



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

CESAM-RD-M
PUBLIC NOTICE NO. SAM-2023-01095-RCV

January 9, 2024

JOINT PUBLIC NOTICE

U.S. ARMY CORPS OF ENGINEERS (USACE)

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF POLLUTION CONTROL (MDEQ)**

**MISSISSIPPI DEPARTMENT OF MARINE RESOURCES
DMR23-000705**

**PROPOSED MAINTENANCE DREDGING FOR SAINT MARTIN BAYOU IN WEST
JACKSON COUNTY, MISSISSIPPI**

TO WHOM IT MAY CONCERN:

This District has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 USC 403), Section 404 of the Clean Water Act (33 USC 1344), Please communicate this information to interested parties.

APPLICANT: Jackson County Board of Supervisors
915 Canty Street, Suite H
Pascagoula MS 39568

WATERWAY AND LOCATION: The project is located at Lorraine Circle Bayou which is an existing navigational channel located off the Saint Martin Bayou, West Jackson County, St. Martin, Mississippi; Starting at Latitude 30.431442, Longitude: 88.873414 And ending at Latitude 30.430356, Longitude: 88.878194.

PROPOSED WORK: The project would include the mechanical dredging of silt and sandy silt from Lorraine Circle Bayou at the following alignment:

- **Alignment** = 1,779 LF Long, Sta. 0+00 - 17+79 x 15' Wide @ -5' MLLW Depth with 3:1 Side Slopes with an estimate of 5,600 CY of dredge material

The channel width is 15' subject to the existing width of bayous. The current depths range from approximately -2' MLLW to -6' MLLW. Areas of alignments deeper than -5' MLW will not be dredged.

Dredging will be performed via mechanical equipment and barged to an approved disposal site. If required, a Sediment Testing Plan of the proposed dredge material will be prepared and submitted to the Mississippi Department of Marine Resources for

review and approval. Upon approval, sediment testing shall be completed for determination of suitability for disposal in in the proposed Deer Island site MDMR Beneficial Use Disposal Site. If this site is not available at the time of permitting, material may be disposed of at the Harrison County Development Commission Disposal Area C-1 located in the Industrial Seaway (DMR Permit #070158 MDEQ # 24320 & WQC 20120001) or at an approved upland Class I or Class II Rubbish Disposal Site or other Site deemed acceptable to receive such dredge spoils. If an upland site is used, the dredge material, mostly silt and sandy silt, may require dewatering and said location shall be identified at such time Contractor has been awarded the project. No dredge material will be deposited in the waterway or along the shoreline. The permitting agencies will be notified of disposal location prior to work commencing.

COASTAL ZONE: The applicant has applied for coastal zone (CZ) consistency in accordance with the State Coastal Zone Management Program. A determination relative to CZ consistency will be made by the Mississippi Department of Marine Resources.

WATER QUALITY: The Clean Water Act (CWA) Section 401 Certification Rule (Certification Rule, 40 CFR 121), requires certification for any license or permit that authorizes an activity that may result in a discharge. The applicant is responsible for requesting certification and providing required information to the certifying agency. As of the date of this public notice, the applicant has not submitted a certification request to the Mississippi Department of Environmental Quality (certifying authority).

HISTORIC PROPERTIES: In accordance with Section 106 of the National Historic Preservation Act, and Appendix C of 33 CFR 325, the undertaking defined in this notice is being considered for the potential to affect historic properties. In accordance with Appendix C of 33 CFR 325, the Corps has determined the permit area consists of the dredging area. The National Register of Historic Places will be consulted for properties listed, or eligible for listing, in the National Register, which are known to exist and would be affected by the proposed work. The Mobile District is seeking comments regarding the existence, or the potential for existence, of significant cultural and historic properties within the permit area. At this time, the USACE, Mobile District has made no determination regarding potential effects of the project on cultural/historic resources. Further coordination with the State Historic Preservation Officer and/or federally-recognized American Indian tribes will be performed as determined to be appropriate.

ENDANGERED SPECIES: Preliminary review of this application and the U.S. Department of the Interior's List of Endangered and Threatened Wildlife and Plants indicate the following federally-listed species are known or expected to occur within the project area: *Alabama Red-bellied Turtle (E)*, *West Indian Manatee (T)*, *Wood Stork (T)*, *Loggerhead Sea Turtle(E)*, and *Gulf Sturgeon (T)*. There is no designated critical habitat within the project action area. At this time, the USACE, Mobile District has made no determination regarding potential effects of the project on the above-listed species. Further coordination with the U.S. Fish and Wildlife Service (USFWS) and NMFS will be

performed as determined to be appropriate.

ESSENTIAL FISH HABITAT: This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The proposed project would impact approximately 0.61 acres of estuarine substrate. Our initial determination is that the proposed action would not have a substantial adverse effect on EFH or Federally managed fisheries. 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. The County shall ensure that identified submerged aquatic vegetation (SAV's) and or other sensitive areas which may impact the project area are properly identified and instructions to the Contractor shall be provided to ensure protection of these areas. The attached survey concluded that there were **No SAV's and Shellfish** located within the proposed dredge area. The proposed dredging will comply with the permitting requirement of no dredging within 10 feet of high bank, marsh grass and identified subaquatic vegetation and will not impact the shoreline marshes or other wetland habitats.

COMMENTS: This public notice is being distributed to all known interested persons in order to assist in developing facts on which a decision by the U.S. Army Corps of Engineers can be based. For accuracy and completeness of the record, all data in support of or in opposition to the proposed work should be submitted in writing setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition.

The decision whether to issue a permit will be based on an evaluation of the probable impact 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, consideration of property ownership and, in general, the needs and welfare of the people.

The 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 Corps of Engineers to determine whether to issue, 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 the 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.

Any person may request, in writing, 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.

Evaluation of the probable impacts involving deposits of dredged or fill material into waters of the United States will include the application of guidelines established by the Administrator of the U.S. Environmental Protection Agency.

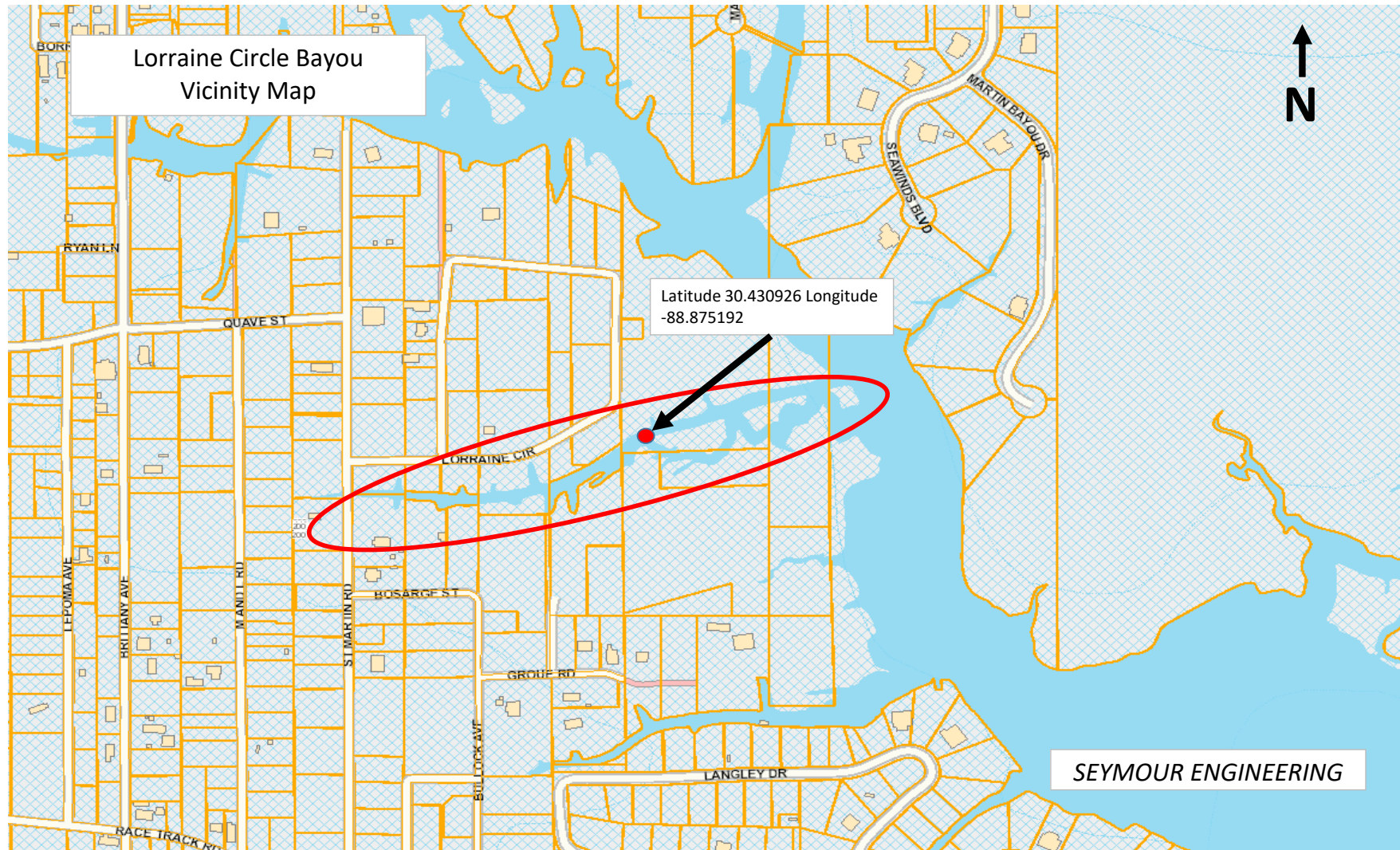
Correspondence concerning this Public Notice should refer to Public Notice Number **SAM-2023-01095-RCV** and should be directed to the District Engineer, Mobile District, Regulatory Division, Mobile, Post Office Box 2288, Mobile, Alabama 36628-0001, Attention: Rudolph C. Villarreal, or submitted electronically at Rudolph.c.villarreal@usace.army.mil, or by phone at 690-3246. Copies of all comments should be furnished to the Mississippi Department of Environmental Quality, Office of Pollution Control, Post Office Box 2261, Jackson, Mississippi 39225, and the Mississippi Department of Marine Resources, 1141 Bayview Avenue, Biloxi, Mississippi 39530.

All comments should be received no later than 30 days from the date of this Public Notice.

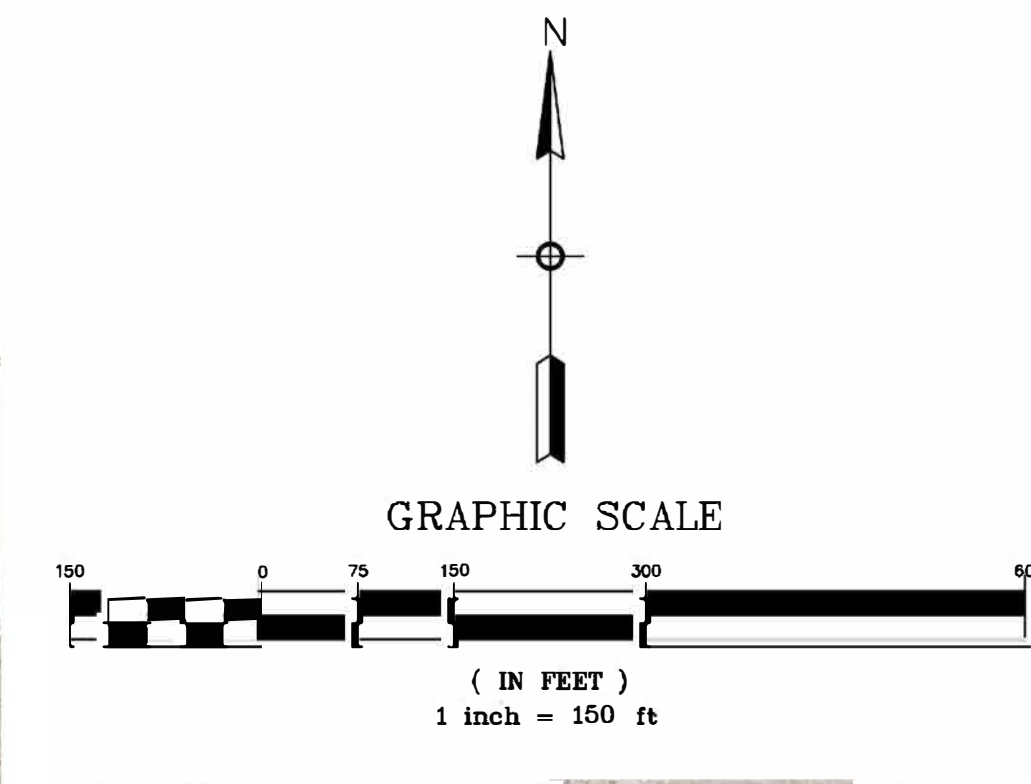
For additional information about our Regulatory Program, please visit our web site at www.sam.usace.army.mil/Missions/Regulatory.aspx.

MOBILE DISTRICT
U.S. Army Corps of Engineers

Attachments

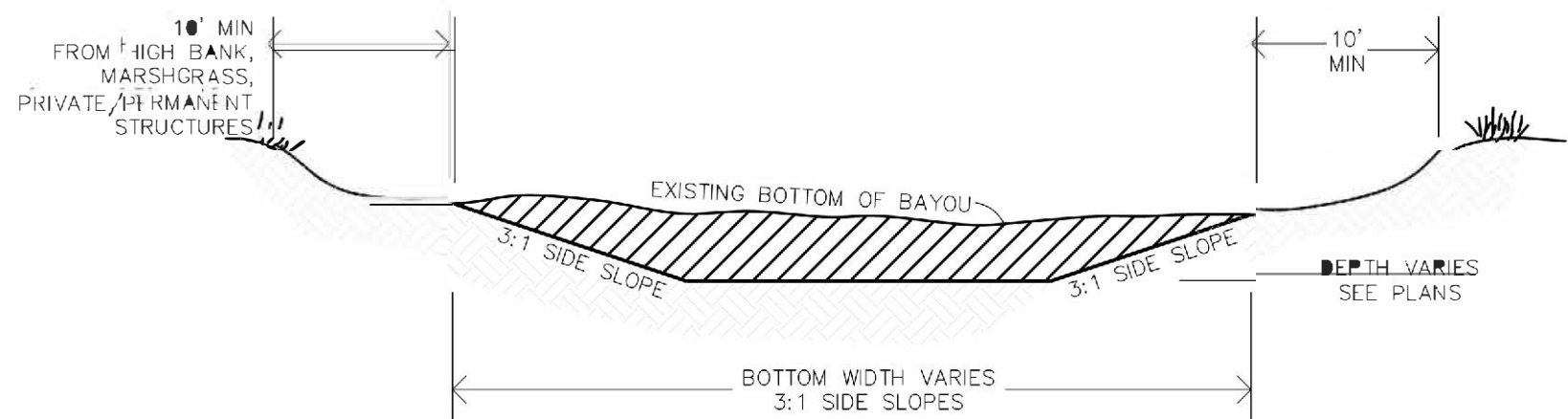


SAM-2023-01095-RCV



- GENERAL NOTES:
- ALL SURVEY ELEVATIONS SHOWN REFLECT MEAN LOW WATER.
 - AERIAL IMAGERY PROVIDED BY MISSISSIPPI GEOSPATIAL CLEARINGHOUSE AND HAS BEEN GEOREFERENCED IN RELATION TO HYDROGRAPHIC SURVEY DATA SHOWN. ACTUAL IMAGE DIMENSIONS MAY VARY.
 - ALL SURVEY ELEVATIONS REPRESENT CONDITIONS OF THE DREDGING AREAS AND ANY DISCREPANCIES SHOULD BE IDENTIFIED AND FIELD VERIFIED BY THE CONTRACTOR AND BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO COMMENCEMENT OF ANY WORK.
 - CONTRACTOR SHALL MINIMIZE INTERFERENCE WITH AND SHALL PERMIT SUFFICIENT SPACE FOR THE SAFE NAVIGATIONAL USE OF CHANNELS AND PASSAGES.

PROJECT DREDGING LEGEND
Alignment A = Sta. 0+00 - 17+79 x 15' @ -5.0' MLW
Total Channel Dredge Length = 1,779 LF



TYPICAL SECTION DETAIL
SCALE: NONE

SITE 9: DREDGE PLAN
LORRAINE CIRCLE BAYOU

SCALE: 1" = 100'

IMAGERY SOURCE:
Jackson County GIS Dept
GeoTIF's Aerial Imagery
Coastal Aerial Photography 2 ft (2016)

Revised	
Drawn	T. WILLIAMS
Checked	J. SPIRES
Approved	M. SEYMOUR
Date	11/01/2023

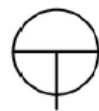
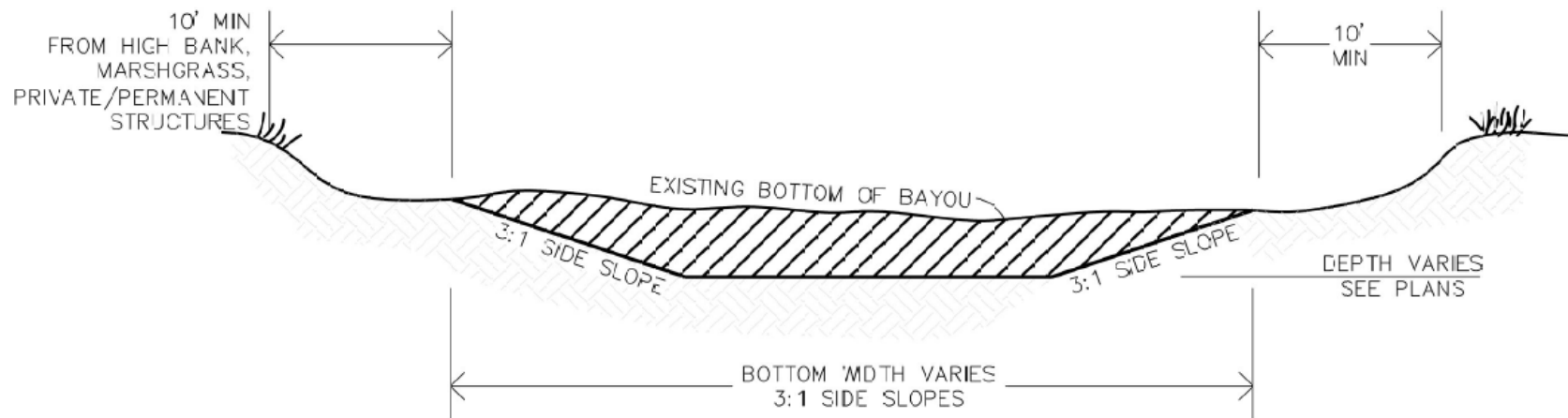
Sheet Title	SITE 9 LORRAINE CIRCLE BAYOU DREDGE PLAN
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Project Name	WEST JACKSON COUNTY #3B PERMITTING/DREDGE PROJECT JACKSON COUNTY, MISSISSIPPI
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SEYMOUR ENGINEERING	
PHONE: 228-385-2350	925 TOMMY MUNRO DRIVE, SUITE G BILOXI, MISSISSIPPI 39532
FAX: 228-385-2353	

Sheet	C1
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Project No.	20-065.03
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TYPICAL SECTION DETAIL

SCALE: NONE

**LORRAINE CIRCLE BAYOU, WEST JACKSON COUNTY
SAV / SHELLFISH REPORT**

INTRODUCTION AND BACKGROUND

Date of Survey: Friday, September 29, 2023

Time: 7:00 PM – 3:30 PM

Tidal Stage: High Tide @ 1:50 PM, Low Tide @ 5:03 AM

Weather Conditions: Sunny, winds < 10 mph

Water Conditions: Calm with visibility < 10" depth

Sampling Equipment: 15' Skiff, 20HP Outboard and J hook rake

Samplers: Tyler Williams, E.I.

The Jackson County Board of Supervisors plans to conduct maintenance dredging of Lorraine Circle Bayou which is an existing navigational channel located off the Saint Martin Bayou (See Master Dredging Plan). This proposed dredging of bayou serves a residential area located in St. Martin and consists of the following:

Alignment #1 @ 1,779 LF - runs from northeast to southwest

The survey was conducted along the shorelines of the proposed alignments. The shoreline and shallow subtidal waters were probed for SAV's and shellfish in a motorizing boat at dead idle speed. Furthermore, at approximately 300 FT intervals, the bottom was probed perpendicular to the shoreline attempting to locate shellfish beds.

RESULTS:

There were no live shellfish found.

In conclusion, there were No SAV's and Shellfish located within the proposed dredge area submitted for permitting approval.

Report prepared September 29, 2023 by Tyler Williams, E.I.