



DEPARTMENT OF THE ARMY  
U.S. ARMY CORPS OF ENGINEERS, NEW ORLEANS DISTRICT  
7400 LEAKE AVENUE  
NEW ORLEANS LA 70118-3651

**February 21, 2023**

Regulatory Division  
Western Evaluation Branch

Project Manager:  
Amy Oestringer  
(504) 862-2272  
Amy.l.oestringer@usace.army.mil

Application #: MVN-2022-00688 WQQ

## **PUBLIC NOTICE**

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the U.S. Army Corps of Engineers pursuant to: [ ] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [ **X** ] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344), and/or [ ] Section 14 of the Rivers and Harbors Act of 1899 (33 U.S.C. Section 408).

### **COULEE MINE EASTBANK REGIONAL DETENTION FACILITY IN LAFAYETTE PARISH**

**NAME OF APPLICANT:** Lafayette Parish Government, Attn: Angela Bergeron, Post Office Box 4017-C, Lafayette, Louisiana, 70502.

**LOCATION OF WORK:** Located North of Prejean Road and west and adjacent to Pelican Park, in Carencro, Louisiana, in Lafayette Parish (latitude 30.313889°; Longitude -92.059722°), as shown within the attached drawings. (Hydrologic Unit Code 08080103, within the Vermilion- Teche River Basin)

**CHARACTER OF WORK:** To construct three detention ponds, an inflow channel, three earthen spillways, and a recreational walking trail. The project has been designed to reduce flooding for Pinnacle Point and Mark Ridge Park residential subdivisions, and reduce road closures due to frequent flooding. The construction of a walking trail will connect to Pelican Park to provide recreational opportunities for residents. Clearing and excavation are proposed for the creation of the ponds, channels and spillway, permanently impacting approximately 21.7 acres of bottomland hardwood wetland habitat and 0.4 of an acre of herbaceous wetland habitat. The proposed clearing and filling for the creation of a recreational walking trail will impact approximately 0.3 of an acre of bottomland hardwood wetland habitat. If a Department of the Army permit is warranted, the applicant has proposed to mitigate unavoidable wetlands impacts at an approved and acceptable mitigation bank within the N.O. District.

The comment period on the requested Department of the Army Permit will close **20 days** from the date of this public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit request, and must be submitted so as to be received before or by the last day of the comment period. Letters and/or comments concerning the subject permit application must reference the Applicant's Name and the Permit Application Number and can be preferably emailed to the Corps of Engineer's project manager listed above or forwarded to the Corps of Engineers at the address above, **ATTENTION: REGULATORY DIVISION, RGW, Amy Oestringer**. Individuals or parties may also request an extension of time in which to comment on the proposed work by mail or preferably by emailing the specified project manager listed above. Any request for an extension of time to comment must be specific and substantively supportive of the requested extension and received by this office prior to the end of the initial comment period. The Branch Chief will review the request and the requester will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous and inclusive of the initial comment period and will not exceed a total of 30 calendar days. This public notice is also available for review online at: <https://www.mvn.usace.army.mil/Missions/Regulatory/Public-Notices/>

### **Corps of Engineers Permit Criteria**

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers is soliciting comments from the public, federal, state, and local agencies and officials, Indian Tribes, and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the U.S. Army Corps of Engineers to determine whether to make, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

The New Orleans District is presently unaware of properties listed on the National Register of Historic Places at or near the proposed work but is pending further review in accordance with the National Historic Preservation Act. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. As deemed necessary, copies of this public notice will be sent to the State Archeologist, State Historic Preservation Officer, and federally listed tribes regarding potential impacts to cultural resources.

Our initial finding is that the proposed work would neither affect any species listed as endangered by the U.S. Departments of Interior or Commerce, nor affect any habitat designated as critical to the survival and recovery of any endangered species. Based on the Information Planning and Consultation (IPaC) tool for Endangered Species in Louisiana, as signed on January 27, 2020, between the U.S. Army Corps of Engineers, New Orleans and the U.S. Fish and Wildlife Service, it has been determined that the project would have no effect to any listed species.

Our initial finding is that the proposed work would have no effect on any species listed as endangered by the U.S. Department of Commerce, nor affect any habitat designated as critical to the survival and recovery of any such species.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal may result in the destruction, alteration, and/or disturbance of **0 acres** of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. *Also, a certification that the proposed activity will not violate applicable water quality standards will be required from the Louisiana Department of Environmental Quality before a Department of the Army permit could be issued.*

Any person may request within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state with particularity, the reasons for holding a public hearing, and can be preferably emailed to the USACE project manager listed above or mailed to the address listed above.

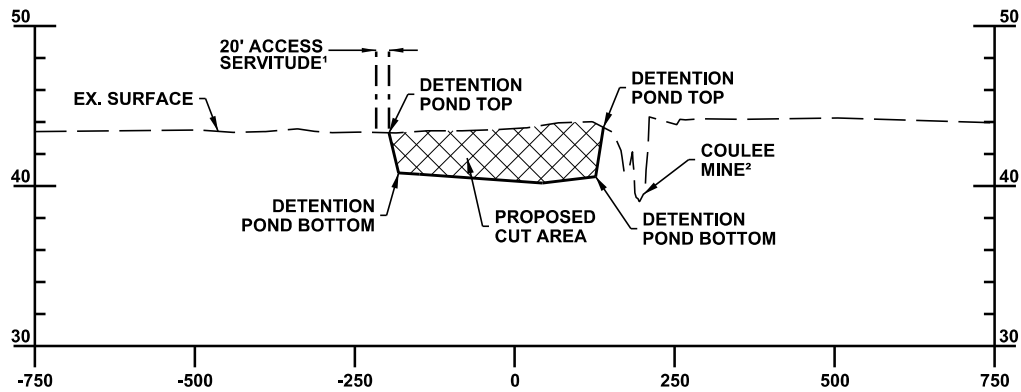
You are invited to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

Darrell S. Barbara  
Chief, Western Evaluation Branch  
Regulatory Division

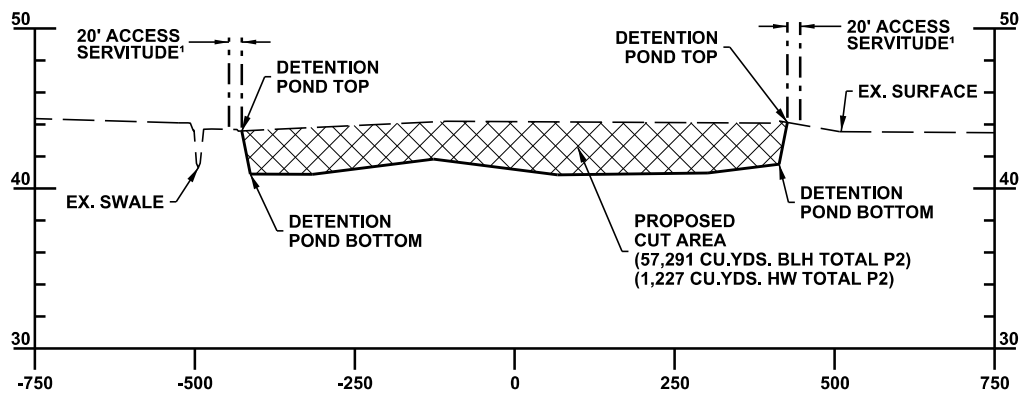




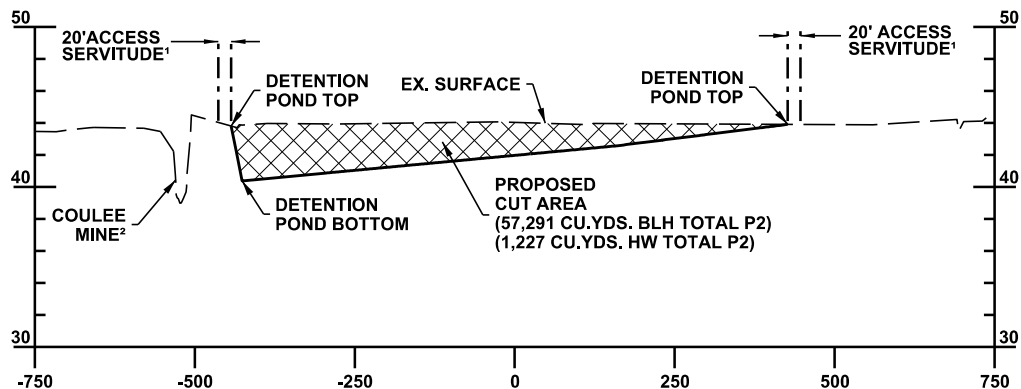




**SECTION P - P'**  
(POND 1)  
**NOT WITHIN WETLAND AREA**  
SCALE: N.T.S.  
¹LIMITED CLEARING AND NO FILL ADDED  
²EXISTING CHANNEL TO REMAIN



**SECTION A - A'**  
(POND 2)  
SCALE: N.T.S.  
¹LIMITED CLEARING AND NO FILL ADDED



**SECTION A2 - A2'**  
(POND 2)  
SCALE: N.T.S.

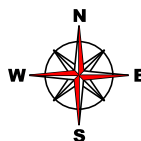
¹LIMITED CLEARING AND NO FILL ADDED

**TOTAL CUT VOLUME WITHIN WETLAND AREA**  
PROPOSED CUT VOLUMES:  
BLH CUT = 87,515 CU. YDS.  
HW CUT = 1,227 CU. YDS.

NOTE: CUT AND FILL VOLUMES  
ESTIMATED BETWEEN LIDAR SURVEY  
(CHF 8.23.2021) AND PROPOSED  
ELEVATIONS USING VOLUME  
TRIANGULATION TOOLS IN BENTLEY  
INROADS.



C. H. FENSTERMAKER & ASSOCIATES, L.L.C.  
135 REGENCY SQUARE, LAFAYETTE, LA 70508  
PHONE: (337) 237-2200 FAX: (337) 232-3299



SCALE: N.T.S.

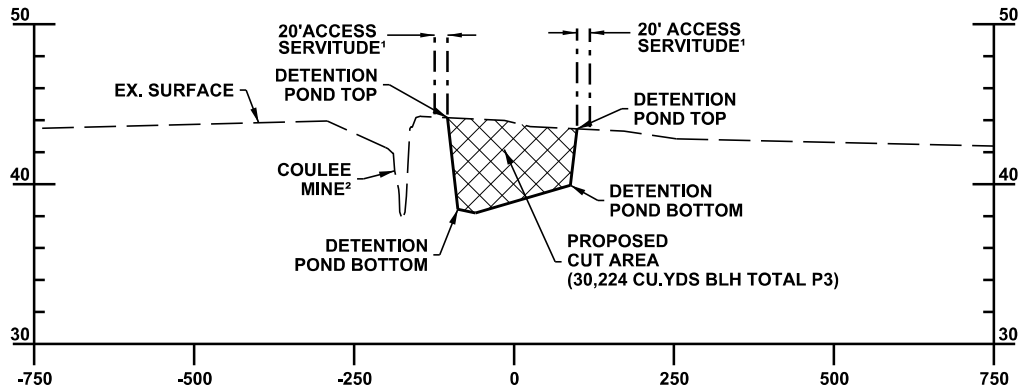
COULEE MINE EAST REGIONAL  
DETENTION FACILITY

**Figure 2**  
**CROSS SECTIONS**

SECTION 33, T8S - R4E  
LAFAYETTE PARISH, LOUISIANA

January 3, 2023

**PRELIMINARY**  
NOT TO BE USED FOR CONSTRUCTION, BIDDING,  
RECORDATION, CONVEYANCE, SALES, OR AS  
THE BASIS FOR THE ISSUANCE OF A PERMIT.  
ENGINEER: GRANT A. BESSE  
LICENSE NUMBER: 43766

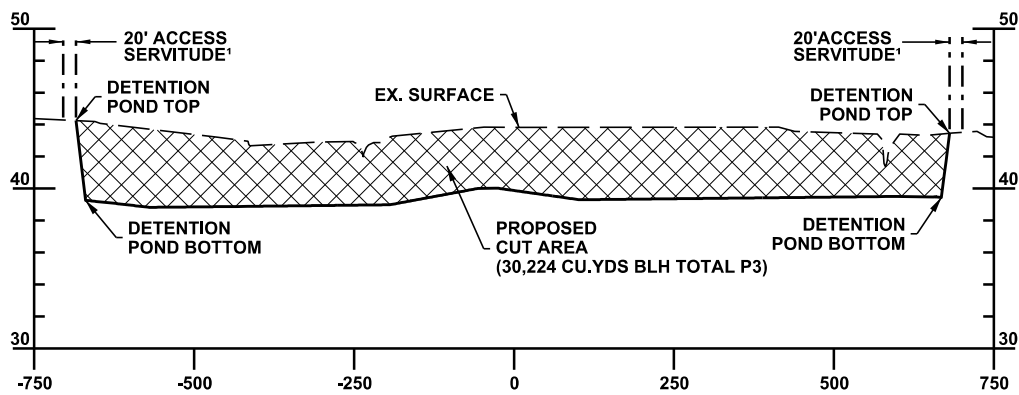


**SECTION B - B'**  
**(POND 3)**

SCALE: N.T.S.

<sup>1</sup>LIMITED CLEARING AND NO FILL ADDED

<sup>2</sup>EXISTING CHANNEL TO REMAIN

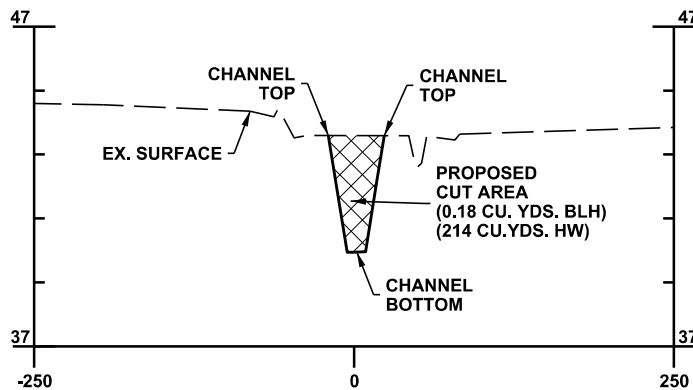


**SECTION B2 - B2'**  
**(POND 3)**

SCALE: N.T.S.

<sup>1</sup>LIMITED CLEARING AND NO FILL ADDED

<sup>2</sup>EXISTING CHANNEL TO REMAIN



**SECTION D - D'**  
**(POND 2 INFLOW CHANNEL)**

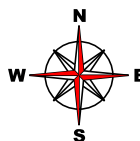
SCALE: N.T.S.

**TOTAL CUT VOLUME WITHIN WETLAND AREA**  
PROPOSED CUT VOLUMES:  
BLH CUT = 195.18 CU. YDS.  
HW CUT = 214 CU. YDS.

NOTE: CUT AND FILL VOLUMES  
ESTIMATED BETWEEN LIDAR SURVEY  
(CHF 8.23.2021) AND PROPOSED  
ELEVATIONS USING VOLUME  
TRIANGULATION TOOLS IN BENTLEY  
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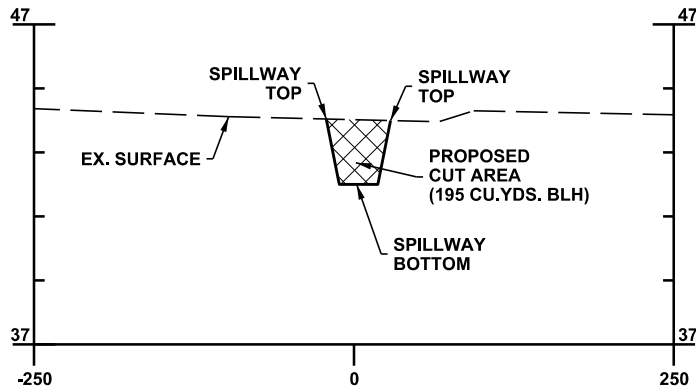
COULEE MINE EAST REGIONAL  
DETENTION FACILITY

**Figure 3**  
**CROSS SECTIONS**

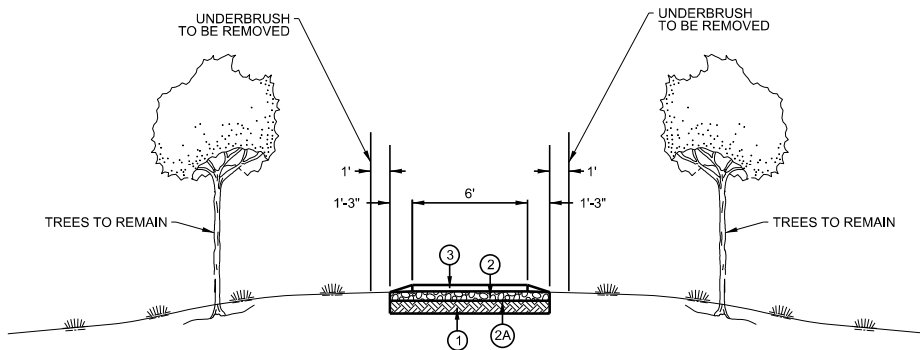
SECTION 33, T8S - R4E  
LAFAYETTE PARISH, LOUISIANA

January 3, 2023

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LICENSE NUMBER: 43766



**SECTION E - E'**  
**(POND 2 SPILLWAY)**  
SCALE: N.T.S.



**WALKING PATH TYPICAL SECTION**  
SCALE: N.T.S.

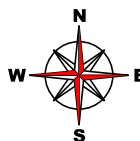
- ① EXISTING SUBGRADE - REMOVE VEGETATION, SMOOTH AND COMPACT.
- ② 4" AGGREGATE BASE, SLIGHT CROWN TO PROMOTE DRAINAGE (#57 LESTONE)
- 2A 60Z, NON-WOVEN GEOTEXTILE (CLASS D)
- ③ GROUNDPRO GRV(GRAVEL PAVER UNIT) OR APPROVED EQUAL (TO BE INSTALLED PER MANUFACTURERS RECOMMENDATION) (BACKFILL PAVER UNITS WITH PEA GRAVEL (1½") OR COARSE GRADED SAND)

**TOTAL CUT VOLUME WITHIN WETLAND AREA**  
PROPOSED CUT VOLUMES:  
BLH CUT = 195.18 CU. YDS.  
HW CUT = 214 CU. YDS.

NOTE: CUT AND FILL VOLUMES  
ESTIMATED BETWEEN LIDAR SURVEY  
(CHF 8.23.2021) AND PROPOSED  
ELEVATIONS USING VOLUME  
TRIANGULATION TOOLS IN BENTLEY  
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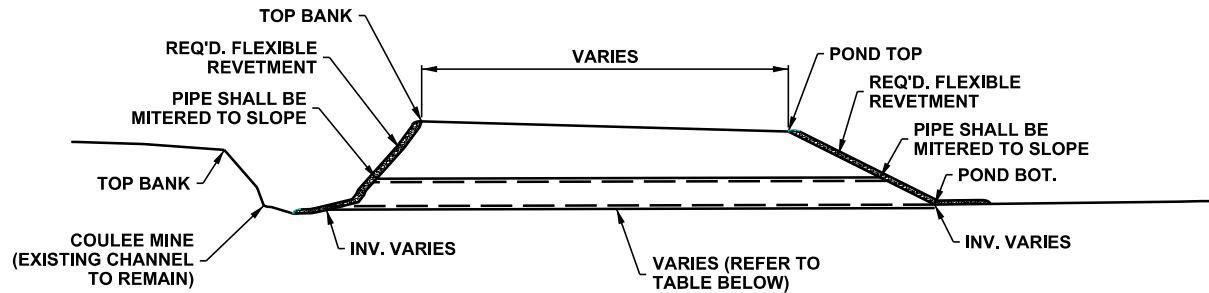
COULEE MINE EAST REGIONAL  
DETENTION FACILITY

**Figure 4**  
**CROSS SECTIONS**

SECTION 33, T8S - R4E  
LAFAYETTE PARISH, LOUISIANA

January 3, 2023





### OUTFALL TYPICAL SECTION

SCALE: N.T.S.  
SEE TABLE BELOW

### SUMMARY OF OUTFALL SECTIONS

POND	OUTFALL SECTION	SIZE	LENGTH	ELEVATION	SLOPE	REVETMENT	REVETMENT AREA (sqyd)
1	C	18"	73'	*39.21'	-0.25%	FLEXIBLE	30
2	C1	18"	95'	*39.50'	-0.10%	FLEXIBLE	41
2	D1	24"	93'	*39.45'	-0.10%	FLEXIBLE	31
3	C2	18"	86'	*37.82'	-0.15%	FLEXIBLE	46
3	D2	24"	86'	*37.82'	-0.10%	FLEXIBLE	40

\* INDICATES POND'S OUTFALL ELEVATION

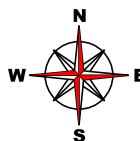
#### TOTAL PIPE & BEDDING VOLUME

PIPE = 38 CU. YDS.  
BEDDING = 68 CU. YDS.

NOTE: CUT AND FILL VOLUMES ESTIMATED BETWEEN LIDAR SURVEY (CHF 8.23.2021) AND PROPOSED ELEVATIONS USING VOLUME TRIANGULATION TOOLS IN BENTLEY INROADS.



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COULEE MINE EAST REGIONAL  
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### Figure 5 CROSS SECTIONS

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