



DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS, NEW ORLEANS DISTRICT  
7400 LEAKE AVENUE  
NEW ORLEANS, LOUISIANA 70118

10 August 2017

REPLY TO  
ATTENTION OF:

Operations Division  
Central Evaluation Section

SUBJECT: MVN-2002-02486-CC (General Permit-23)

Entergy Operation, Inc.  
5485 U.S. Highway 61  
St. Francisville, Louisiana 70775  
Attn: William F. Maguire

Dear Mr. Maguire:

This is in regard to your permit application dated May 11, 2017, requesting Department of the Army approval for maintenance removal of approximately 125,000 cubic yards of river silt that has accumulated around and under the River Bend Station intake strainers along the Mississippi River, left descending bank, between river miles 262 and 263, Section 25, Township 4 South, Range 2 West, St. Francisville, Louisiana within West Feliciana Parish.

This office has determined that your project, as shown in the attached drawings, is authorized by **General Permit-23** provided that all conditions of the permit are met.

In addition to the standard GP-23 conditions dated **April 03, 2017**, the following special conditions are being made a part of this authorization:

1. The time limit for maintenance dredging activities, authorized herein, expires 10 years from the effective date of this approval.
2. Any changes in the project configuration as a result of local approvals must be documented and appropriate drawings provided to this District office for incorporation into the permit file.
3. The permittee is aware that all necessary local, state and parish approvals must be obtained prior to the commencement of work at the project site.
4. The permittee shall adhere to the enclosed Standard Manatee Conditions for In-Water Activities as per the Standard Local Operating Procedure for Endangered Species in Louisiana (SLOPES), dated October 22, 2014, between the U.S. Army Corps of Engineers, New Orleans and U.S. Fish and Wildlife Service, Ecological Services Office.

This approval to perform work is valid until **April 30, 2022**.

Permittee is aware that this office may reevaluate its decision on this permit at any time the circumstances warrant.

Should you have any further questions concerning this matter, please call Glenn Dobson of this office at (504) 862-1588.

Sincerely,

for Martin S. Mayer  
Chief, Regulatory Branch

Enclosure



REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS, NEW ORLEANS DISTRICT  
7400 LEAKE AVENUE  
NEW ORLEANS, LOUISIANA 70118

April 03, 2017

Operations Division  
Regulatory Branch

SUBJECT: MVN-1998-02001-MG  
(General Permit) GP-23

SPECIAL PUBLIC NOTICE

ANNOUNCEMENT OF TIME EXTENSION AND REVISIONS TO GENERAL PERMIT  
GP-23 FOR SILT REMOVAL IN THE MISSISSIPPI RIVER  
WITHIN THE NEW ORLEANS DISTRICT

The New Orleans District, Corps of Engineers is hereby issuing a public notice announcing a time extension for GP-23. This general permit authorized dredging for the removal of silt accumulations around existing docks, under existing barge fleets and ship mooring areas, around existing marine launchways, and around existing intakes, and the deposition of the material in the Mississippi River generally below the minus 55-foot NAVD contour. The proposed time extension and revision was advertised for public comment on June 20, 2016. All available information and comments were considered in determining whether the overall public interest would be best served by revising and extending this general permit. A copy of the extended general permit is attached.

We have reserved the right to modify, suspend, or revoke this general permit any time we determine it is in the public's interest to do so. Interested parties are invited to submit written comments or suggestions for modifications or improvement of this general permit to the Regulatory Branch of this district at any time.

BY THE AUTHORITY OF THE SECRETARY OF THE ARMY:

Martin S. Mayer  
Chief, Regulatory Branch

Attachment



REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS, NEW ORLEANS DISTRICT  
7400 LEAKE AVENUE  
NEW ORLEANS, LOUISIANA 70118

Operations Division  
Regulatory Branch

SUBJECT: CEMVN-OD-S (General Permit) GP-23  
MVN-1998-02001-MG  
(General Permit) GP-23

DEPARTMENT OF THE ARMY GENERAL PERMIT FOR  
SILT REMOVAL IN THE MISSISSIPPI RIVER

AUTHORIZATION NO.: (General Permit) GP-23

INITIAL EFFECTIVE DATE: August 2, 1983

EXPIRATION DATE: April 30, 2022

Specific legislation requiring Department of the Army permits for these activities are as follows:

- a. Section 10 of the Rivers and Harbors Act of 1899 (33 USC 402).
- b. Section 404 of the Clean Water Act (33 USC 1344).

Under authorization granted by Part 325.8 (b) of Title 33, Code of Federal Regulations, the District Engineer at New Orleans has granted this general permit to allow dredging for the removal of silt accumulations around existing docks, under existing barge fleets and ship mooring areas, around existing marine launchways, and around existing intakes and the disposing of the material in the Mississippi River, generally below the minus 55-foot NAVD 88 contour.

This permit does not authorize any work under Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 USC 1413).

This general permit for the above cited work is granted subject to the following conditions:

- a. This permit only authorizes maintenance dredging. Dredging to establish depths greater than that which existed prior to siltation is not authorized under this general permit.

b. The removal and deposition of dredged material shall not exceed 125,000 cubic yards.

c. This permit is limited to the Mississippi River within the New Orleans District, U.S. Army Corps of Engineers (CEMNVN).

d. Material dredged from the Mississippi River may be placed in the deeper portions of the Mississippi River. Material returned to the Mississippi River is generally to be deposited below the minus 55-foot NAVD 88 contour. The material may not be stacked in such a manner that the top of the deposit is at an elevation above minus 55 feet NAVD 88. Consideration will be given, on a case by case basis, for disposal above the minus 55-foot NAVD 88 contour under certain situations, such as the lack of suitable disposal sites, as exist above Baton Rouge where river depths preclude passage of deep draft vessels. Material may not be placed in Corps dredged and maintained navigation crossings if we determine such disposal would require later removal of the material by the federal government to maintain the navigation crossing.

e. In lieu of deposition of dredged material in the Mississippi River, consideration will be given to individual requests to transport the dredged material from the area of excavation to an existing commercial sand pit located along the river. The dredged material may not be placed in jurisdictional wetland areas or other waters without separate Department of the Army permits. If the dredged material is to be used as fill or sold, rather than redeposited in the Mississippi River, as stated in paragraph d. above, the applicant is advised that he or she will be required to pay the Louisiana Department of Wildlife and Fisheries royalties for use of material taken from state-owned waterbottoms.

f. Dredge and disposal operations will be conducted in such a manner as to avoid interference with navigation to the maximum extent practical and turbidity will be kept to the practicable minimum. Dredging equipment, including discharge lines, will be marked and lighted in accordance with U.S. Coast Guard regulations.

g. If the authorized project, or future maintenance work, involves the use of floating construction equipment (barge mounted cranes, barge mounted pile driving equipment, floating dredge equipment, dredge discharge pipelines, etc.) in the waterway, you are advised to notify the Eighth U.S. Coast Guard District so that a Notice to Mariners, if required, may be prepared. Notification, with a copy of your permit approval and drawings, should be mailed to the Commander (dpw), Eighth Coast Guard District, Hale Boggs Federal Building, 500 Poydras Street, Room 1230 New Orleans, Louisiana 70130, about 1 month before you plan to start work. Telephone inquiries can be directed to Eighth Coast Guard District Waterways Management (504) 846-5923.

h. Approvals under this general permit for individual dredging operations do not release the permittee from obtaining any required permits or approvals from other federal, state or local agencies. If the dredging or disposal site is within the Louisiana Coastal Zone, a coastal use permit or other approval is needed from the Louisiana Department of Natural Resources, Office of Coastal Management. The coastal zone in

the Mississippi River is generally defined as the area below River Mile 169. Questions relative to coastal zone permitting may be directed to the Office of Coastal Management in Baton Rouge at (225) 342-7591.

i. The District Engineer may choose not to approve a request under this general permit and require normal permit processing should he determine approval under the general permit to be contrary to the overall public interest.

j. Additional conditions may be added in this general permit and this general permit may be suspended, modified and/or revoked by the District Engineer any time it is found in the public interest to do so. Public notice will be given any time this general permit is modified, revoked, or suspended.

k. All contract personnel associated with the project shall be informed of the potential presence of the endangered Pallid Sturgeon (*Scaphirhynchus albus*). The permittee must adhere to the following preventive measures: a) the cutterhead shall remain completely buried in the bottom material during dredging operations; b) if pumping water through the cutterhead is necessary to dislodge material or to clean the pumps or cutterhead, etc., the pumping rate must be reduced to the lowest rate possible until the cutterhead is at mid-depth, where the pumping rate can then be increased; c) during dredging, the pumping rates shall be reduced to the slowest speed feasible while the cutterhead is descending to the channel bottom.

l. Permittees must evaluate the effect that the proposed work would have on historic properties listed, or eligible for listing, in the National Register of Historic Places (NRHP) prior to initiation of work. Historic properties include prehistoric and historic archaeological sites, and areas or structures of cultural interest that occur in the permit area. If a known historic property would be encountered, the permittee shall notify CEMVN and shall not conduct any work in the permit area that would affect the property until the requirements of 33 CFR Part 325, Appendix C, and 36 CFR Part 800 have been satisfied. If a previously unknown historic property is encountered during work authorized by this General Permit, the permittee shall immediately notify the CEMVN and avoid further impact to the site until the USACE has verified that the requirements of 33 CFR Part 325, Appendix C, and 36 CFR Part 800 have been satisfied.

m. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structure work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

Applicants requesting authority to perform work under this general permit would be required to provide the following:

1. A completed application form (ENG form 4345).
2. A location map on 8 ½- by 11-inch paper.
3. Plan view and cross section drawings clearly depicting the authorized work, amount of material to be dredged and/or deposited in cubic yards, dimensions of all work areas and structures, and a graphic scale, all shown on 8 ½- by 11-inch paper (sample drawings are attached at enclosure 2). The cross-section must clearly show river bottom contour that existed prior to the situation and the authorized contour after dredging. **Only the removal of silt is authorized under this general permit. The permit cannot be used to create new water depths.** Applications that do not clearly show that the proposed work is only to reestablish pre-existing depths, will be returned or processed as an individual permit with full permit processing to include a public notice.

BY AUTHORITY OF THE SECRETARY OF THE ARMY:

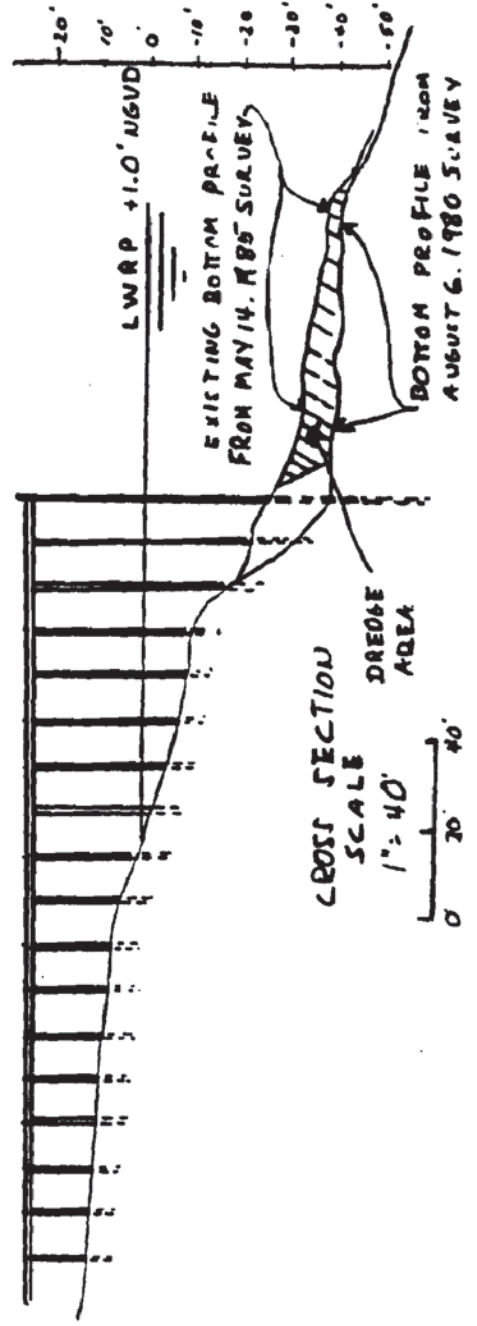
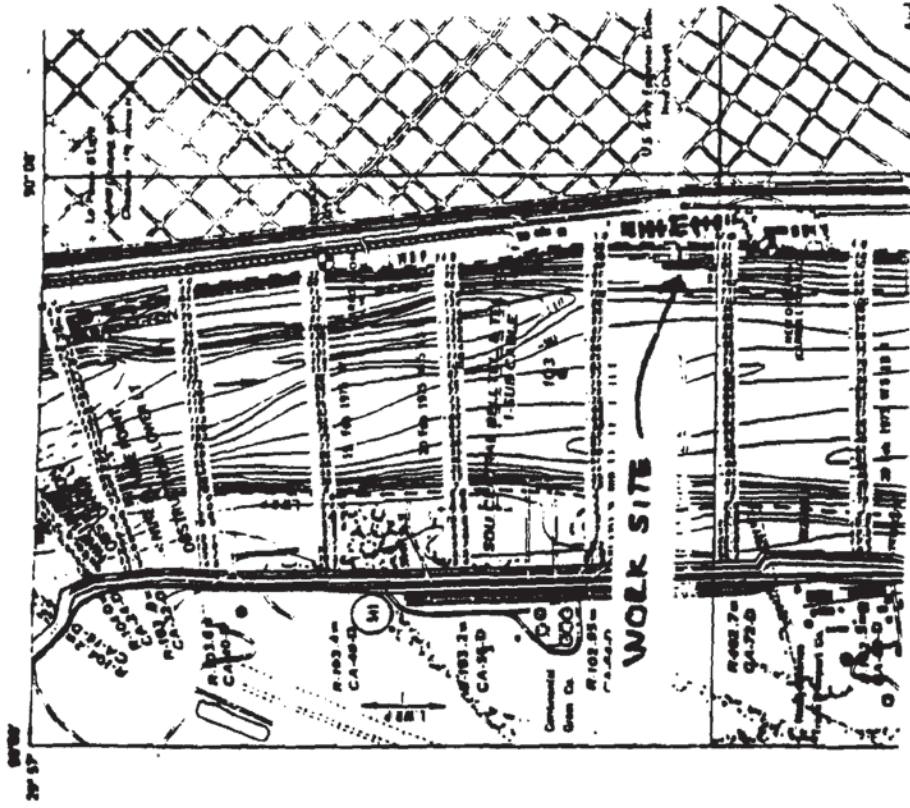
Martin S. Mayer  
Chief, Regulatory Branch  
for  
Michael N. Clancy  
Colonel, U.S. Army  
District Commander

Enclosures



APPROXIMATELY 17,500 CUBIC YARDS OF  
ACCUMULATED SILT WILL BE DREDGED  
FROM IN FRONT OF THE EXISTING DOCK  
AND WILL BE DEPOSITED IN THE  
MISSISSIPPI RIVER BELOW THE  
-55 FOOT NGVD CONTOUR

(GENERAL PERMIT) MOD -23



ABC-SMITH CORP

DREDGING SILT  
AT RIVER MILE 102.7  
LEFT DESCENDING  
BANK AT NEW ORLEANS  
ORLEANS PARISH LA  
MAY 18 1985

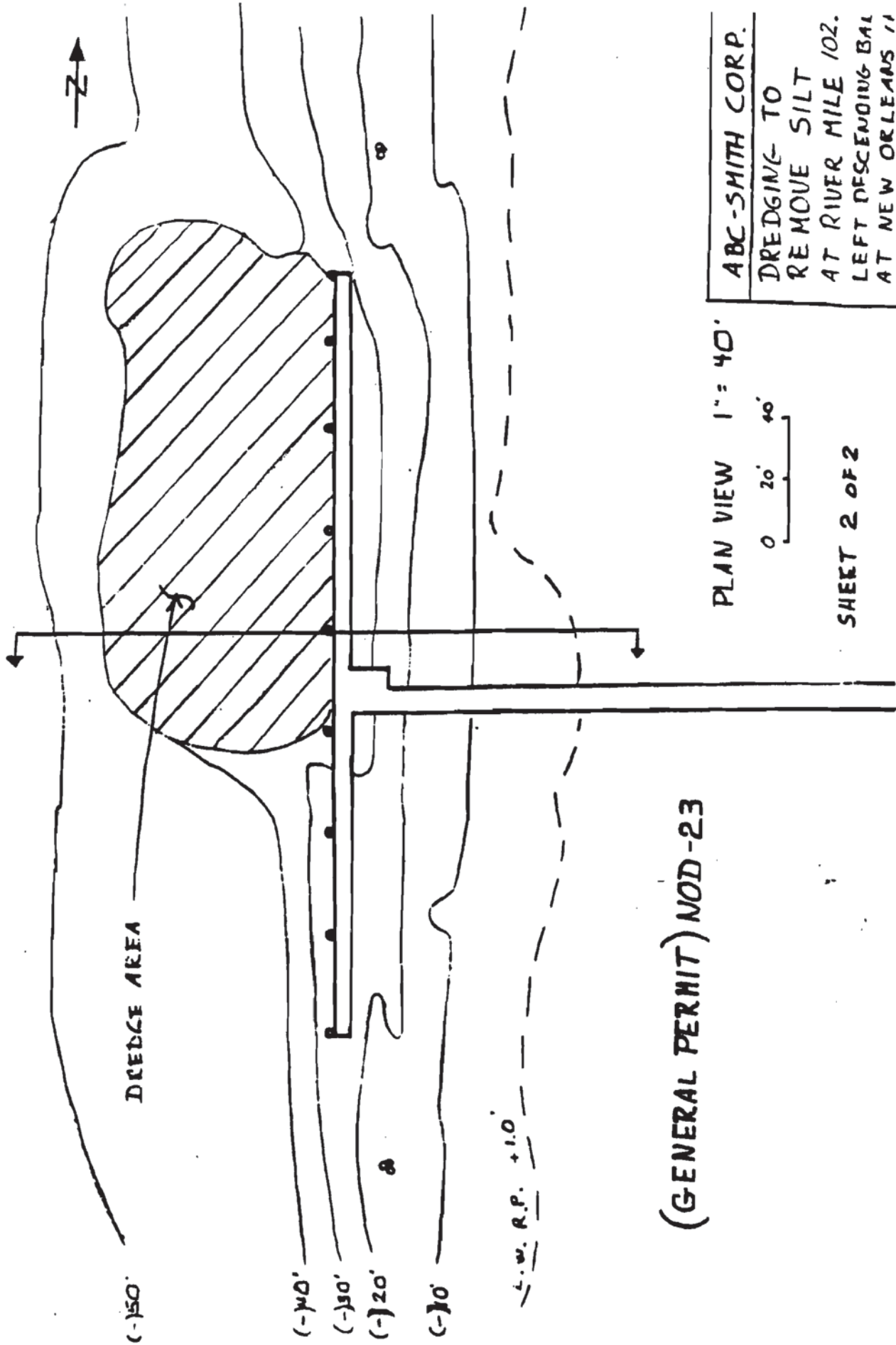


O

M.L.  
102.7

MISSISSIPPI RIVER

← FLOW



PLAN VIEW 1" = 40'

0 20' 40'

SHEET 2 OF 2

(GENERAL PERMIT) NOD-23

ABC-SMITH CORP.

DREDGING TO

REMOVE SILT

AT RIVER MILE 102.

LEFT DESCENDING BAL

AT NEW ORLEANS 11

ORIFANS PARISH, LA.

MAY 18, 1985



## STANDARD MANATEE CONDITIONS FOR IN-WATER ACTIVITIES

During in-water work in areas that potentially support manatees all personnel associated with the project should be instructed about the potential presence of manatees, manatee speed zones, and the need to avoid collisions with and injury to manatees. All personnel should be advised that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act of 1972 and the Endangered Species Act of 1973. Additionally, personnel should be instructed not to attempt to feed or otherwise interact with the animal, although passively taking pictures or video would be acceptable.

All on-site personnel are responsible for observing water-related activities for the presence of manatee(s). We recommend the following to minimize potential impacts to manatees in areas of their potential presence:

- All work, equipment, and vessel operation should cease if a manatee is spotted within a 50-foot radius (buffer zone) of the active work area. Once the manatee has left the buffer zone on its own accord (manatees must not be herded or harassed into leaving), or after 30 minutes have passed without additional sightings of manatee(s) in the buffer zone, in-water work can resume under careful observation for manatee(s).
- If a manatee(s) is sighted in or near the project area, all vessels associated with the project should operate at “no wake/idle” speeds within the construction area and at all times while in waters where the draft of the vessel provides less than a four-foot clearance from the bottom. Vessels should follow routes of deep water whenever possible.
- If used, siltation or turbidity barriers should be properly secured, made of material in which manatees cannot become entangled, and be monitored to avoid manatee entrapment or impeding their movement.
- Temporary signs concerning manatees should be posted prior to and during all in-water project activities and removed upon completion. Each vessel involved in construction activities should display at the vessel control station or in a prominent location, visible to all employees operating the vessel, a temporary sign at least 8½ " X 11" reading language similar to the following: “CAUTION BOATERS: MANATEE AREA/ IDLE SPEED IS REQUIRED IN CONSTRUCTION AREA AND WHERE THERE IS LESS THAN FOUR FOOT BOTTOM CLEARANCE WHEN MANATEE IS PRESENT”. A second temporary sign measuring 8½ " X 11” should be posted at a location prominently visible to all personnel engaged in water-related activities and should read language similar to the following: “CAUTION: MANATEE AREA/ EQUIPMENT MUST BE SHUTDOWN IMMEDIATELY IF A MANATEE COMES WITHIN 50 FEET OF OPERATION”.
- Collisions with, injury to, or sightings of manatees should be immediately reported to the Service’s Louisiana Ecological Services Office (337/291-3100) and the Louisiana



Department of Wildlife and Fisheries, Natural Heritage Program (225/765-2821). Please provide the nature of the call (i.e., report of an incident, manatee sighting, etc.); time of incident/sighting; and the approximate location, including the latitude and longitude coordinates, if possible.



# RIVER BEND STATION SILT REMOVAL

## VICINITY MAP RIVER MILE 262.5

## FIGURE 1



U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY



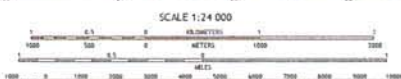
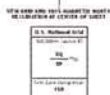
PORT HUDSON QUADRANGLE  
LOUISIANA  
7.5-MINUTE SERIES



Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84) Projection and  
1983 datum used. Universal Transverse Mercator, Zone 18N  
19 83 datum (also Louisiana Coordinate System of 1983 south  
datum)

This map is not a legal document. Boundaries may be  
generated for this map scale. Private lands within government  
reservations may not be shown. Obtain permission before  
entering private lands.

Map Date: July 2013  
Revision: 1000, 1001, 1002, 1003, 1004  
Hydrography: National Hydrography Dataset, 2011  
Topography: National Elevation Dataset, 2011  
Boundaries: Multiple Boundaries, the metadata file 1017-2011  
Public Land Survey System: BLM, 2011



CENTIMETER INTERVALS IN FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988  
This map was produced to conform with the  
National Geospatial Program US Topo Product Standard, 2011  
A metadata file associated with this product is available at [www.usgs.gov](http://www.usgs.gov)



ROAD CLASSIFICATION

Expressway  
Secondary Hwy  
Rural  
Interstate Route  
Local Connector  
Local Road  
Road  
US Route  
State Road

1 Lane Frontal  
2 Lane Frontal  
3 Lane Frontal  
4 Lane Frontal  
5 Lane Frontal  
6 Lane Frontal  
7 Lane Frontal  
8 Lane Frontal

PORT HUDSON, LA  
2015

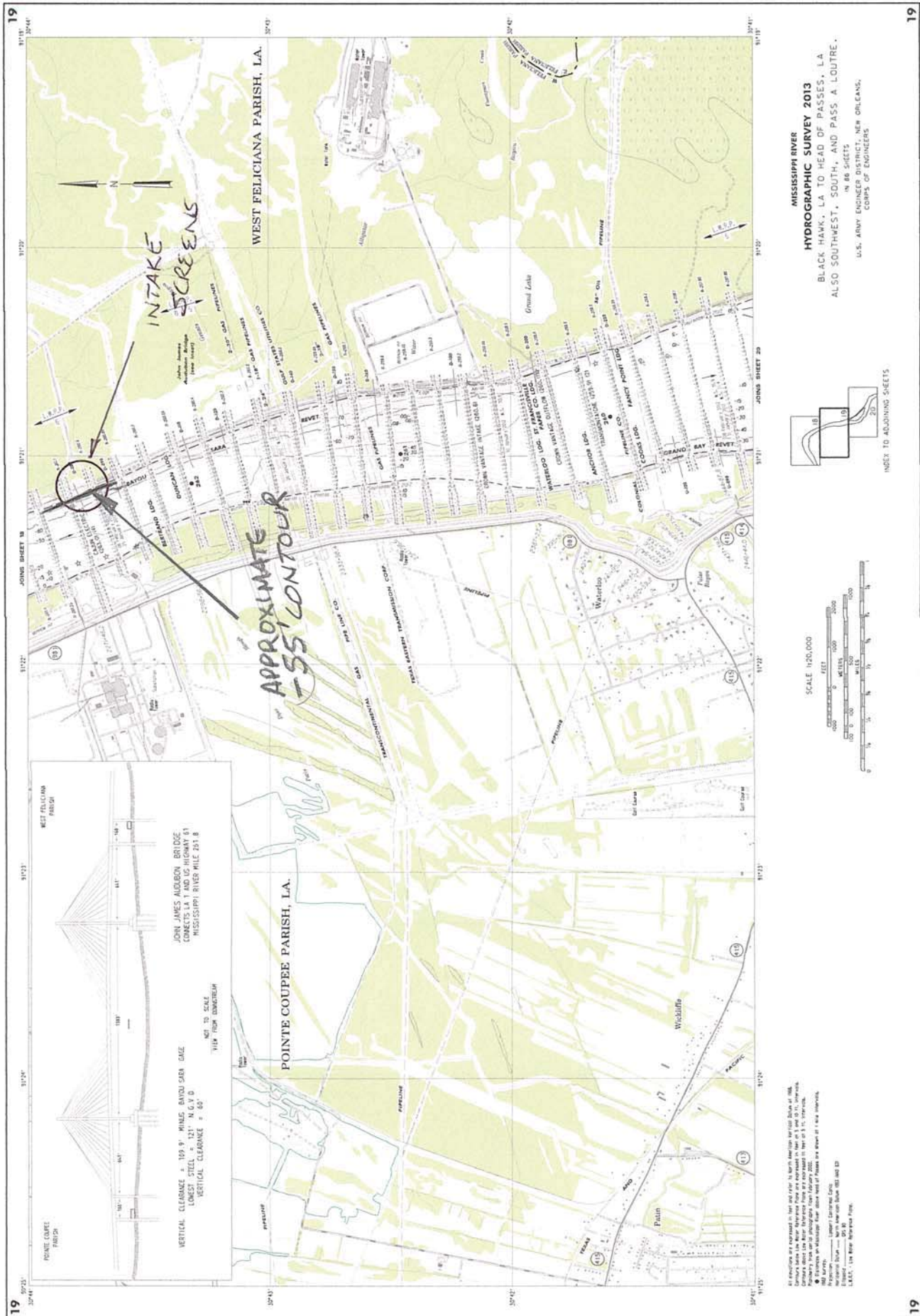




RIVER BEND STATION  
SILT REMOVAL

DISCHARGE AREA

FIGURE 2

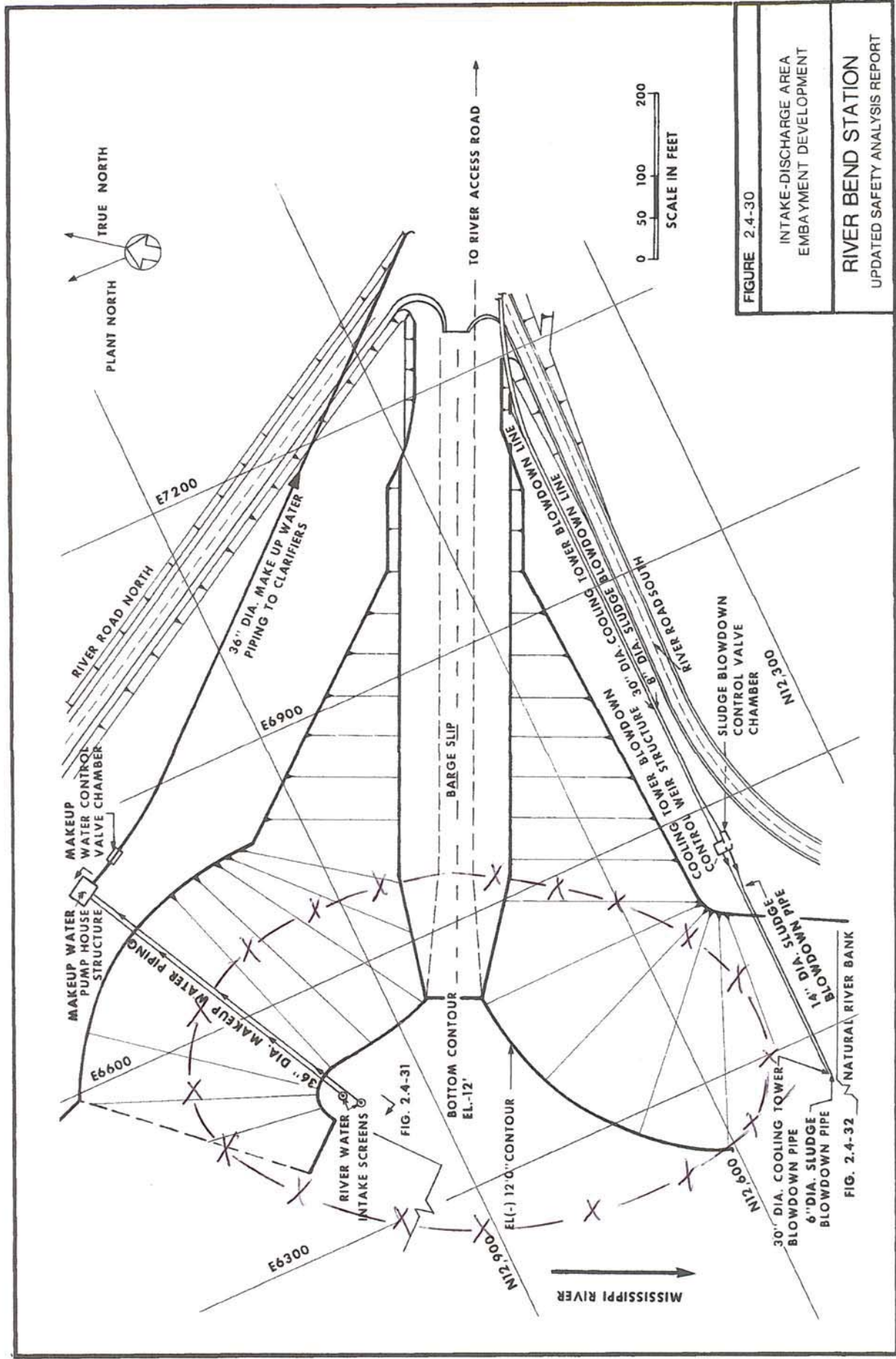


RIVER BEND STATION

SILT REMOVAL

PLAN VIEW

FIGURE 3



—X—X—X— APPROXIMATE DREDGE AREA



RIVER BEND STATION  
SILT REMOVAL

ELEVATION VIEW

FIGURE 4

