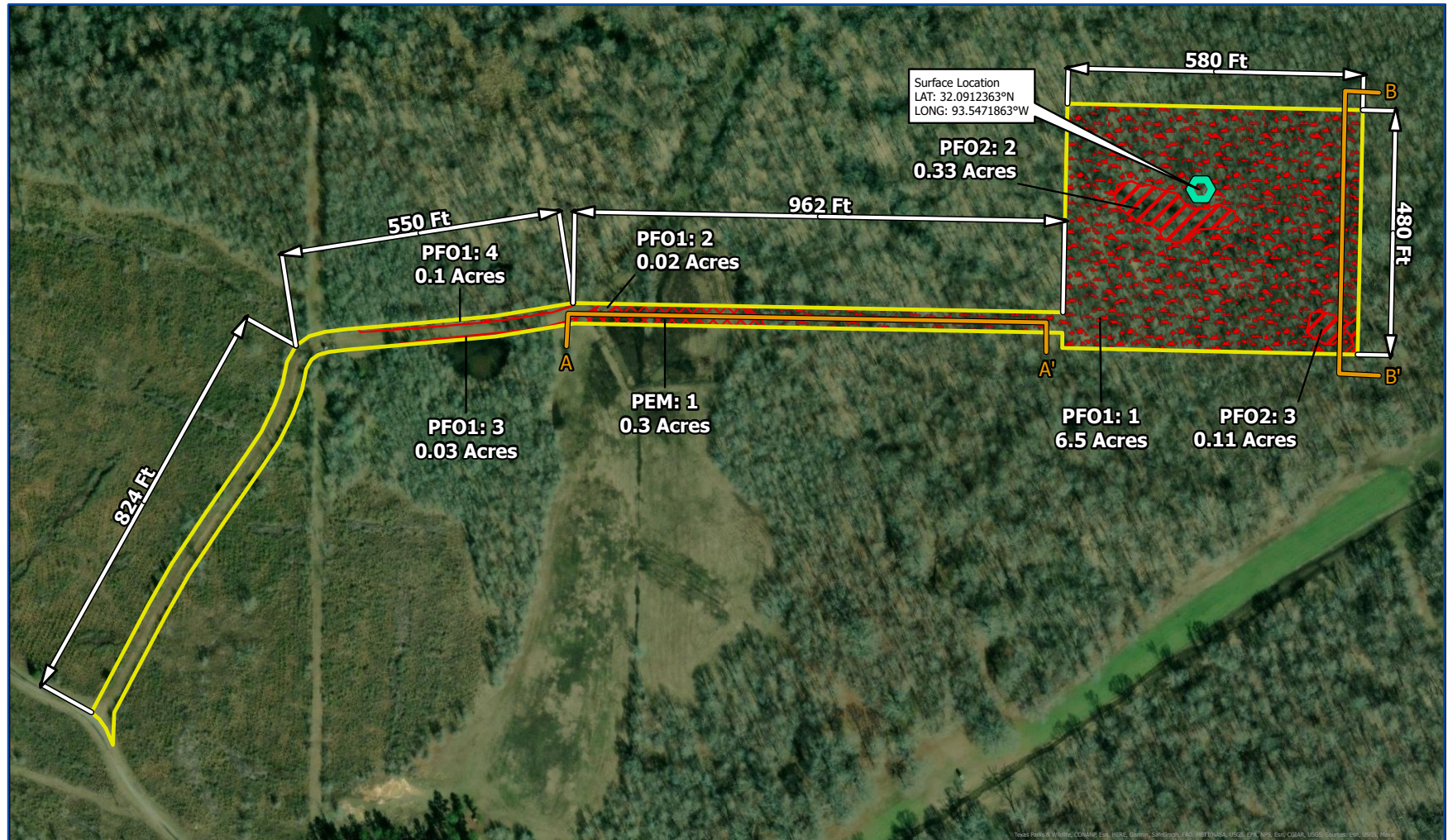
Public Involvement: The purpose of this notice is to solicit comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties. These comments will be used to evaluate the impacts of this project. All comments will be considered and used to help determine 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>.

**Andy Sanderson
Chief, Louisiana Branch
Regulatory Division**





FOR PERMITTING ONLY - This document is not to be used for construction, bidding, recordation, conveyance or sales.

PERMIT PLATS: DETAIL MAP

SHEET 2 OF 4

CHESAPEAKE OPERATING, L.L.C.

CHK LA MIN 25-13-12 WELL PAD & ACCESS ROAD

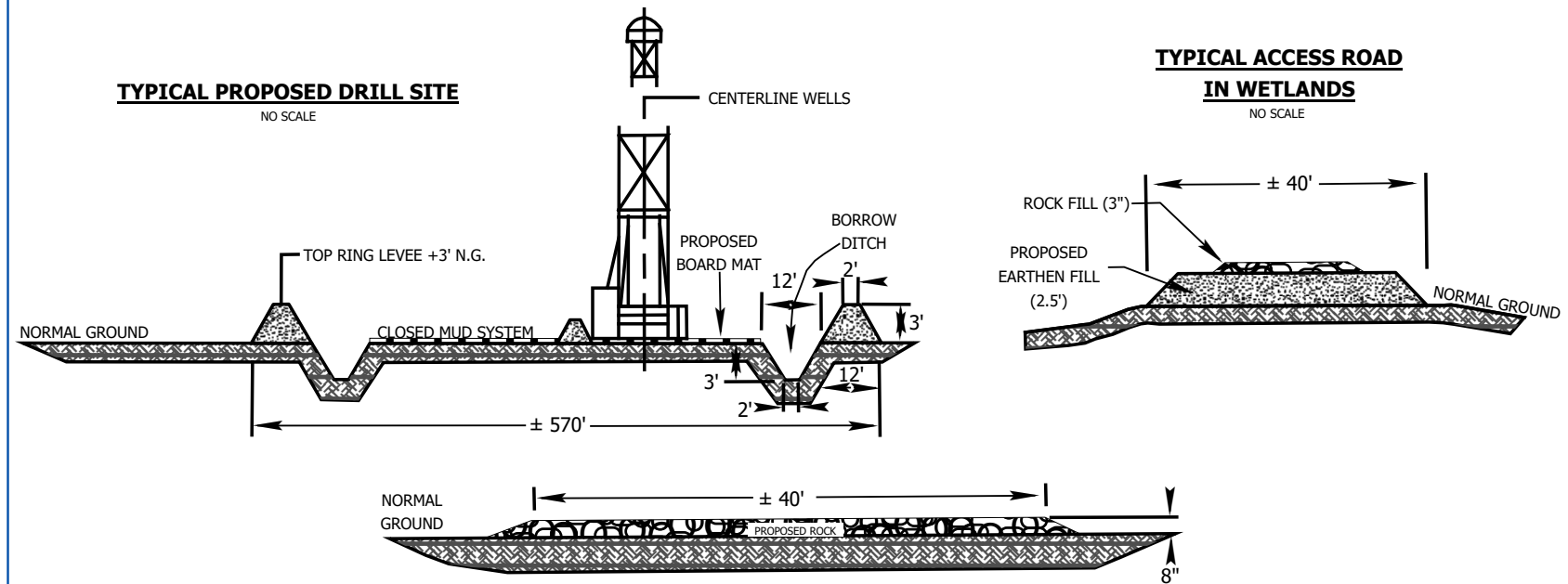
SECTION 25, T13N-R12W
DESOTO PARISH, LOUISIANA

DRAWN BY: AMH

DATE: 12/6/2023

PROJ. MGR: DM

Path: T:\2023\2237035\ENVIRONMENTAL\Permitting\CHK LA MIN Permit Plats\CHK LA MIN Permit Plats.aprx



TOTAL FILL IN PFO1 WETLANDS FROM PROPOSED ACCESS ROAD	2,802.3 CU. YDS.
TOTAL FILL IN PEM WETLANDS FROM PROPOSED ACCESS ROAD	1,215.04 CU. YDS.
TOTAL FILL IN PFO1 WETLANDS FROM PROPOSED PAD	23,970.32 CU. YDS.
TOTAL FILL IN PFO2 WETLANDS FROM PROPOSED PAD	1,807.47 CU. YDS.
TOTAL IMPACTS TO PFO1 WETLANDS FROM PROPOSED ACCESS ROAD	0.7 ACRES.
TOTAL IMPACTS TO PEM WETLANDS FROM PROPOSED ACCESS ROAD	0.3 ACRES.
TOTAL IMPACTS TO PFO1 WETLANDS FROM PROPOSED PAD	5.95 ACRES.
TOTAL IMPACTS TO PFO2 WETLANDS FROM PROPOSED PAD	0.44 ACRES.
TOTAL IMPACTS TO PFO1 WETLANDS FROM PROPOSED PAD & ACCESS	6.65 ACRES.
TOTAL IMPACTS TO PFO2 WETLANDS FROM PROPOSED PAD & ACCESS	0.44 ACRES.
TOTAL IMPACTS TO PEM WETLANDS FROM PROPOSED PAD & ACCESS	0.3 ACRES.

NOTES:

1. MATERIAL FOR DRILLSITE LEVEES WILL BE HAULED IN FROM AN OFF SITE LOCATION.
2. THE DRILLSITE AND RING LEVEES WILL BE DEGRADED WITHIN 90 DAYS FOLLOWING ABANDONMENT. THE MATERIAL WILL BE DEPOSITED TO THE EXTENT PRACTICABLE INTO THE BORROW AREAS FROM WHICH THE MATERIAL WAS EXCAVATED AND THE AREA LEVELED AND RESTORED TO AS NEAR PRE-PROJECT CONDITIONS AS PRACTICABLE.
3. IN THE EVENT THE WELL IS PRODUCTIVE, BOARDS MAY BE REPLACED WITH GRAVEL OR OTHER SUITABLE PERMITTING MATERIAL AND THE AREA RESTORED EXCEPT FOR THE MINIMUM AREA REQUIRED FOR PRODUCTION.
4. CLOSURE PROCEDURES, INCLUDING ONSITE LAND TREATMENT AND/OR OFFSITE DISPOSAL OF MUD PIT CONTENTS AND OTHER DRILLING RESIDUES, SHALL BE CONDUCTED IN ACCORDANCE WITH APPROPRIATE FEDERAL AND STATE REGULATIONS.
5. IN ORDER TO ENSURE THE SAFETY OF ALL PARTIES, THE PERMITTEE SHALL CONTACT THE LOUISIANA ONE CALL SYSTEM (1-800-272-3020), A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION (DIGGING, DREDGING, JETTING, ETC.) OR DEMOLITION ACTIVITY.
6. CLOSED MUD SYSTEM WILL BE USED.



FOR PERMITTING ONLY - This document is
not to be used for construction,
bidding, recordation, conveyance or sales.

DISCLAIMER:

At this time, C. H. Fenstermaker & Associates, L.L.C. has not performed nor was asked to perform any type of engineering, hydrological modeling, flood plain, or "No Rise" certification analyses, including but not limited to determining whether the project will impact flood hazards in connection with federal/FEMA, state, and/or local laws, ordinances and regulations. Accordingly, Fenstermaker makes no warranty or representation of any kind as to the foregoing issues, and persons or entities using this information shall do so at their own risk.

PERMIT PLATS: TYPICALS

SHEET 3 OF 4

CHESAPEAKE OPERATING LLC.

CHK LA MIN 25-13-12 WELL PAD & ACCESS ROAD

SECTION 25-13N-12W
DESOTO PARISH, LOUISIANA

DRAWN BY: AMH

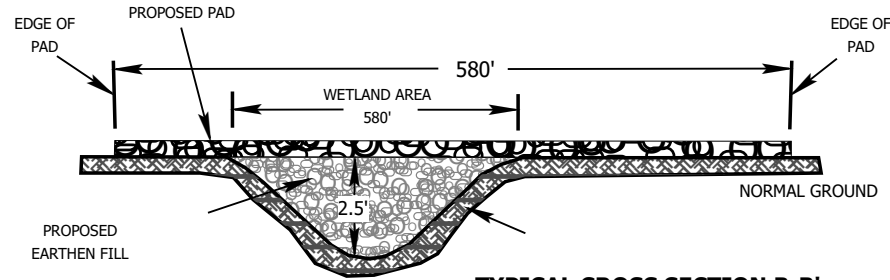
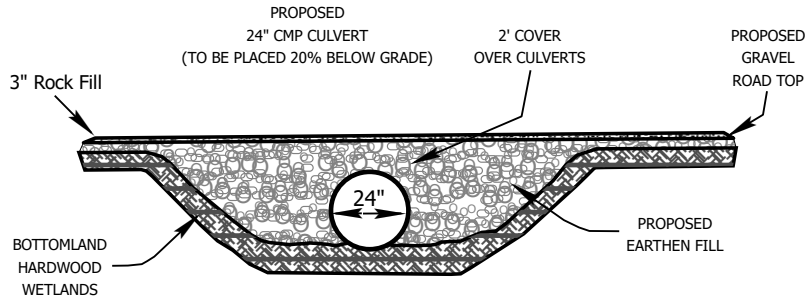
DATE: 12/12/23

PROJ. MGR: DM

Path: T:\2023\2237035\ENVIRONMENTAL\Permitting\CHK LA MIN Permit Plats\CHK LA MIN Permit Plats.aprx

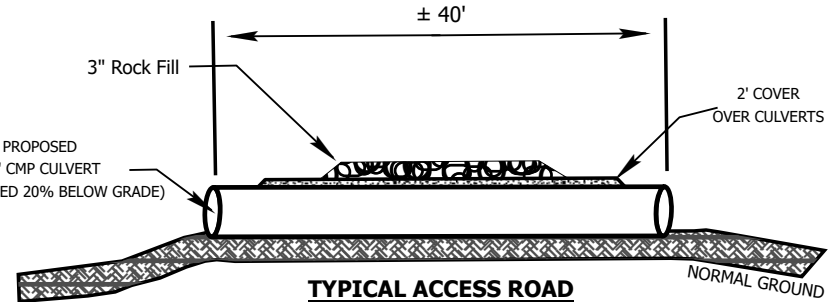
TYPICAL CROSS SECTION A-A'

NO SCALE



TYPICAL CROSS SECTION B-B'

NO SCALE



TYPICAL ACCESS ROAD IN WETLANDS

NO SCALE

TOTAL FILL IN PFO1 WETLANDS FROM PROPOSED ACCESS ROAD	2,802.3 CU. YDS.
TOTAL FILL IN PEM WETLANDS FROM PROPOSED ACCESS ROAD	1,215.04 CU. YDS.
TOTAL FILL IN PFO1 WETLANDS FROM PROPOSED PAD	23,970.32 CU. YDS.
TOTAL FILL IN PFO2 WETLANDS FROM PROPOSED PAD	1,807.47 CU. YDS.
TOTAL IMPACTS TO PFO1 WETLANDS FROM PROPOSED ACCESS ROAD	0.7 ACRES.
TOTAL IMPACTS TO PEM WETLANDS FROM PROPOSED ACCESS ROAD	0.3 ACRES.
TOTAL IMPACTS TO PFO1 WETLANDS FROM PROPOSED PAD	5.95 ACRES.
TOTAL IMPACTS TO PFO2 WETLANDS FROM PROPOSED PAD	0.44 ACRES.
TOTAL IMPACTS TO PFO1 WETLANDS FROM PROPOSED PAD & ACCESS	6.65 ACRES.
TOTAL IMPACTS TO PFO2 WETLANDS FROM PROPOSED PAD & ACCESS	0.44 ACRES.
TOTAL IMPACTS TO PEM WETLANDS FROM PROPOSED PAD & ACCESS	0.3 ACRES.

NOTES:

1. MATERIAL FOR DRILLSITE LEVEES WILL BE HAULED IN FROM AN OFF SITE LOCATION.
2. THE DRILLSITE AND RING LEVEES WILL BE DEGRADED WITHIN 90 DAYS FOLLOWING ABANDONMENT. THE MATERIAL WILL BE DEPOSITED TO THE EXTENT PRACTICABLE INTO THE BORROW AREAS FROM WHICH THE MATERIAL WAS EXCAVATED AND THE AREA LEVELED AND RESTORED TO AS NEAR PRE-PROJECT CONDITIONS AS PRACTICABLE.
3. IN THE EVENT THE WELL IS PRODUCTIVE, BOARDS MAY BE REPLACED WITH GRAVEL OR OTHER SUITABLE PERMITTING MATERIAL AND THE AREA RESTORED EXCEPT FOR THE MINIMUM AREA REQUIRED FOR PRODUCTION.
4. CLOSURE PROCEDURES, INCLUDING ONSITE LAND TREATMENT AND/OR OFFSITE DISPOSAL OF MUD PIT CONTENTS AND OTHER DRILLING RESIDUES, SHALL BE CONDUCTED IN ACCORDANCE WITH APPROPRIATE FEDERAL AND STATE REGULATIONS.
5. IN ORDER TO ENSURE THE SAFETY OF ALL PARTIES, THE PERMITTEE SHALL CONTACT THE LOUISIANA ONE CALL SYSTEM (1-800-272-3020), A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION (DIGGING, DREDGING, JETTING, ETC.) OR DEMOLITION ACTIVITY.
6. CLOSED MUD SYSTEM WILL BE USED.



FOR PERMITTING ONLY - This document is
not to be used for construction,
bidding, recordation, conveyance or sales.

DISCLAIMER:

At this time, C. H. Fenstermaker & Associates, L.L.C. has not performed nor was asked to perform any type of engineering, hydrological modeling, flood plain, or "No Rise" certification analyses, including but not limited to determining whether the project will impact flood hazards in connection with federal/FEMA, state, and/or local laws, ordinances and regulations. Accordingly, Fenstermaker makes no warranty or representation of any kind as to the foregoing issues, and persons or entities using this information shall do so at their own risk.

PERMIT PLATS: TYPICALS

SHEET 4 OF 4

CHESAPEAKE OPERATING LLC.

CHK LA MIN 25-13-12 WELL PAD & ACCESS ROAD

SECTION 25-13N-12W
DESOTO PARISH, LOUISIANA

DRAWN BY: AMH

DATE: 12/12/23

PROJ. MGR: DM

Path: T:\2023\2237035\ENVIRONMENTAL\Permitting\CHK LA MIN Permit Plats\CHK LA MIN Permit Plats.aprx