

Greater New Orleans Hurricane & Storm Damage Risk Reduction System

Plaquemines Parish Pump Stations & GIWW West Closure Complex

Public Meeting
Sept. 3, 2009
Barriere Golf Clubhouse



US Army Corps of Engineers
BUILDING STRONG[®]



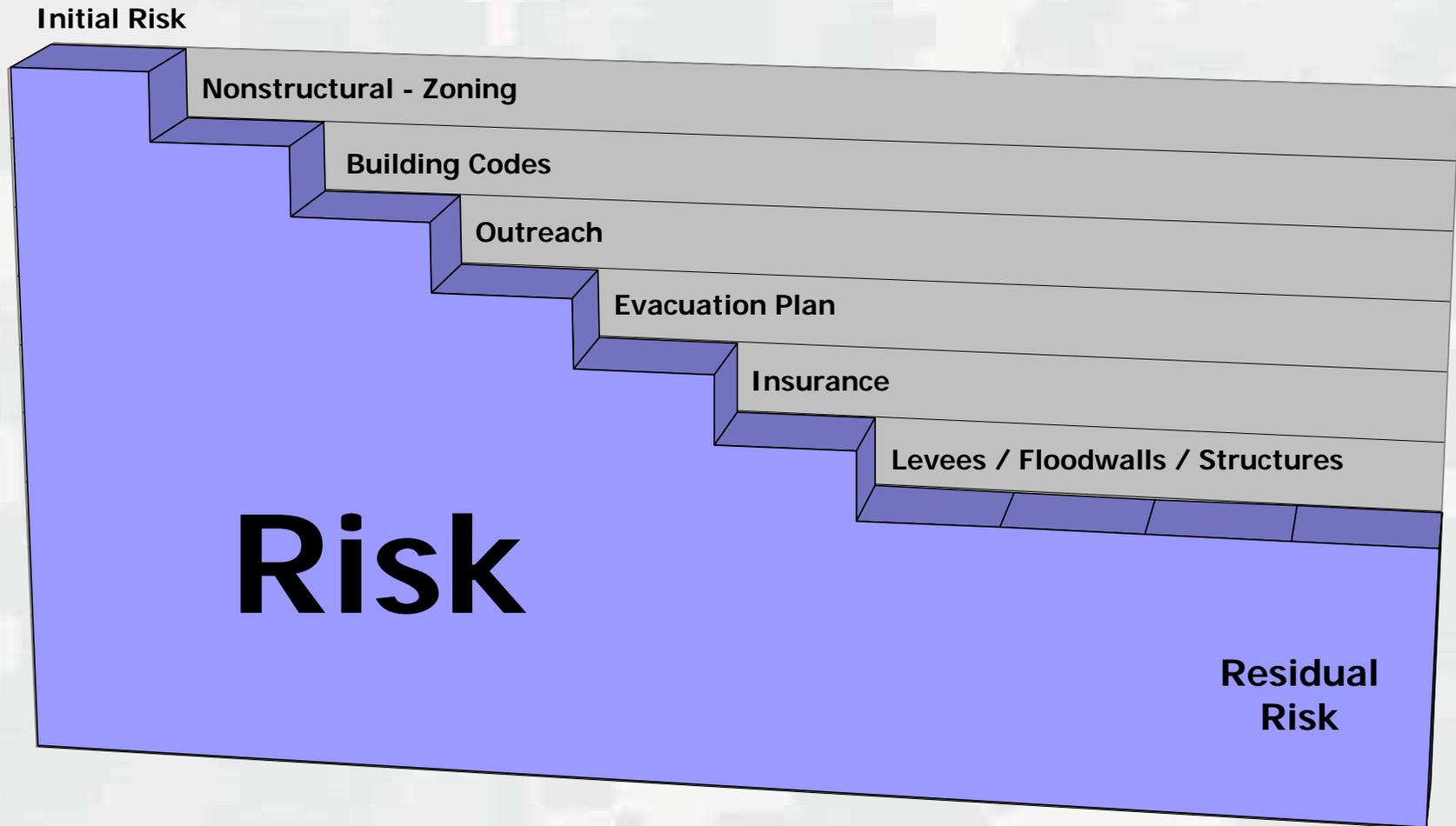
Meeting Purpose

Construction of the risk reduction features at Belle Chasse I, Belle Chasse II and Planters Pump Station will generate impacts to residents and businesses near the project sites.

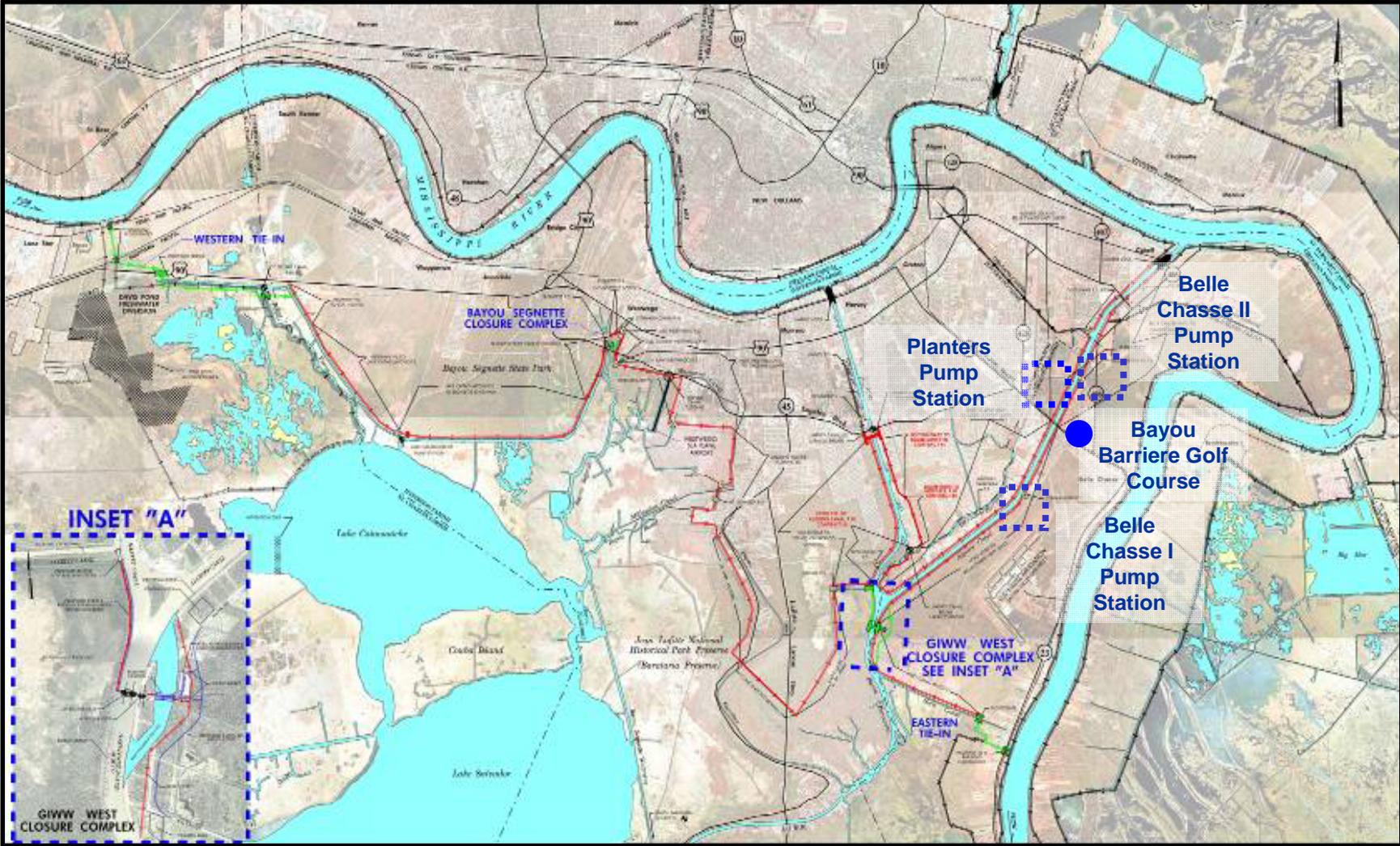
This meeting will provide an overview of the planned improvements to the Pump Stations along the Algiers Canal including an update of the Gulf Intracoastal Waterway West Closure Complex and describe the Corps' efforts to identify and minimize construction impacts to neighboring communities.



Buying Down Risk



Westbank and Vicinity Risk Reduction

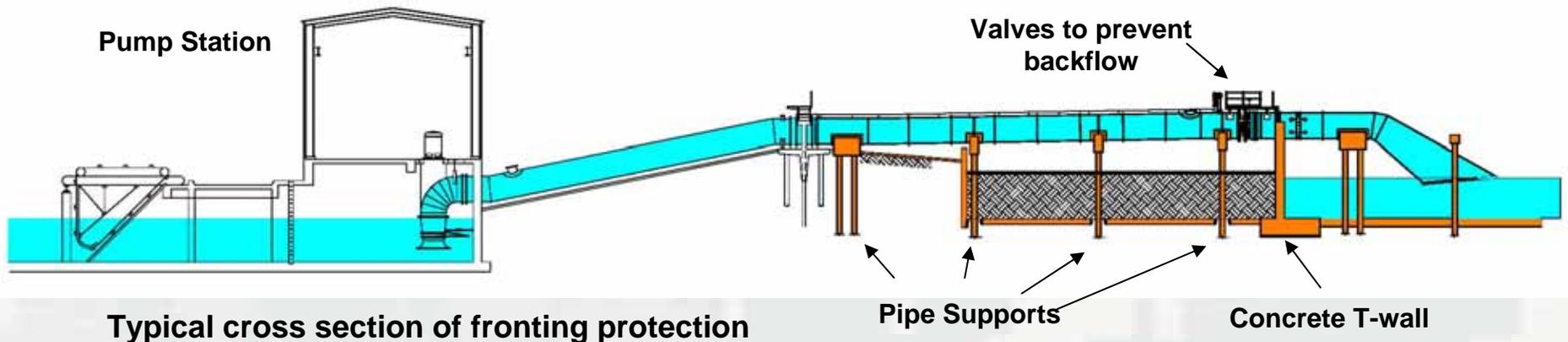


- Current or approved alignments
- Proposed or recommended alignments



Purpose of Fronting Protection

- Risk Reduction
 - Construction of a continuous concrete T-wall in front of pump stations
 - Valves or gates to keep water from flowing back through pumps



Plaquemines Parish Pump Stations

Current Status

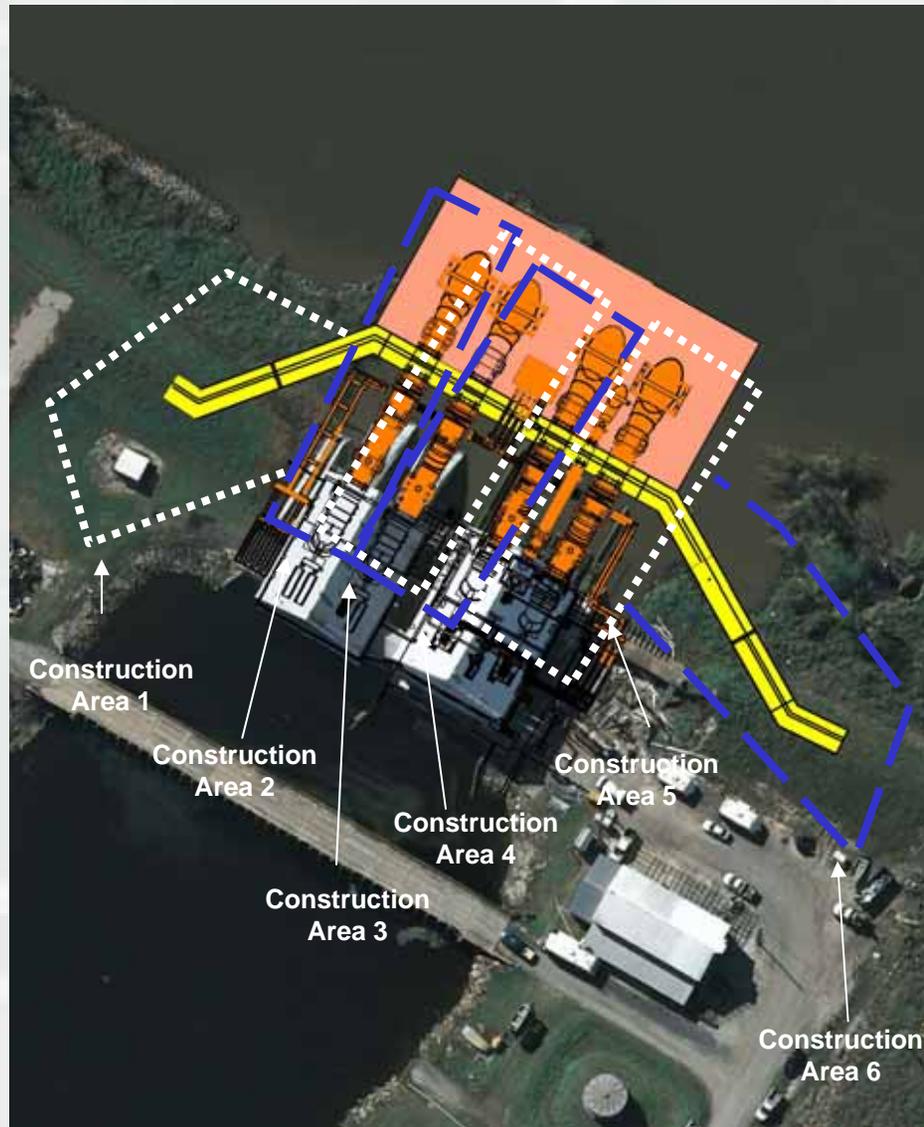


- Existing walls do not meet current design criteria
- Existing walls are not continuous across pump stations resulting in gaps in the risk reduction system
- Water could flow back through the pumps
- Current pump stations may allow water seepage



Belle Chasse I Pump Station

- Includes 5 pumps with a maximum capacity of 3,550 cubic feet per second
- Construction will be done in phases
- There will not be concurrent construction in Areas 2, 3, 4 and 5
- Phased construction maximizes pump capacity during construction

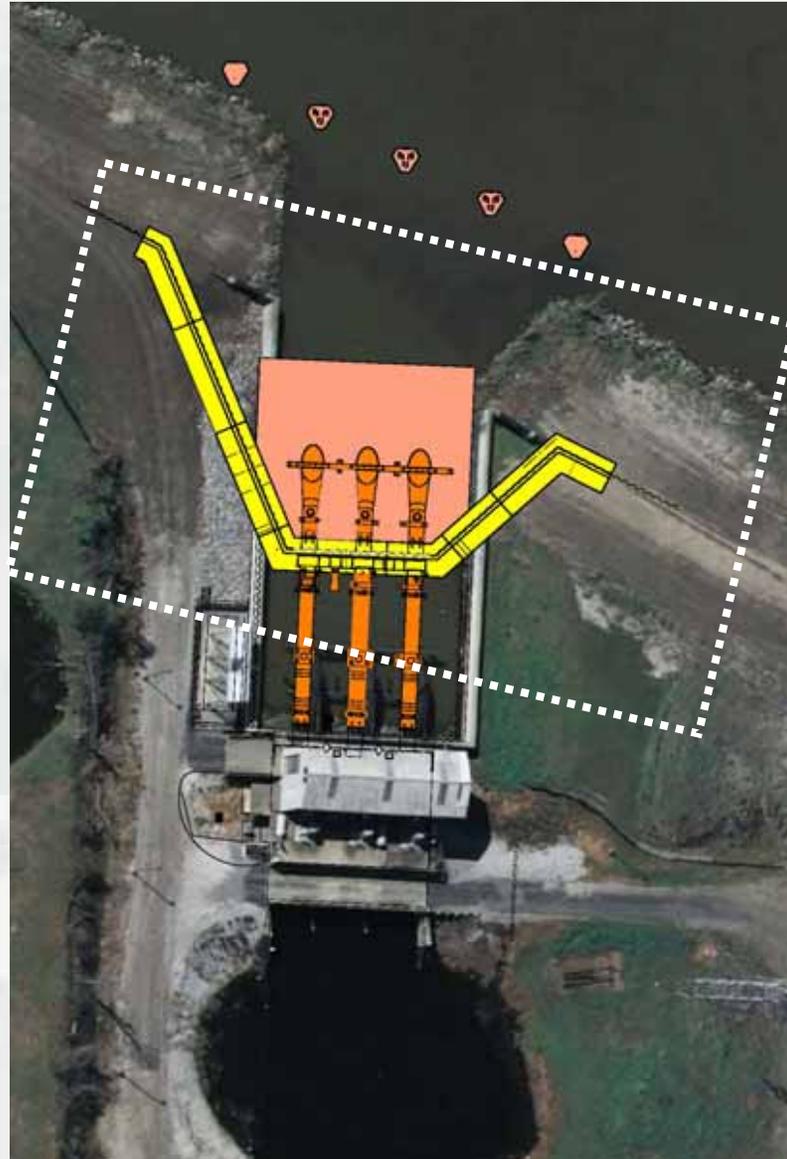


Belle Chasse I Pump Station Fronting Protection



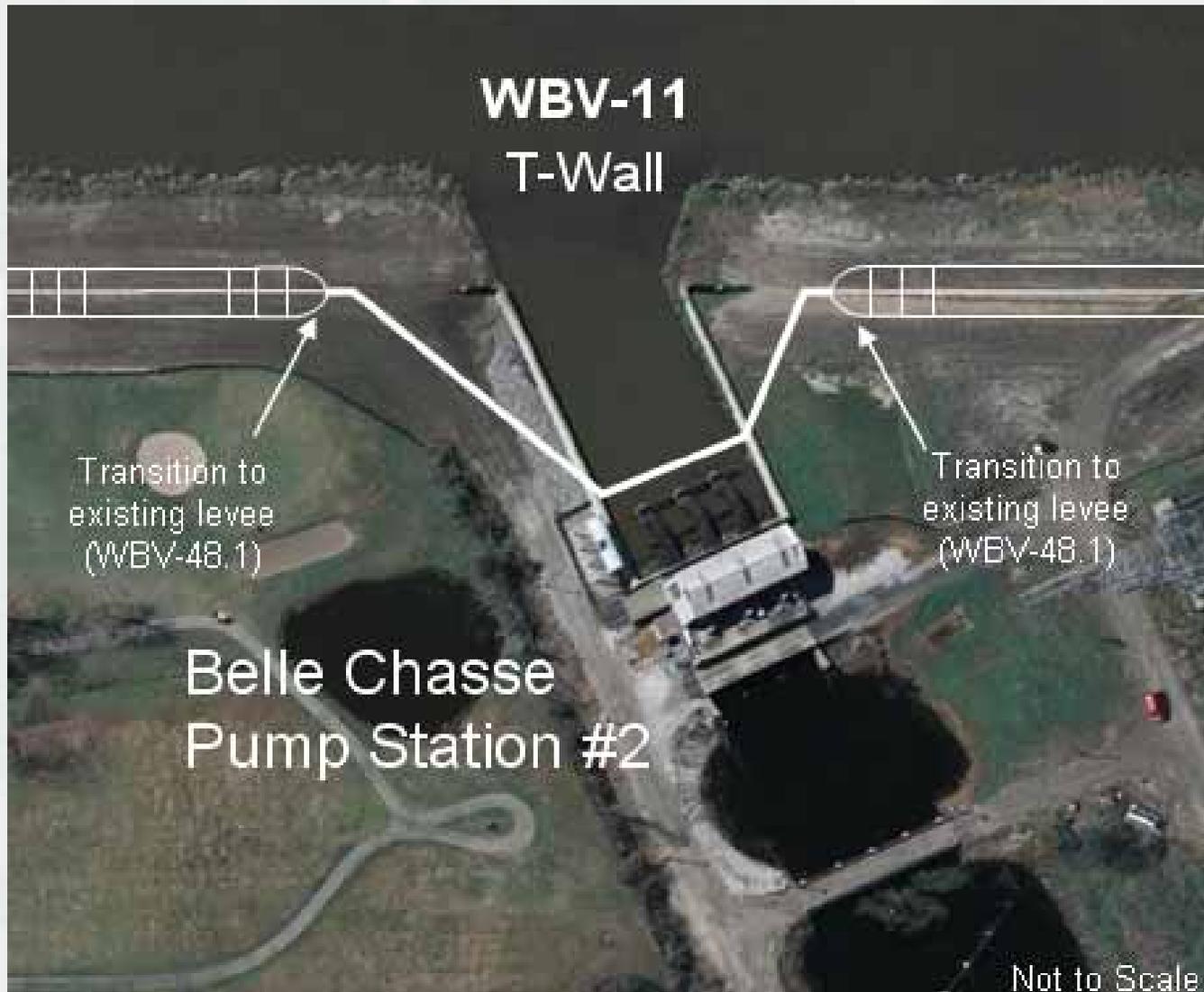
Belle Chasse II Pump Station

- Includes 3 pumps with a maximum capacity of 1,200 cubic feet per second
- Only one pump may be under construction at a time
- Construction is not phased



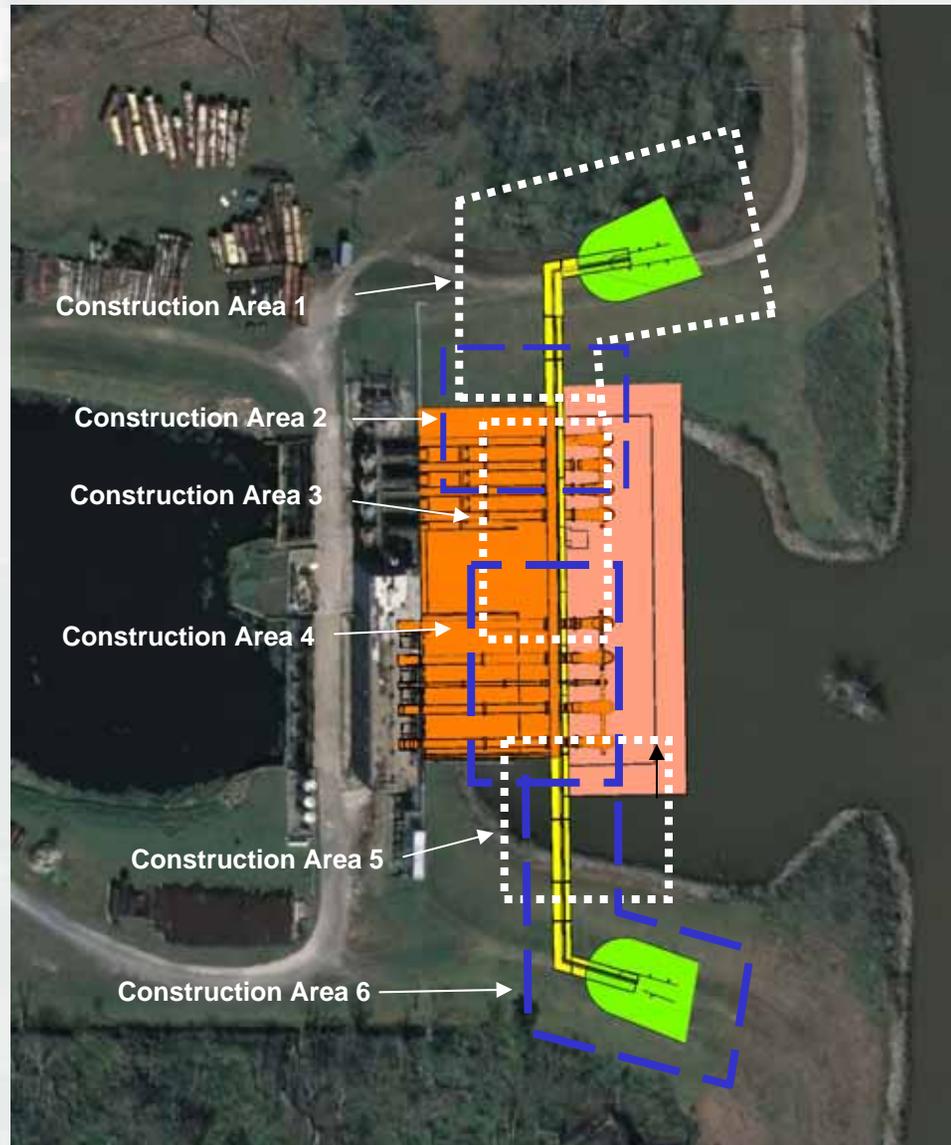
Belle Chasse II Pump Station

Fronting Protection



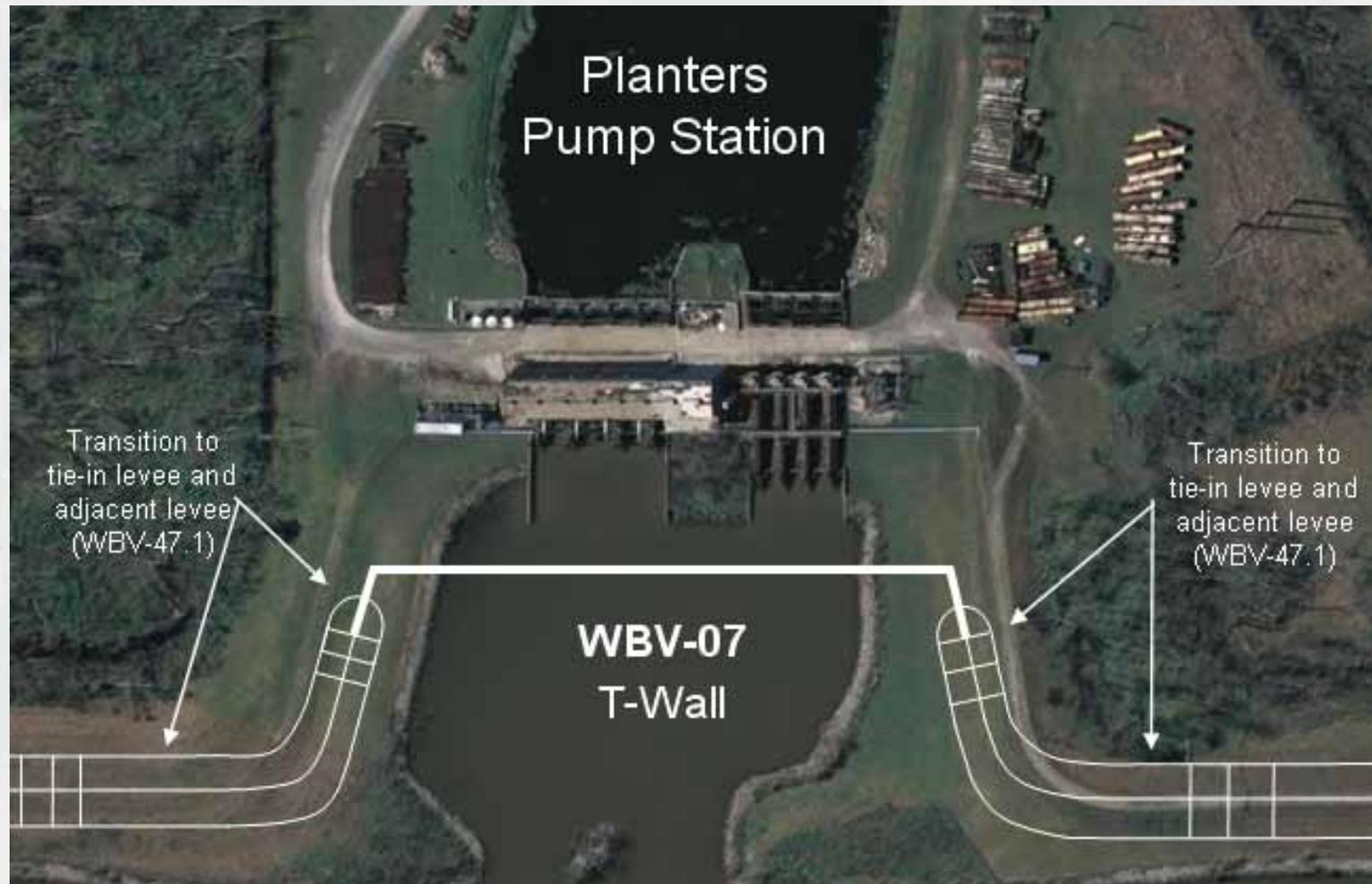
Planters Pump Station

- Includes 9 pumps with a maximum capacity of 2,440 cubic feet per second
- Construction will be done in phases
- There will not be concurrent construction in Areas 3 and 4
- Phased construction maximizes pump capacity during construction



Planters Pump Station

Fronting Protection



Existing Fronting Protection Ames Pump Station

Once construction of fronting protection on the Plaquemines Parish Pump Stations are completed, the view from the Algiers Canal will look similar the Ames Pump Station



What To Expect During Construction of Fronting Protection at Pump Stations

- **Construction impacts**
 - Elevated noise levels from motors, pumps, generators, pile driving, etc.
 - Increased truck traffic
- **Corps' efforts to minimize impacts**
 - Contractor has ability to both use canal and road access
 - Wet unpaved roads (to minimize dust)



Construction of T-walls in front of the Belle Chasse I, Belle Chasse II and Planters Pump Station will require pile driving.

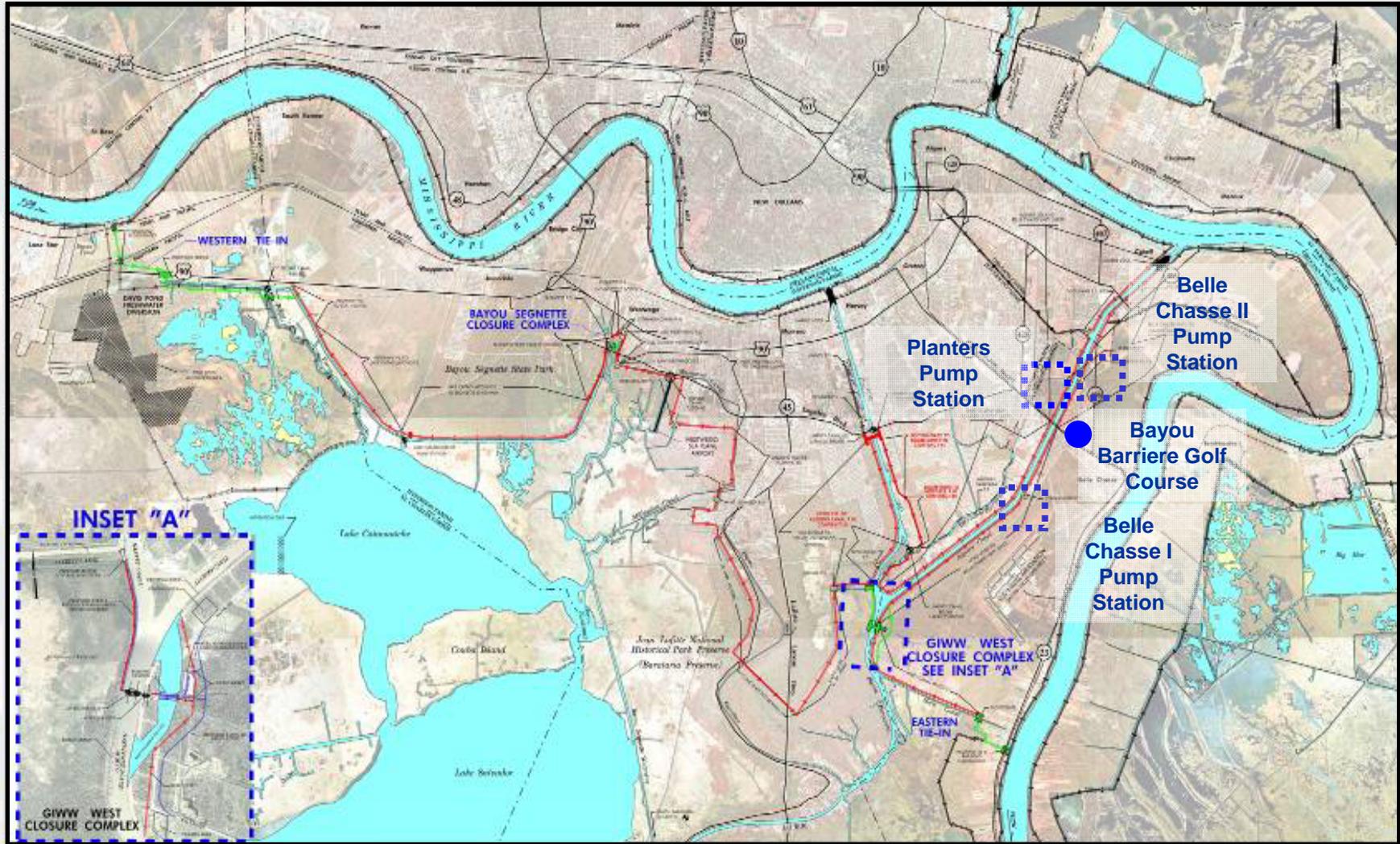


Waiver for Extended Work Hours Granted

- **Corps requested a waiver from Plaquemines Parish to allow for extended work hours**
- **Belle Chasse I work hours would be 24/7**
 - **No pile driving limitations**
- **Belle Chasse II work hours would be 24/7**
 - **There will be no pile driving or extracting operations from between the hours of 9:00 p.m. and 6:00 a.m.**
- **Planters Pump work hours would be 24/7**
 - **There will be no pile driving or extracting operations from between the hours of 9:00 p.m. and 6:00 a.m.**



Westbank and Vicinity Risk Reduction

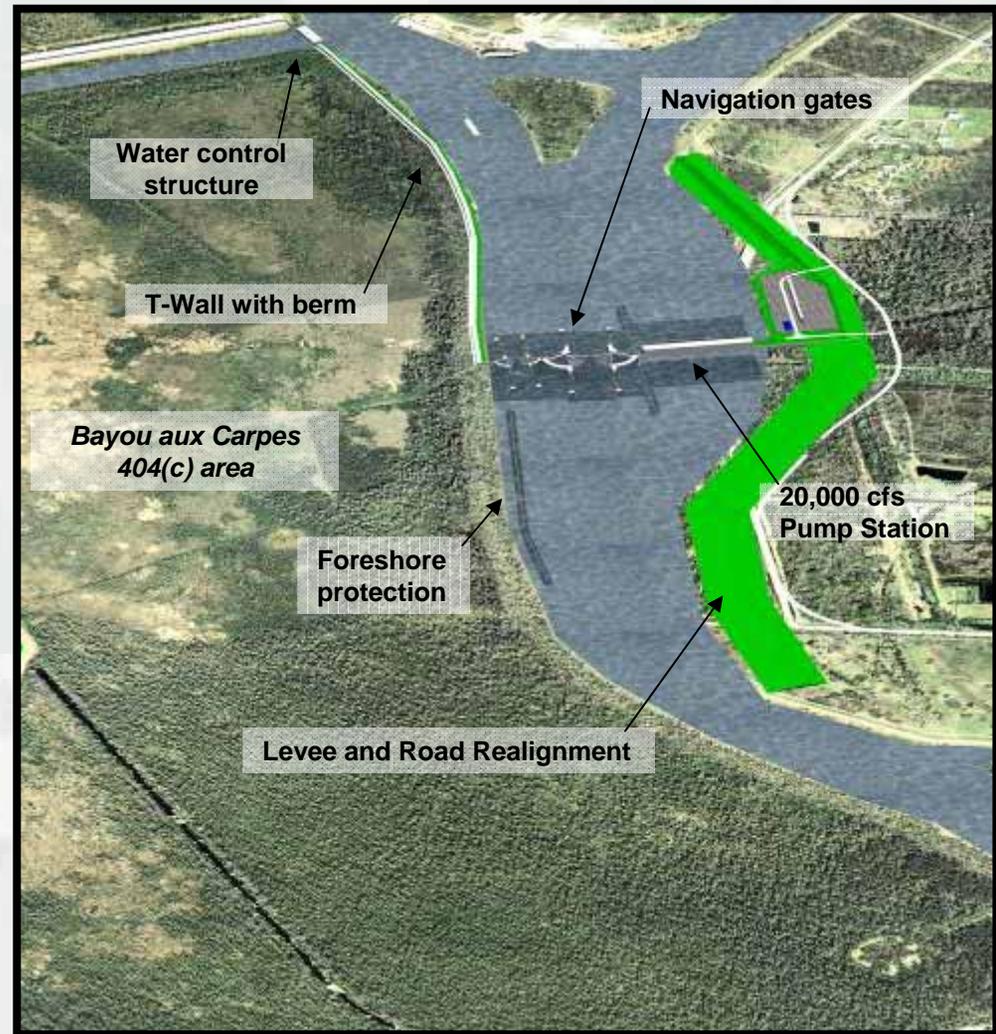


- Current or approved alignments
- Proposed or recommended alignments



Gulf Intracoastal Waterway West Closure Complex

- Most significant feature of the Westbank and Vicinity Project
- Includes the nation's largest Pump Station (20,000 cubic feet per second)
- 225-foot primary navigation gate
- 75-foot secondary navigation gate
- T-wall along edge of Bayou aux Carpes CWA 404(c) wetlands
- Water Control Structure
- Levee and East Bayou Road Realignment
- Environmental Mitigation and Augmentations
- Foreshore Protection



Gulf Intracoastal Waterway West Closure Complex Pump Station



The completed pump station will be about 80 ft tall and 600 ft long



Gulf Intracoastal Waterway West Closure Complex Pump Station



The 20,000 cubic feet per second pump station would evacuate stormwater from the Harvey and Algiers canals during a storm event.



Gulf Intracoastal Waterway West Closure Complex



Construction of the GIWW West Closure Complex began in early August



Onsite Inspection

Quality Control/Quality Assurance

- Onsite Corps employee oversight
- Monitors the construction contractor
- Ensures sites are safe and signage is clear
- Confirms traffic control measures are maintained and meet safety standards
- Knowledgeable of site activities



Currently Available for Public Review

IER 30 – Contractor Furnished Borrow Material #5

- Released Aug. 14, 2009
- Comment period closes on Sept. 12, 2009

Note - copies available at www.nolaenvironmental.gov or by request



Upcoming Public Meetings

Saturday, Sept. 12, 2009

**New Orleans to Venice Scoping meeting
Woodland Plantation
21997 Highway 23
West Point a La Hache, LA 70083
Open House 9:00 to 9:30 a.m.
Presentation 9:30 a.m.**

Saturday, Sept. 12, 2009

**New Orleans to Venice Scoping meeting
Boothville-Venice Elementary School
#1 Oiler Dr.
Boothville, LA
Open house 3:00 p.m. to 3:30 pm
Presentation 3:30**

Monday, Sept. 14, 2009

**Orleans metro construction impacts
St. Dominic's Elementary School Gym
6326 Memphis St.
New Orleans, LA 70124
Open House 6:00 to 6:30 p.m.
Presentation 7:00 p.m.**

Thursday, Sept. 17, 2009

**Jefferson Parish Lakefront Construction
Congregation Gates of Prayer
4000 West Esplanade Ave
Metairie, Louisiana 70002
Open House 6 to 6:30 p.m.
Presentation 6:30 p.m.**

Saturday, Sept. 19, 2009

**Eastern Tie In and Plaquemines Parish Non-
Federal Levee public workshop
Belle Chasse High School
8346 Highway 23
Belle Chasse, LA 70037-2694
Opening remarks 9:00 a.m.
Sessions 9:30 a.m.**

Wednesday, Sept. 23, 2009

**Section 106 Coordination public meeting
Goldring Woldenberg Jewish Community
Campus
3747 West Esplanade Ave.
Metairie, LA 70002
Open House 6:00 to 6:30 p.m.
Presentation 6:30 p.m.**



Opportunities for Public Input

- Regular public meetings throughout the Hurricane and Storm Damage Risk Reduction System (HSDRRS) Area
- Make sure to sign in tonight to get on our meeting notification mailing list
- Comments can be submitted at any time at www.nolaenvironmental.gov

Questions and comments may be submitted to
Telephone: 504-862-2201
[E-mail: AskTheCorps@usace.army.mil](mailto:AskTheCorps@usace.army.mil)



Resources

www.nolaenvironmental.gov

NOLA Environmental
NEW ORLEANS, LOUISIANA
Environmental Compliance Data Bank
www.nolaenvironmental.gov

PROJECTS | MEETINGS | LIBRARY | DATA VIEWER | GET INVOLVED | RELATED LINKS

Welcome to NOLA Environmental! This site has been set up to share with the public the efforts being made by the U.S. Army Corps of Engineers and other federal and state agencies in south Louisiana regarding the environmental compliance for proposed federal and state Hurricane Risk Reduction Projects. Additional information pertaining to other federal and state agencies' hurricane recovery efforts in southeast Louisiana will also be posted on the site as it becomes available.

The U.S. Army Corps of Engineers, Mississippi Valley Division, New Orleans District implemented Alternative Arrangements on March 13, 2007 under the provisions of the Council on Environmental Quality Regulations for implementing the National Environmental Policy Act (40 CFR § 1506.11). Learn more...

Announcements

- Draft IER 7 Public Comment Period 5/6 - 6/4
- Draft IER 13 Comment Period extended to 5/18
- Draft IER 5 Public Comment Period 5/4 - 4/3
- Draft IER 16 Public Comment Period 5/1 - 5/30
- Draft IER 6 Public Comment Period 4/24 - 5/23
- IER 6 - The Clean Water Act Section 404 Public Notice Comment Period 4/24 - 5/23
- Orleans Parish Pump Station Stormproving EA #474 Drafts Public Comment Period 4/17 - 5/23
- Jefferson Parish Pump Station Stormproving EA #470 Drafts Public Comment Period 4/14 - 5/20
- Draft IER 10 Public Comment Period 4/13 - 5/12

More...

Upcoming

- 05/11/2009 - Public Meeting IER 6, 9, 10 and borrow)
- 05/12/2009 - Draft IER 10 Public Comment Period Ends

More...

Newly Available

NEW NOLA Environmental Basic Data Viewer

- News Release 04 May 09 Draft IER 5
- IER 5 - Phase 2 Final Report: Operating Scenario Analysis

More...

FEATURED PROJECT

USACE-MVH Emergency Alternative Arrangements
Greater New Orleans
Hurricane and Storm Damage
Risk Reduction System Projects

<http://www.mvn.usace.army.mil>

U.S. Army Corps of Engineers New Orleans District - Microsoft Internet Explorer, provided by USACE, New Orleans District

US Army Corps of Engineers
New Orleans District

Floodwall

Building Micro-Super, stronger, better. The U.S. Army Corps of Engineers is continuing to work aggressively to complete the Hurricane and Storm Damage Risk Reduction System (HSDRS) by 2012. To this end, the Corps is using valuable persons, known to construct more resilient homes and floodwalls.

See to yourself...

PUBLIC INFORMATION

Learn more about what the Corps is doing to reduce our impact.

Emergency Information
Food Assistance, Disaster Response, Health Information and More...

NOLA Environmental
Did you miss a meeting? No problem! Find agendas, minutes, presentations and more...

TOP HEADLINES

Document reference access on Webcast? More

Casey Minkema environmental document for public review

Ready to provide updates on Webcast, see discussion earlier

Casey Minkema: Inaugural Remarks and Presentation on the New Orleans Lock

Env't - Casey / Steve / DM

ASK THE CORPS

The Corps wants to hear from you!

Q: Do you have information on the closing of Industrial Lock on August 1, 2009 for 60 days?

A: Yes, for information regarding the August 1st closing of the lower Harbor Navigation Canal Lock, please visit www.usace.army.mil.

Submit questions or comments to askthecorps@usace.army.mil

FEATURED VIDEOS

Meet Orleans Complex
Learn more about the alternative under consideration to reduce risk on the Warrick, South...

Hurricane & Storm
Damage Risk Reduction
System
From levees to
canals, stations, find
out more about system
features.

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