

# JOINT PUBLIC NOTICE

27 August 2018

United States Army  
Corps of Engineers  
New Orleans District  
Regulatory Branch  
7400 Leake Avenue  
New Orleans, Louisiana 70118

(504) 862-2279  
[kara.vick@usace.army.mil](mailto:kara.vick@usace.army.mil)  
Project Manager  
Kara Vick  
Permit Application Number  
MVN 2018-00670-EV

State of Louisiana  
Department of Environmental Quality  
ATTN: Water Quality Certifications  
Post Office Box 4313  
Baton Rouge, Louisiana 70821-4313

(225) 219-3225  
Project Manager  
Elizabeth Hill  
WQC Application Number  
WQC 180824-01

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: [X] 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).

Application has also been made to the Louisiana Department of Environmental Quality for a Water Quality Certification (WQC) in accordance with statutory authority contained in LRS30:2047 A(3), and provisions of Section 401 of the Clean Water Act (P.L.95-17).

## **Methanol Plant on the Mississippi River in Plaquemines Parish**

**NAME OF APPLICANT:** IGP Methanol LLC, ATTN: CK Associates, Mr. Brian Newman, at 17170 Perkins Road, Baton Rouge, Louisiana 70810.

**LOCATION OF WORK:** Located at 18559 Highway 23, on the right descending bank of Mississippi River, approximately 57.5 miles above Head of Passes, in Myrtle Grove, Plaquemines Parish, Louisiana, as shown on the attached drawings.

**HUC:** 08090301: East – Central Louisiana Coastal, 08090100: Lower Mississippi – New Orleans

**CHARACTER OF WORK:** To install a methanol production facility in Myrtle Grove, Louisiana. The facility will produce refined methanol from natural gas, water and oxygen feed stocks. A heavy haul road will be temporarily constructed and will have temporary impacts to 0.65 acres of bottomland hardwood wetlands. A natural gas supply line shown on the drawings will be applied for by a separate entity and would have additional wetland impacts to be reviewed at a later date. As shown, the natural gas supply line route is proposed to be approximately 16 miles in length. The methanol facility, not including the natural gas line nor the heavy haul road, would permanently impact approximately 2.95 acres of scrub-shrub wetlands, 7.28 acres of bottomland hardwood wetlands, and 2.39 acres of other waters. The applicant proposes to purchase credits from a mitigation bank to offset any unavoidable losses to wetland functions caused by project implementation.

The comment period for the Department of the Army Permit and the Louisiana Department of Environmental Quality WQC will close 20 days from the date of this joint 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 and/or this WQC request and must be mailed so as to be received before or by the last day of the comment period. Letters concerning the Corps of Engineers permit application must reference the applicant's name and the Permit Application Number, and be mailed to the Corps of Engineers at the address above, ATTENTION: REGULATORY BRANCH. Similar letters concerning the Water Quality Certification must reference the applicant's name and the WQC Application number and be mailed to the Louisiana Department of Environmental Quality at the address above. Individuals or parties may request an extension of time in which to comment on the proposed work by writing or e-mailing the Corps of Engineers Project Manager listed above. Any request 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 Section Chief will review the request and the requestor will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous to the initial comment period and, inclusive of the initial comment period, will not exceed a total of 30 calendar days.

The application for this proposed project is on file with the Louisiana Department of Environmental Quality and may be examined during weekdays between 8:00 a.m. and 4:30 p.m. Copies may be obtained upon payment of costs of reproduction.

#### 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 unaware of properties listed on the National Register of Historic Places near the proposed work. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. Issuance of this public notice solicits input from the State Archeologist and State Historic Preservation Officer regarding potential impacts to cultural resources.

Our initial finding is that the proposed work would neither affect any species listed as endangered, nor habitat designated as critical to the survival and recovery of species listed as endangered by the U.S. Department of Commerce.

Utilizing 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, the Corps has determined that the proposed activity would not likely adversely affect the pallid sturgeon and would have no effect on any other listed species nor affect any habitat designated as critical to the survival and recovery of any endangered species of concern to the USFW.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal would result in the destruction or alteration of N/A acre 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 Department of Environmental Quality before a permit is issued.

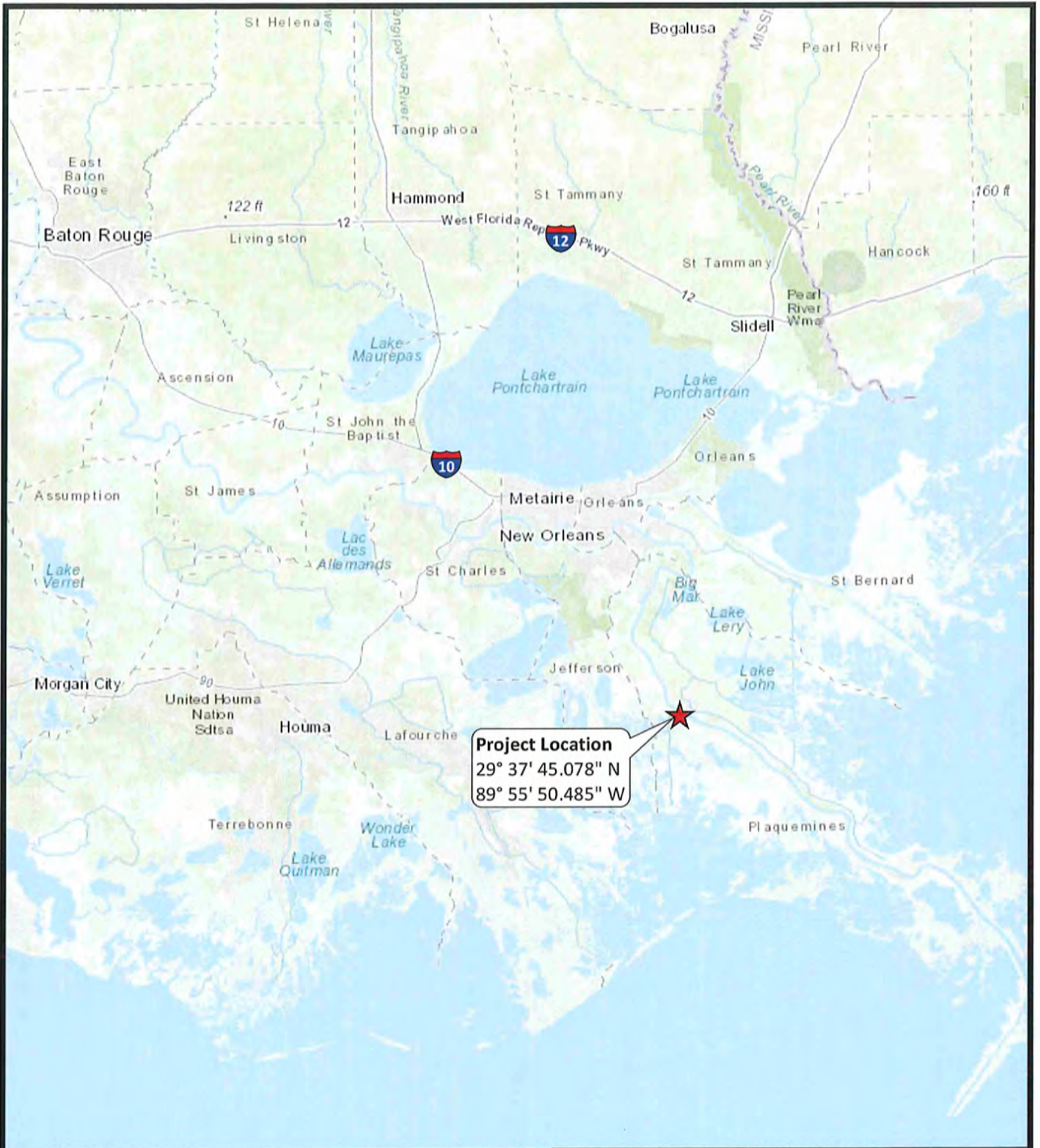
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

The applicant has certified that the proposed activity described in the application complies with and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. The Department of the Army permit will not be issued unless the applicant received approval or a waiver of the Coastal Use Permit by the Department of Natural Resources.

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

Michael V. Farabee  
Chief, Eastern Evaluation Section

Enclosure

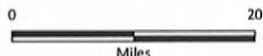


**Project Location**  
 29° 37' 45.078" N  
 89° 55' 50.485" W

Drawing for Permitting Purposes Only. Not to be used for Construction.



Plaquemines Parish



World Topographic Map, ESRI ArcGIS Online



**IGP Methanol, LLC**  
 Myrtle Grove, Louisiana

Gulf Coast Methanol Park

**Project Location Map**

Plaquemines Parish



Drawn: CAL

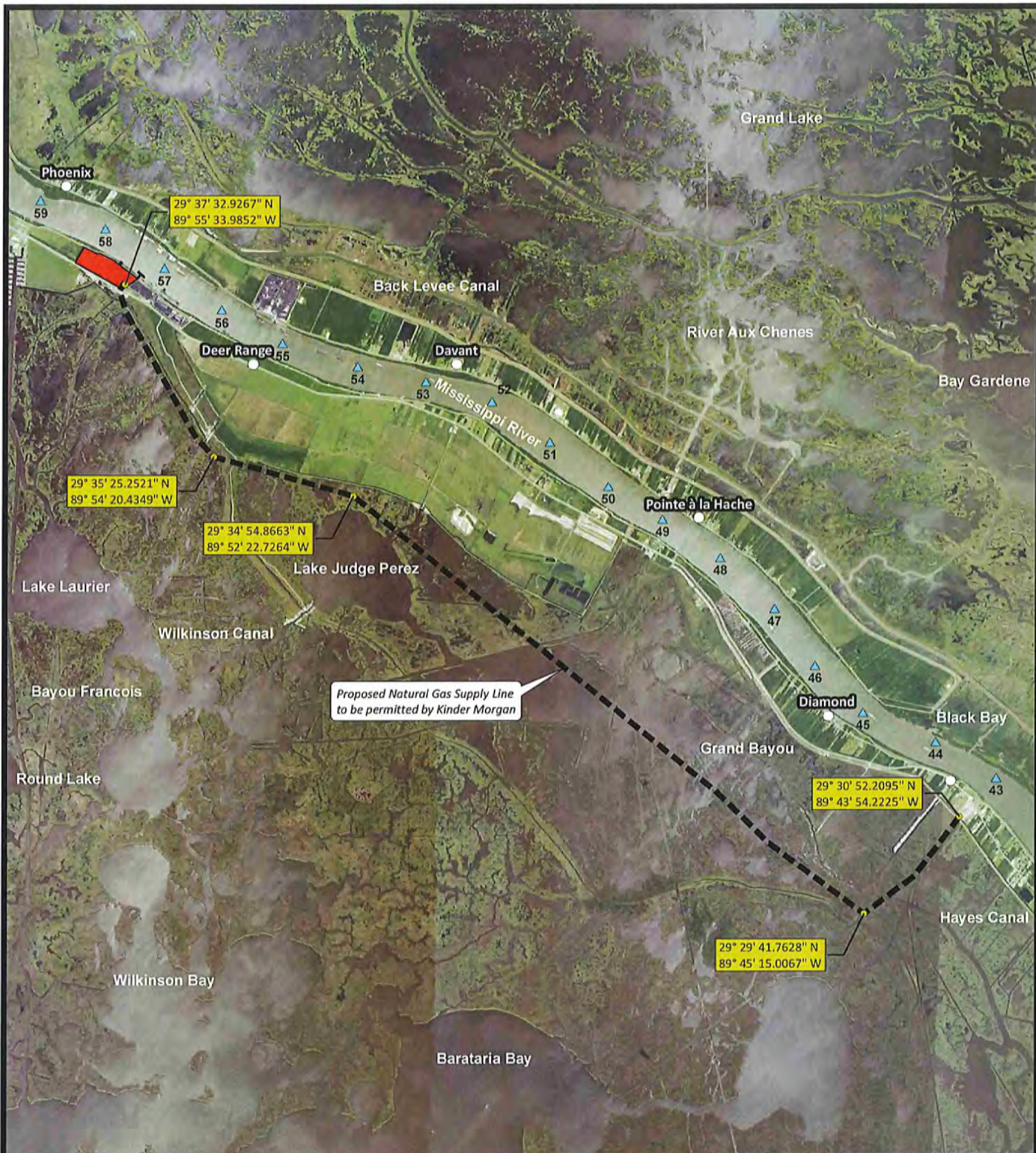
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Date: 7/17/18




Approved: TEW

Dwg. No.: A14427-23

**Figure 1**



Proposed Natural Gas Supply Line to be permitted by Kinder Morgan

-  Mississippi River Mile Marker
-  Proposed Natural Gas Supply Line (~16 Miles)
-  Proposed IGPM Facility Boundary




Drawing for Permitting Purposes Only. Not to be used for Construction.  
World Topographic Map, ESRI ArcGIS Online

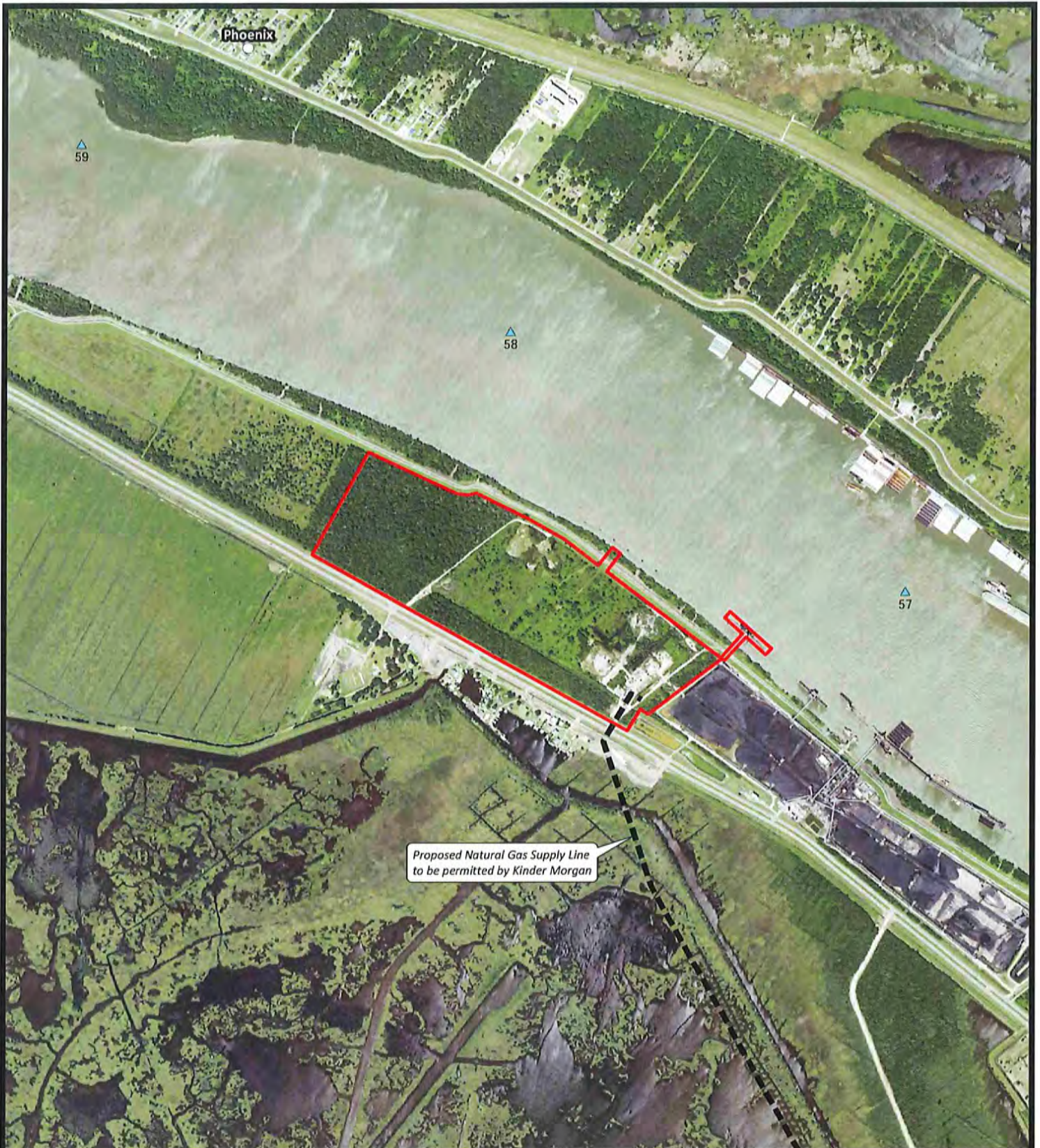
**IGP Methanol, LLC**  
Myrtle Grove, Louisiana

Gulf Coast Methanol Park

## Project Overview

Plaquemines Parish

 <b>CK ASSOCIATES</b> Environmental Consultants	Drawn: CAL	Checked: BLN
	Date: 7/17/18	Approved: TEW
	Dwg. No.: A14427-10	<b>Figure 2</b>



Proposed Natural Gas Supply Line  
to be permitted by Kinder Morgan

- ▲ Mississippi River Mile Marker
- Proposed IGPM Facility Boundary
- Proposed Natural Gas Supply Line (~16 Miles)

Drawing for Permitting Purposes Only. Not to be used for Construction.



**IGP Methanol, LLC**  
Myrtle Grove, Louisiana

Gulf Coast Methanol Park

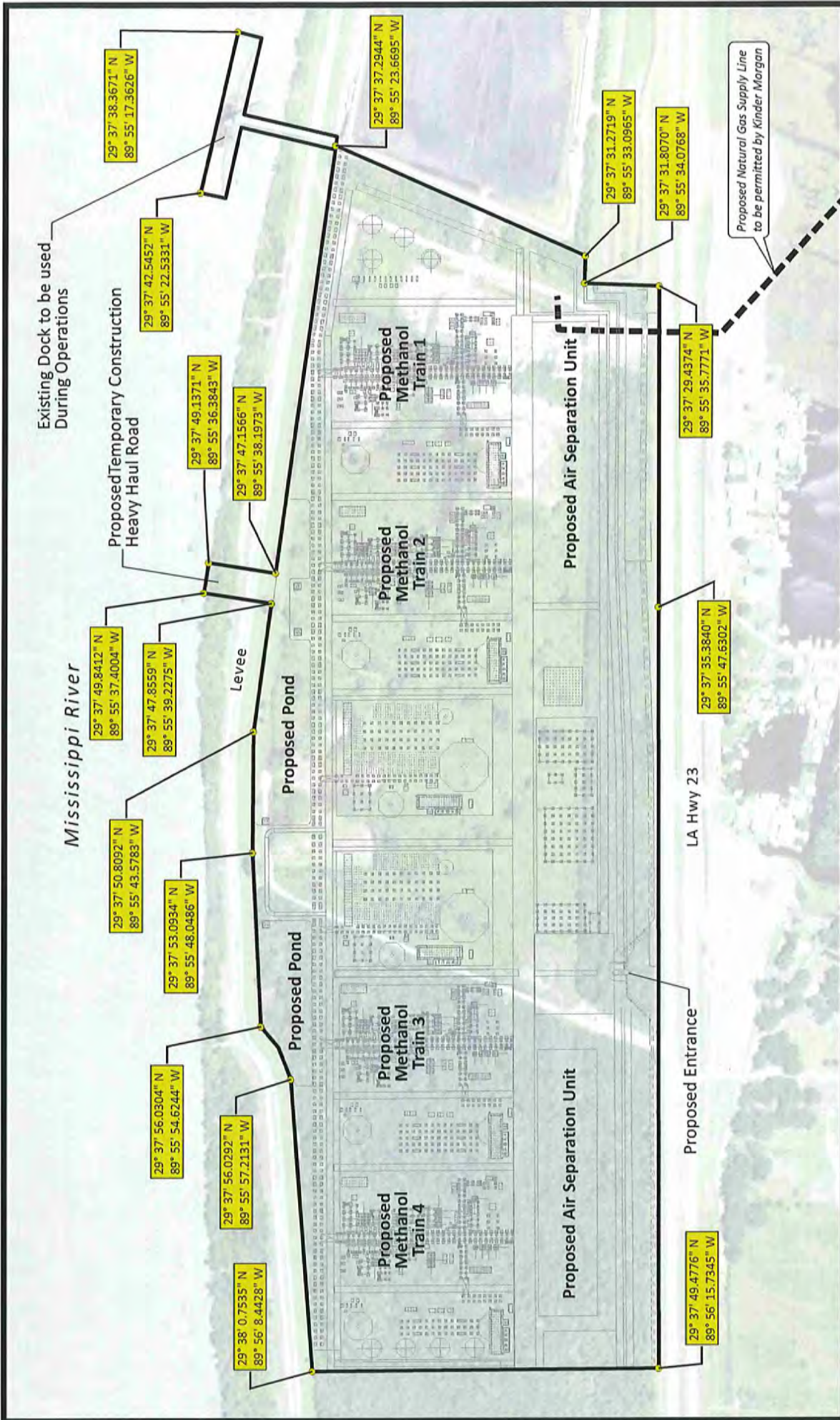
## Proposed Facility Overview

Plaquemines Parish

**CK ASSOCIATES**  
Environmental Consultants

Drawn: CAL  
Date: 7/17/18  
Dwg. No.: A14427-24

Checked: BLN  
Approved: TEW  
**Figure 3**



**IGP Methanol, LLC**  
Myrtle Grove, Louisiana  
Gulf Coast Methanol Park

**Facility Plot Plan**

Plaquemines Parish

Drawn: CAL  
Checked: BLN  
Date: 7/17/18  
Approved: TEW

Dwg. No.: A14427-25 **Figure 4**

**CK ASSOCIATES**  
Professional Corporation

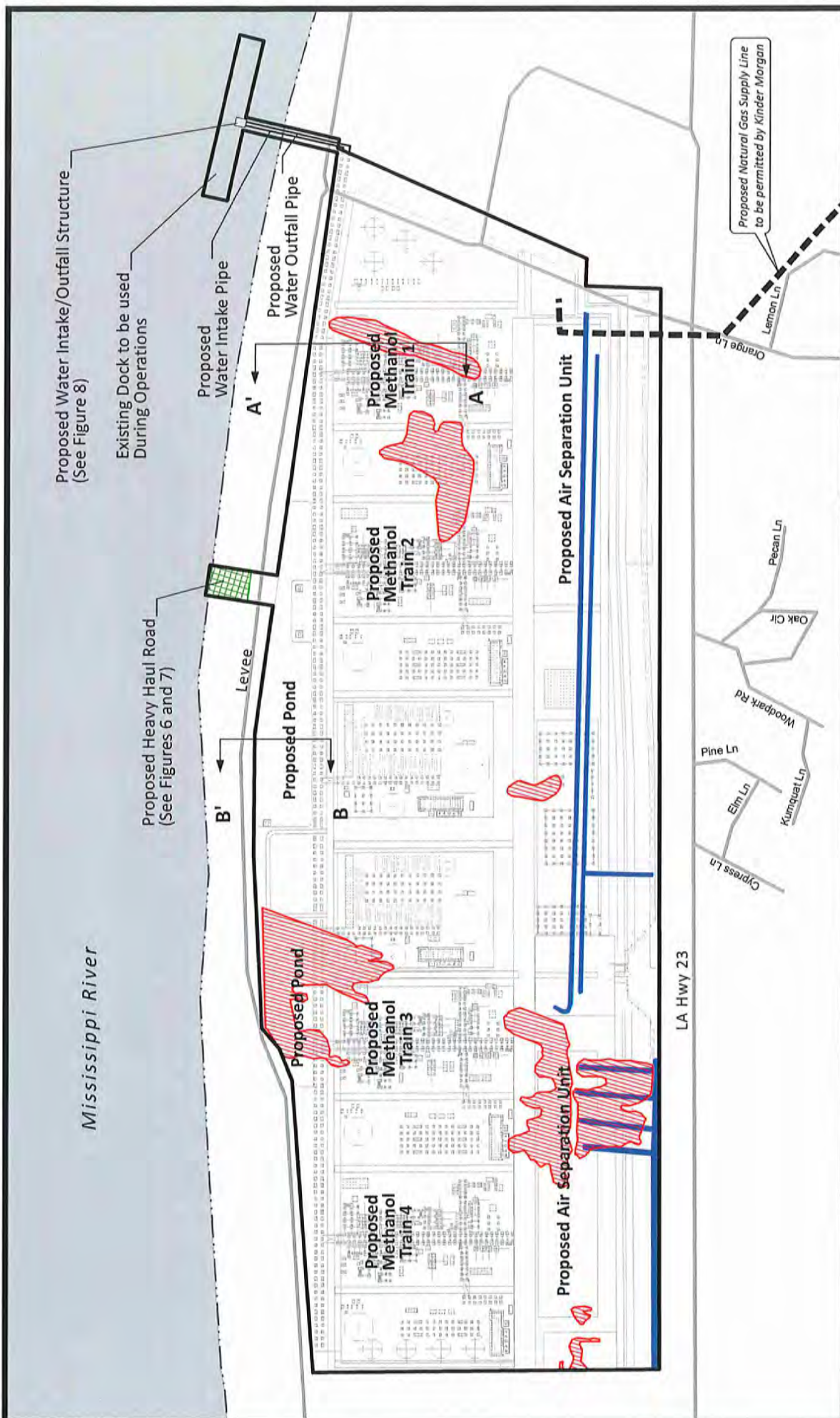
**esri**  
Partner Network

0 500 Feet

Proposed IGPM Facility Boundary (141.5 acres)

Proposed Natural Gas Supply Line (~16 Miles)

Drawing for Permitting Purposes Only. Not to be used for Construction.  
Imagery: NAIP 2017, Louisiana.  
Facility Layout from Drawing by CBI, 228113-000-CV-02-000002.0001.dwg



Proposed Water Intake/Outfall Structure  
(See Figure 8)

Existing Dock to be used  
During Operations

Proposed Heavy Haul Road  
(See Figures 6 and 7)

Proposed Natural Gas Supply Line  
to be permitted by Kinder Morgan

**IGP Methanol, LLC**  
Myrtle Grove, Louisiana  
Gulf Coast Methanol Park

### Facility Plan View

Plaquemines Parish

Drawn: CAL  
Date: 7/17/18  
Checked: BLN  
Approved: TEW  
Dwg. No.: A14427-26

**Figure 5**



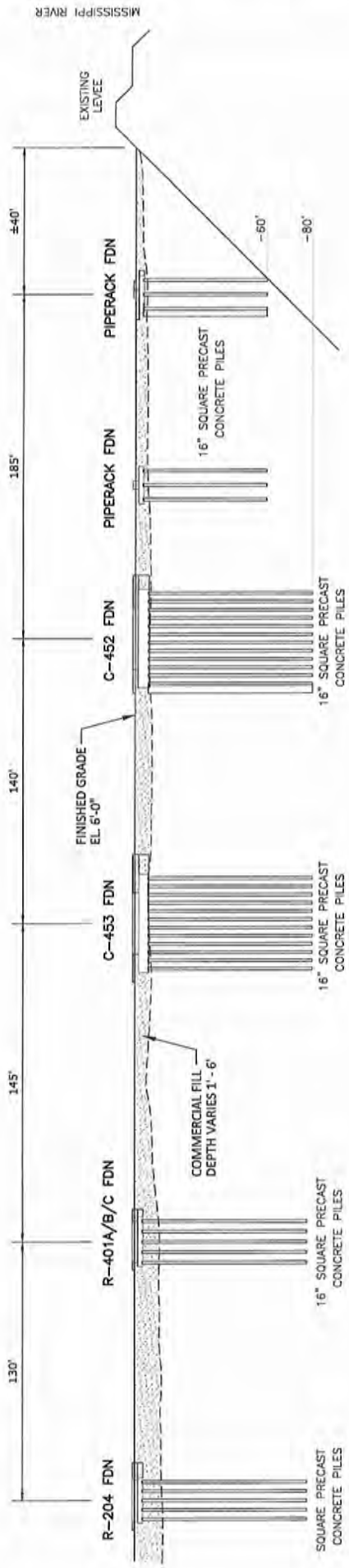
NOTE: See Figure 5 for Cross-Section A-A'  
and Cross-Section B-B'.



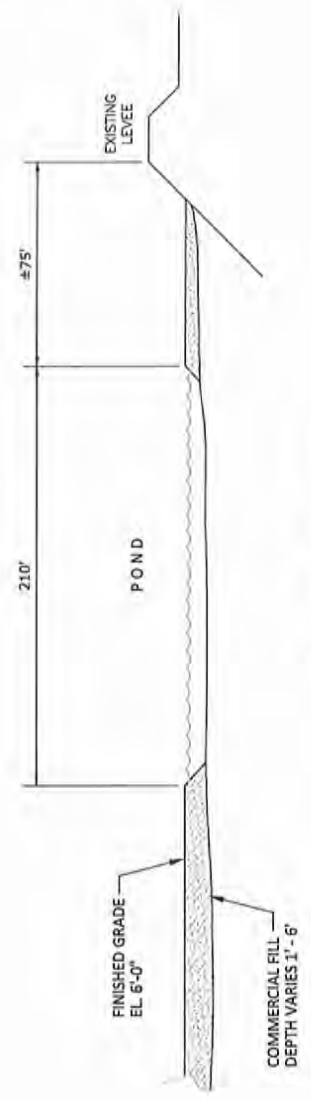
- Proposed IGPM Facility Boundary
- Wetlands to be Filled (10.23 acres)
- Wetlands to be Temporarily Filled (0.41 acres)
- Waters of the US to be Filled (2.39 acres)
- Proposed Natural Gas Supply Line (~16 Miles)

Drawing for Permitting Purposes Only. Not to be used for Construction.  
Imagery: NAIP 2017, Louisiana.  
Facility Layout from Drawing by CBI, 228113-000-CV-02-000002.0001.dwg





**Cross-Section A-A'**



**Cross-Section B-B'**

FDN -- Foundation

**IGP Methanol, LLC**  
Myrtle Grove, Louisiana

Gulf Coast Methanol Park

**Typical Cross-Section A-A'  
and Cross-Section B-B'**

Plaquemines Parish



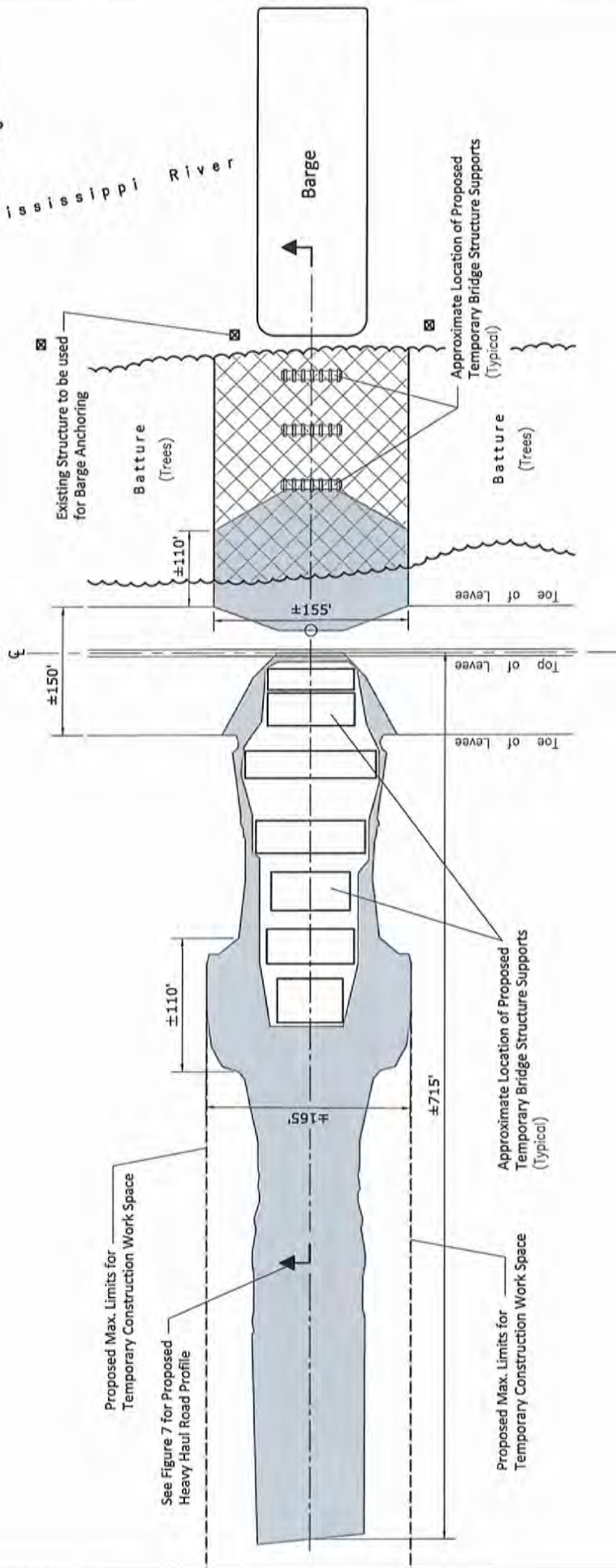
Drawn: CAL      Checked: BLN  
Date: 7/17/18      Approved: TEW  
Dwg. No.: A14427-27

**Figure 6**

NOTE: Drawing Not to Scale  
Drawing for Permitting Purposes Only. Not to be used for Construction.  
Cross-Section A-A' From Drawing by CBI, 228113-000-CV-02-000002.0001.dwg



Mississippi River



Proposed Max. Limits for Temporary Construction Work Space

See Figure 7 for Proposed Heavy Haul Road Profile

Proposed Max. Limits for Temporary Construction Work Space

Approximate Location of Proposed Temporary Bridge Structure Supports (Typical)

Toe of Levee

Toe of Levee

Top of Levee

Top of Levee

Existing Structure to be used for Barge Anchoring

Batture (Trees)

Batture (Trees)

Approximate Location of Proposed Temporary Bridge Structure Supports (Typical)

Barge

Temporary Earthen Fill (~1.49 acres)

Forested Wetlands to be Cleared (~0.65 acres)

IGP Methanol, LLC  
Myrtle Grove, Louisiana

Gulf Coast Methanol Park

# Heavy Haul Road Plan View

Plaquemines Parish

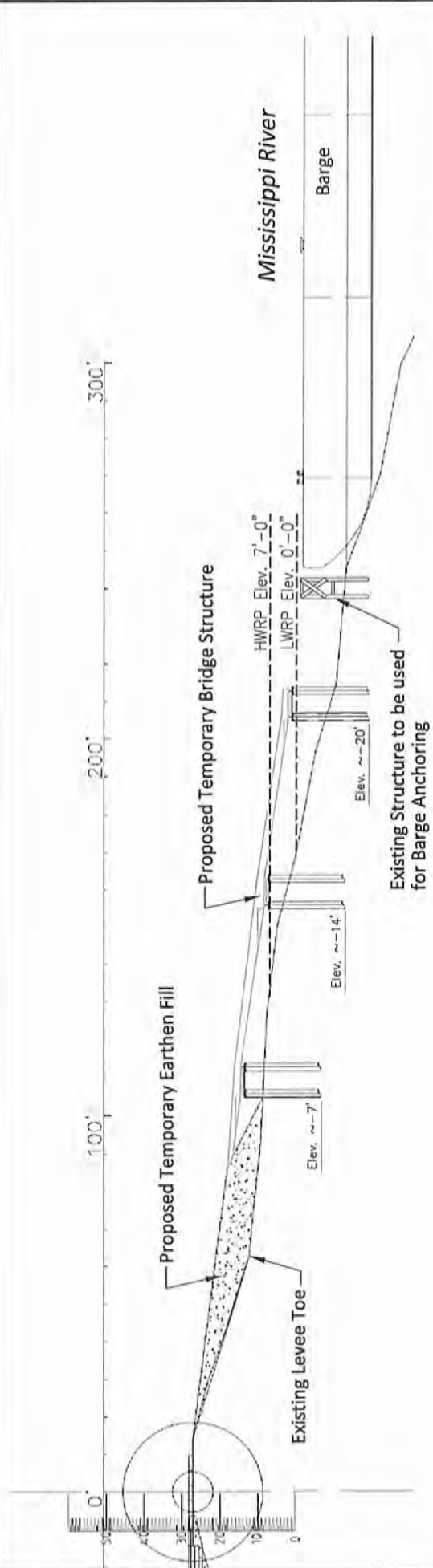
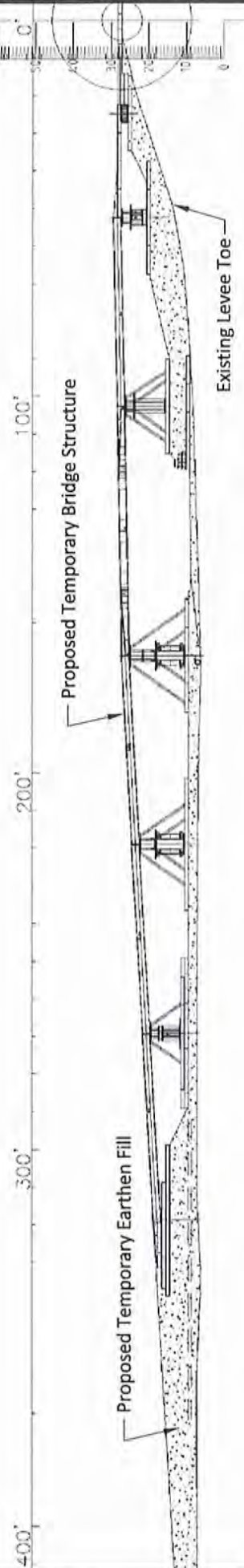


Drawn: CAL  
Date: 7/17/18  
Checked: BLN  
Approved: TEW  
Dwg. No.: A14427-28

Drawing for Permitting Purposes Only. Not to be used for Construction.  
Derived from drawing by Mammoet USA, 15047281-P030-D-G01, SHT 2/2, REV 01.

Drawing Not to Scale

Figure 7



**IGP Methanol, LLC**  
 Myrtle Grove, Louisiana

Gulf Coast Methanol Park

# Heavy Haul Road Profile

Plaquemines Parish



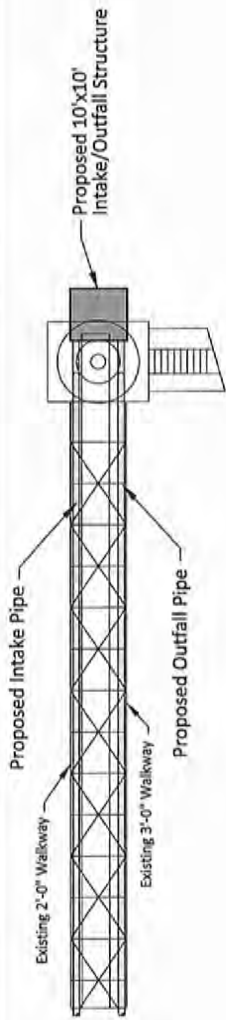
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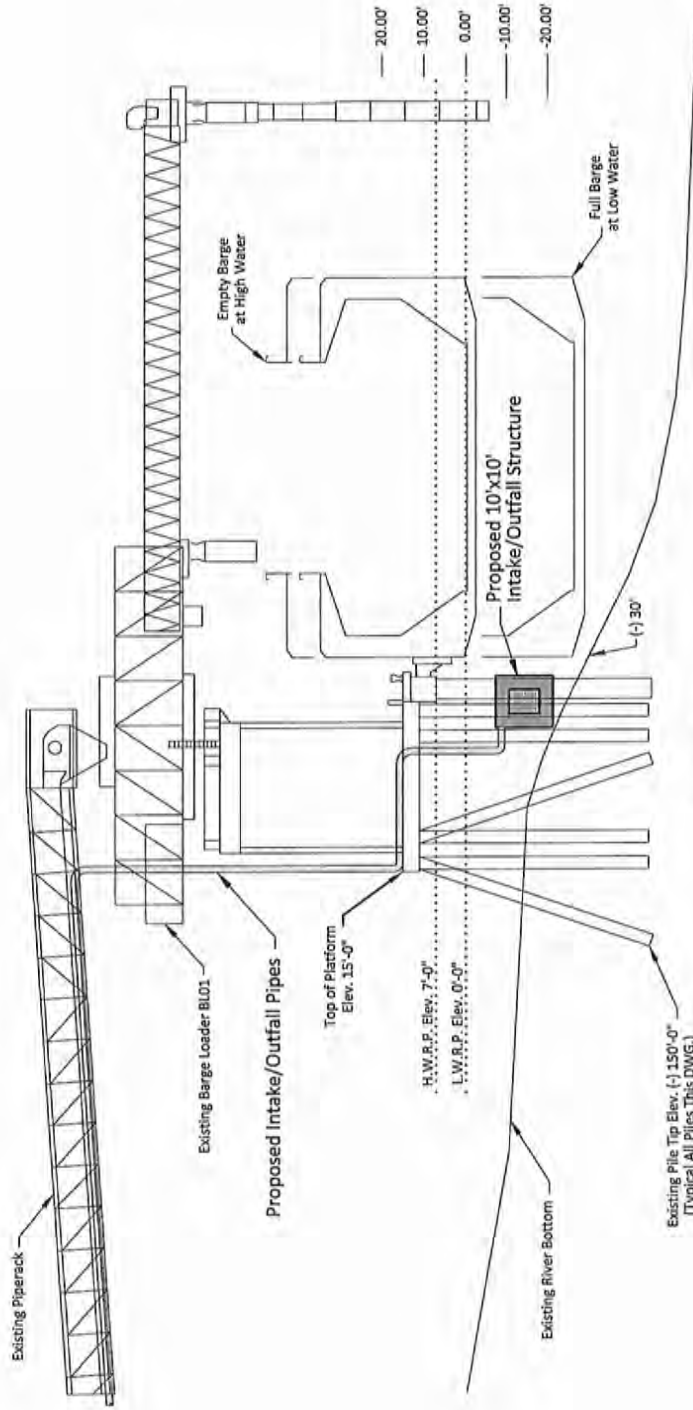
**Figure 8**

Drawing for Permitting Purposes Only. Not to be used for Construction.  
 Derived from drawing by Mammoet USA, 15047281-P030-D-G01, SHT 2/2, REV 01.

Drawing Not to Scale



**PLAN**



**PROFILE**

**IGP Methanol, LLC**  
Myrtle Grove, Louisiana

Gulf Coast Methanol Park

# Water Intake/Outfall Plan and Profile

Plaquemines Parish



Drawn: CAL

Checked: BIN

Date: 7/17/18

Approved: TEW

Dwg. No.: A14427-30

**Figure 9**