



**US Army Corps
of Engineers**

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



Public Notice

APPLICATION NO.:	CPM-MVK-2014-202
EVALUATOR:	Ms. Charlene Mosley
PHONE NO.:	(601) 631-5264
FAX NO.:	(601) 631-5459
E-MAIL:	Charlene.P.Mosley@usace.army.mil
DATE:	June 10, 2014
EXPIRATION DATE:	July 1, 2014

Interested parties are hereby notified that the U.S. Army Corps of Engineers, Vicksburg District and the Louisiana Department of Environmental Quality (LADEQ), Office of Environmental Services are considering an application for a Department of the Army permit and State water quality certification for the work described herein. A water quality certification is required in accordance with statutory authority contained in the Louisiana Revised Statutes of 1950, Title 30, Chapter 11, Part IV, Section 2074 A (93) and provisions of Section 401 of the Clean Water Act (P.L. 95 217). Comments should be forwarded to the Vicksburg District, Attention: CEMVK-OD-F, at the above address, and must reach this office by the cited expiration date. Also, comments concerning the application can be filed with the LADEQ, Office of Environmental Services within 20 days of this notice to the following address: Office of Environmental Services, Post Office Box 4313, Baton Rouge, Louisiana 70821-4313.

The Louisiana Department of Environmental Quality has additional information on file in their office in Baton Rouge which may be inspected at any time between 8:00 a.m. and 4:30 p.m. weekdays. Copies may be obtained from the Louisiana Department of Environmental Quality upon payment of cost of printing.

Law Requiring a Permit: Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), which applies to structures or work in navigable waters of the United States, and 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:
Ms. Whitney Green
Chesapeake Operating, Inc.
333 Texas Street, Suite 1104
Shreveport, Louisiana 71101

Name of Agent:
Mr. Matthew Williams
Fenstermaker & Associates, Inc.
401 Market Street, Suite 1300
Shreveport, Louisiana 71101

Location of Work: Section 14 and 23, T15N-R11W, latitude 32.278307N, longitude -93.472284W within the Red Chute drainage basin, Bossier Parish, Louisiana.

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

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

The applicant is applying for a Department of the Army permit for the mechanized land clearing and associated discharge of dredged and/or fill material into 6.49 acres of jurisdictional bottomland hardwood wetlands for the construction of 1 natural gas well site and an associated access road. The applicant's stated purpose is to produce and drill at Lott 23 & 14 & 11-15-11 No. 1H-3H Wells.

The proposed work would also include the withdrawing of water from the Red Chute Bayou. The proposed activity would require a 10-inch hydraulic fracturing aluminum pump. Approximately 450,000 barrels of water would be withdrawn to complete the hydraulic fracturing process for natural gas drilling.

The following is a breakdown of the activities associated with the construction:

- **Well Site** – The dimensions of the proposed well pad would be approximately 560 feet x 500 feet. The well pad would be covered with a total of approximately 3,127 cubic yards of rock fill and 5,212 cubic yards of earthen fill, which would come from a clean commercial source. The total well pad construction work would impact approximately 6.46 acres of jurisdictional bottomland hardwood wetlands.
- **Access Road** – An existing 30-foot x 5,575-foot access road would be upgraded. A new 30-foot x 49-foot portion of the access road would be constructed. The access road would be covered with a total of approximately 16 cubic yards of rock fill and 27 cubic yards of earthen fill, which would come from a clean commercial source. The proposed access road construction would impact approximately 0.03 acre of jurisdictional wetlands.

Dominant vegetation within some of the wetland areas consisted of Honey Locust, Red ash, Yellow nutsedge, Nuttall oak, and Needle spikerush. Hydric soil within this project consists of Moreland clay, occasionally and frequently flooded soil.

Mitigation for wetlands impacted by the construction activities would be in the form of purchasing credits from an approved mitigation bank within the same watershed as the proposed project.

The placement of dredged and/or fill material into waters of the United States, including wetlands, requires a Department of the Army Permit.

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, 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: No sites determined eligible for or listed on the National Register of Historic Places are within the proposed permit area. The permit area is composed of low-lying wetlands with no existing or subsided natural levee landforms: and therefore, has a low potential for yielding unidentified cultural deposits that maybe eligible for the National Register of Historic Places. Copies of this public notice have been sent to the State Historic Preservation Officer, Federally recognized Tribes, and other interested parties for comment on potential effects to historic properties that could result from the proposed activity.

Endangered Species: Our initial finding is that the proposed work would not likely adversely affect any endangered species or their critical habitat. This evaluation is being coordinated with the U.S. Fish and Wildlife Service, and any comments regarding endangered species or their critical habitat will be addressed in our evaluation of the described work.

Flood Plain: In accordance with 44 CFR Part 60 (Flood Plain Management and Use), participating communities are required to review all proposed development to determine if a flood plain development permit is required. Flood plain administrators should review the unauthorized activities described in this public notice and apprise this office of any flood plain development permit requirements.

Evaluation Factors: The decision whether or not to issue a permit will be based upon an evaluation of the probable impact of the unauthorized 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.

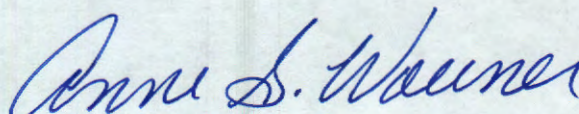
Public Involvement: The purpose of this notice is to solicit comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties. These comments will be used to evaluate the impacts of this project.

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/offices/od/odf/main.asp>, or go directly to the Final Permit Actions web page at [http://www.mvk.usace.army.mil/offices/od/odf/PubNotice/Monthly Notice/pnmain.asp](http://www.mvk.usace.army.mil/offices/od/odf/PubNotice/MonthlyNotice/pnmain.asp).



Anne S. Woerner
Chief, Evaluation Section
Regulatory Branch

29 May 2014
MVK-2014-202

Applicant:
Chesapeake Operating, Inc.
Proposed Work:
Commercial Construction
Location:
Sections 23 & 14, T14N-R11W
Bossier Point SW, LA Quadrangle
Bossier Parish, Louisiana

Map Background:
NAIP Aerial Imagery (2010)

**Preliminary
Jurisdictional Determination**

Prepared by:
Jim Cole



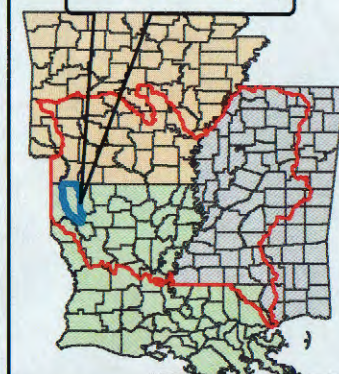
**US Army Corps
of Engineers**

Regulatory Branch

Enforcement Section



Bossier Parish, LA

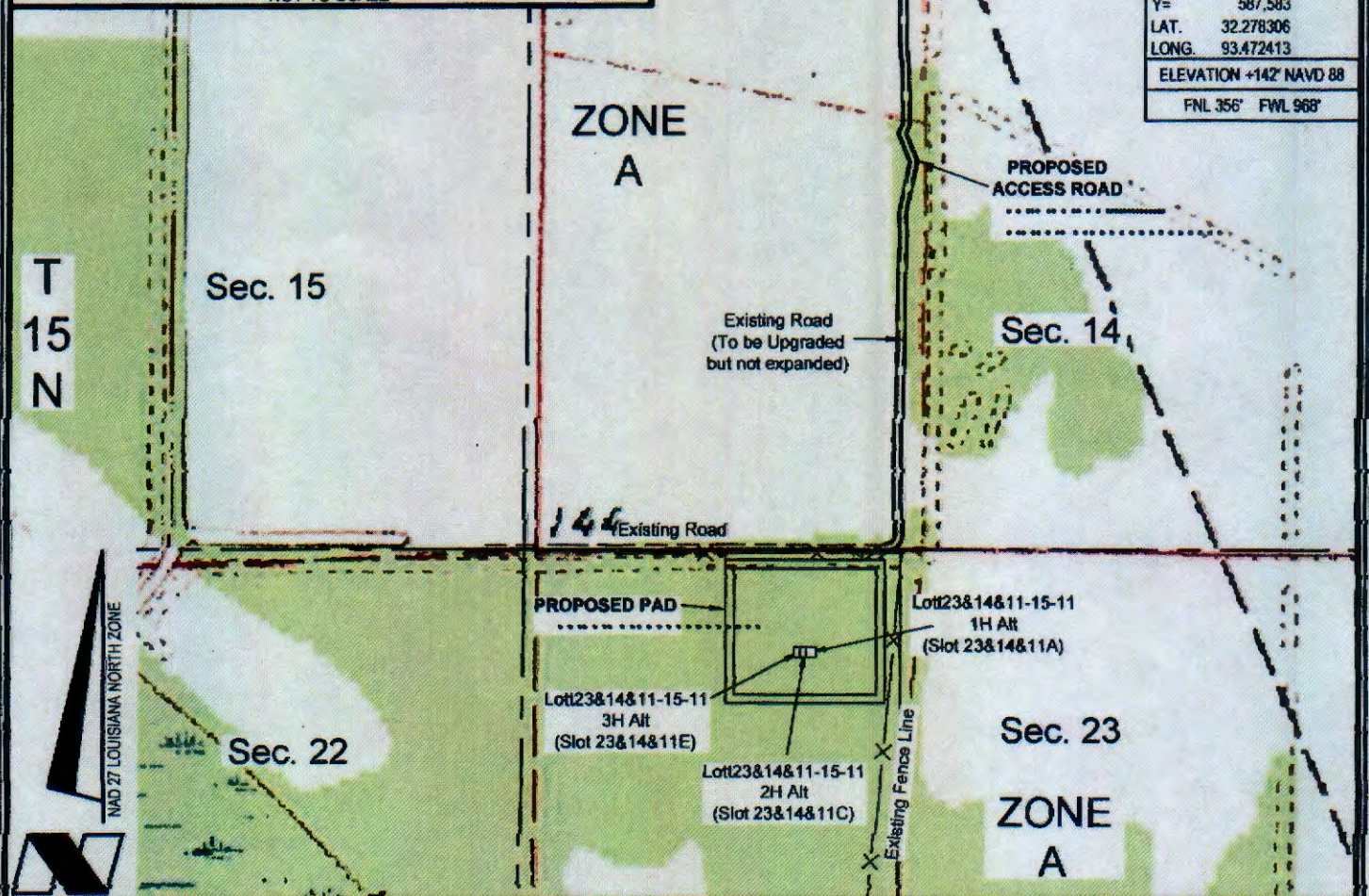


Legend

- | | |
|--|---|
|  Proposed Site |  Existing Road 5575 Linear Feet |
|  Impacted Bottomland Hardwood Wetland 6.46 Acres |  Proposed Road .03 Acres Jurisdictional |
|  Unimpacted Bottomland Hardwood Wetlands 5.67 Acres | |



R 11 W	
LOTT23&14&11-15-11 1H ALT	X= 1,699,508 NAD 27
	Y= 587,583
	LAT. 32.278307
	LONG. 93.472284
ELEVATION +142' NAVD 88	
FNL 356' FWL 1,008'	
LOTT23&14&11-15-11 2H ALT	
	X= 1,699,488 NAD 27
	Y= 587,583
	LAT. 32.278307
	LONG. 93.472348
ELEVATION +142' NAVD 88	
FNL 356' FWL 988'	
LOTT23&14&11-15-11 3H ALT	
	X= 1,699,468 NAD 27
	Y= 587,583
	LAT. 32.278306
	LONG. 93.472413
ELEVATION +142' NAVD 88	
FNL 356' FWL 968'	



NOTE: THE CONTENTS OF THESE PLANS ARE INTENDED EXCLUSIVELY FOR THE PURPOSE OF OBTAINING ENVIRONMENTAL COMPLIANCE PERMITS

VICINITY MAP

Scale: 1" = 600'

CHESAPEAKE OPERATING, INC.
 PROPOSED PAD, ACCESS & STRUCTURES
 LOTT23&14&11-15-11 NO. 1H-3H WELLS
 SECTIONS 14 & 23, T15N-R11W
 BOSSIER PARISH, LOUISIANA



Lafayette New Orleans Houston
 135 Regency Sq. Lafayette, LA 70508
 Ph. 337-237-2200 Fax. 337-232-3299
 www.fenstermaker.com

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 PROJ. MGR.: VHV
 FILENAME: T:2014

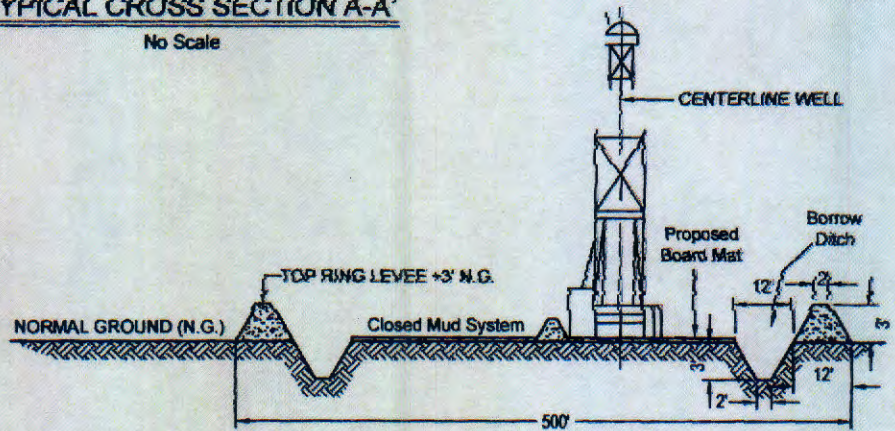
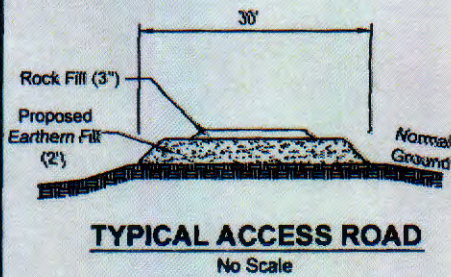
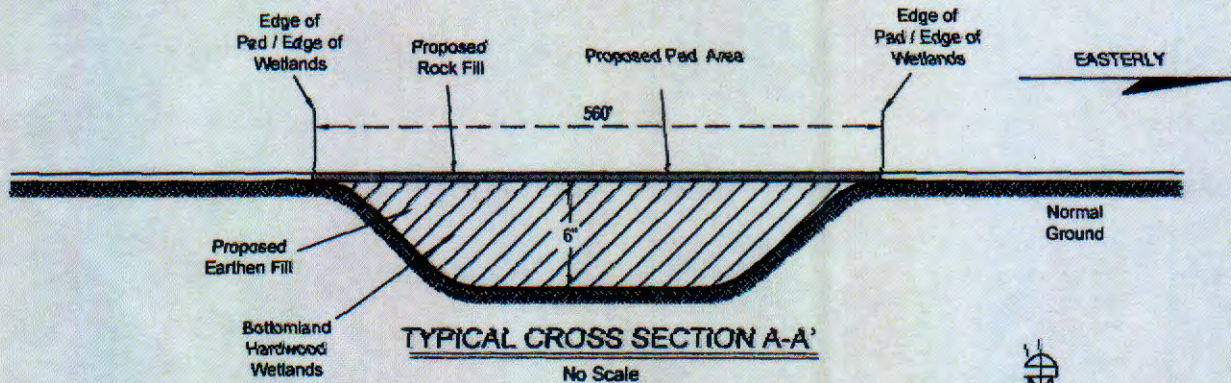
REVISED:

DATE: MARCH 31, 2014
 SHEET 1 OF 3 SHEETS

CEMVK-OD-FE CPM-MVK-2014-202

MR WHITNEY GREEN
 CHESAPEAKE OPERATING, INC

TOTAL ROCK FILL FOR PROPOSED PAD IN BOTTOMLAND HARDWOOD WETLANDS 3,127 CU.YDS.
 TOTAL EARTHEN FILL FOR PROPOSED PAD IN BOTTOMLAND HARDWOOD WETLANDS..... 5,212 CU.YDS.
 TOTAL AREA OF IMPACT FOR PROPOSED PAD IN BOTTOMLAND HARDWOOD WETLANDS 6.46 ACRES



NOTES:

1. Material for drillsite levees will be taken from within the leveed perimeter.
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 preproject 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 insure 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.

NOTE:
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 ENVIRONMENTAL COMPLIANCE PERMITS

CHESAPEAKE OPERATING, INC.

PROPOSED PAD, ACCESS & STRUCTURES
 LOTT23&14&11-15-11 NO. 1H-3H WELLS
 SECTIONS 14 & 23, T15N-R11W
 BOSSIER PARISH, LOUISIANA



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 www.fenstermaker.com

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 PROJ. MGR.: VHV
 FILENAME: T:12

REVISED:

DATE: MARCH 31, 2014

SHEET 3 OF 3 SHEETS

CEMVK-OD-FE CPM-MVK-2014-202

MR WHITNEY GREEN
 CHESAPEAKE OPERATING, INC



Peole Rd

Pull Point

SW

Bourgeois 13-15-11 H-1

Gorman 14-15-11 H-1

Proposed Pad Site

ott 23&14-11-15-11 2H Alt
5-11 3H Alt
tt 23&14&11-15-11 1H Alt

CEMVK-OD-FE CPM-MVK-2014-202

MR WHITNEY GREEN
CHESAPEAKE OPERATING, INC

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lat 32.281687° lon -93.462143° elev 0 ft

18/2012