

# Greater New Orleans Hurricane and Storm Damage Risk Reduction System (HSDRRS)

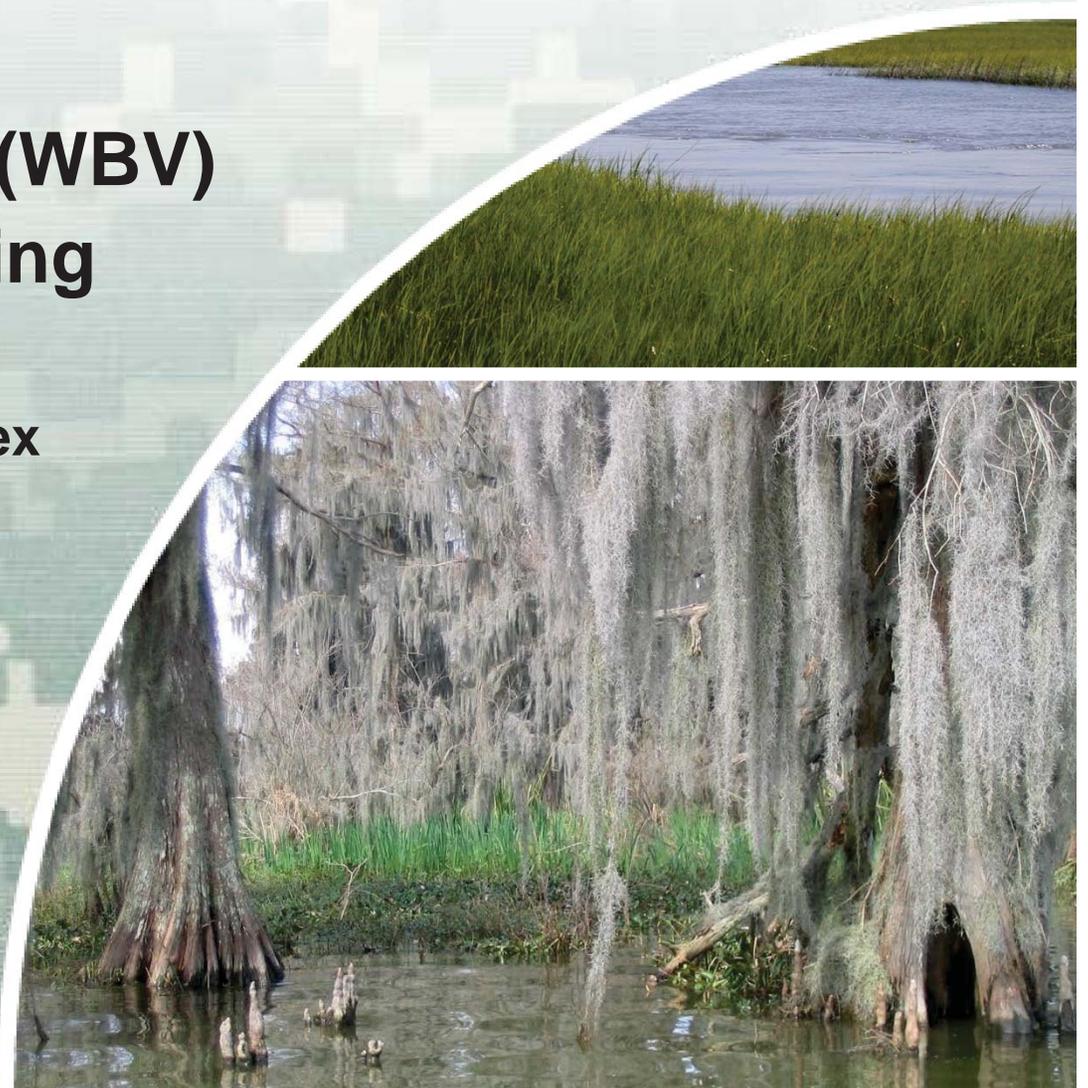
West Bank & Vicinity (WBV)  
PIER #37 Public Meeting

Matthews Government Complex  
Matthews, LA  
May 21, 2013

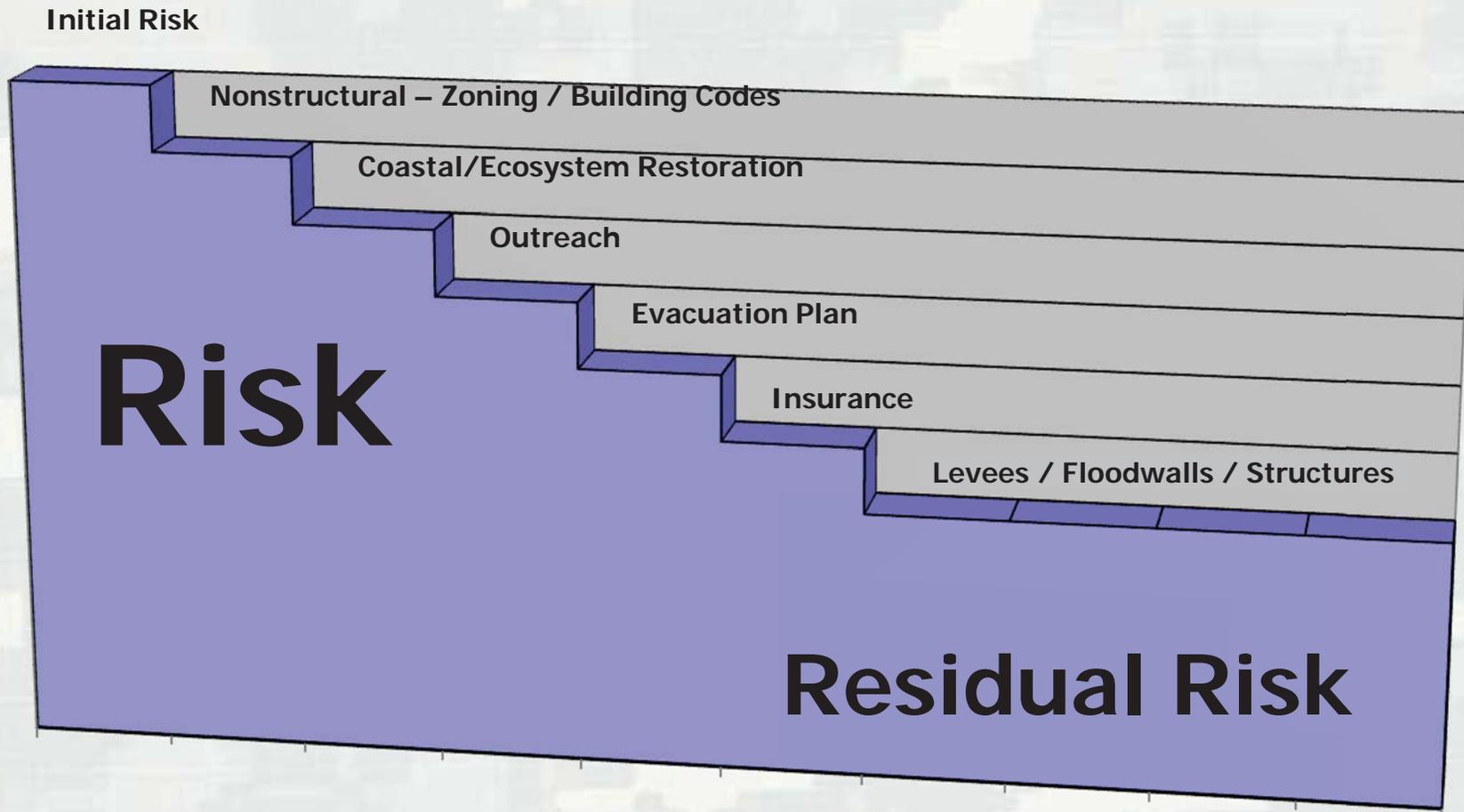


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# Risk – Shared Responsibility



# National Environmental Policy Act (NEPA)

- Ensures the consideration of reasonable alternatives for taking a proposed federal action including the alternative of “no action”
- Ensures an analysis of the potential impacts to the human and natural environment quantified to the extent possible
- Ensures the impact analysis are presented in an environmental assessment document
- Procedures insure that environmental information is available to the public BEFORE decisions are made
- Public Involvement is KEY. We want to hear from you!



# Environmental Mitigation

- Avoid impacts to natural resources
- Minimize impacts to the greatest extent possible
- Compensate for unavoidable impacts
- Mitigation plans will be discussed in environmental documents
- Mitigation is fully funded



# West Bank & Vicinity (WBV) Affected Habitats



Bottomland Hardwoods Wet



Bottomland Hardwoods Dry



Swamp



Fresh Marsh



# Hurricane & Storm Damage Risk Reduction System Mitigation Policies

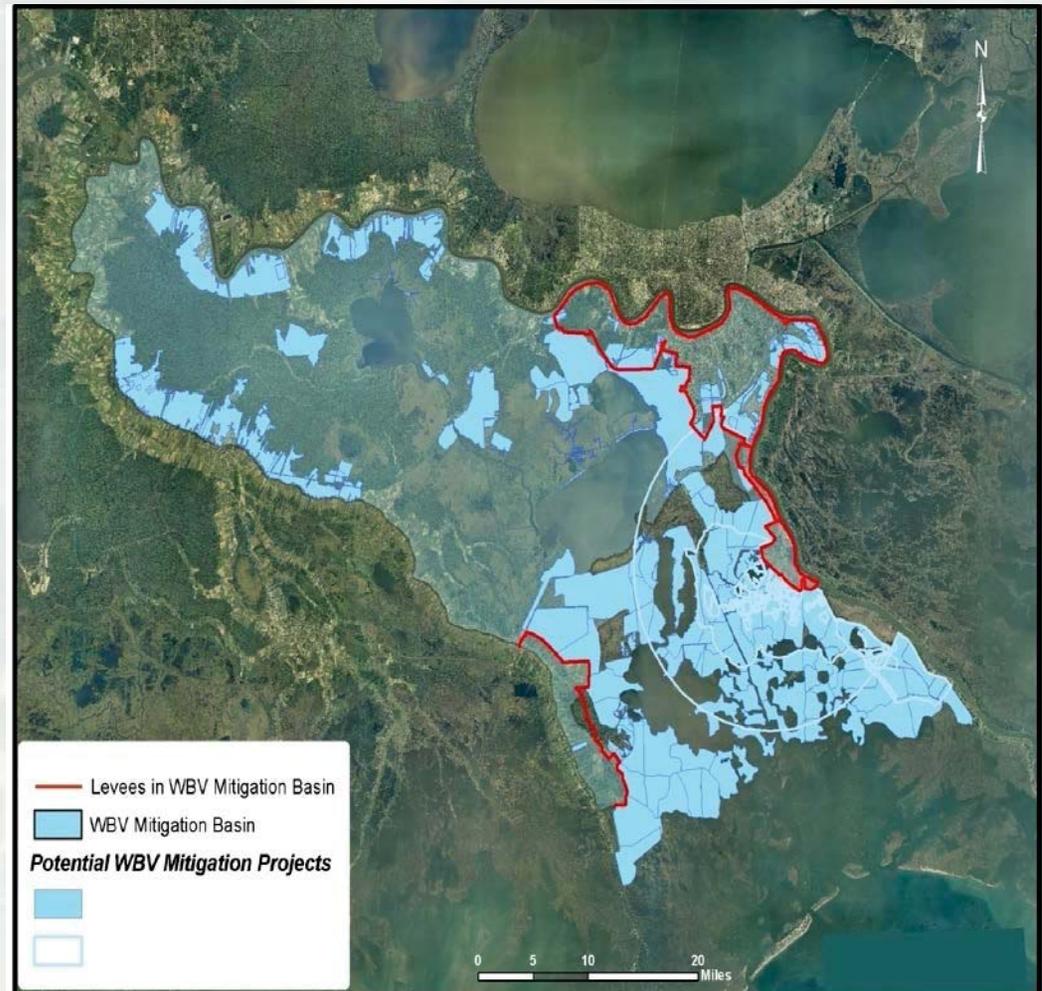
In accordance with Section 2036 of WRDA 2007, mitigation would occur:

- Within the same watershed / hydrologic basin (Barataria)
- Mitigate in-kind - within same habitat type
  - Bottomland hardwoods
  - Swamp
  - Fresh marsh

## Options considered:

(not organized in order of priority)

- Corps constructed projects on public lands
- Corps constructed projects on private lands
- Mitigation Banks



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Job No. EGIS\_10\_085\_LP\_V\_WBV\_Mitigation\_Support\_FY2010\_2011

# Initial Screening Criteria Summary

- Compliance with laws, regulations and policies
- Avoid Hazardous Toxic and Radioactive Waste
- Within WBV Mitigation Basin (Barataria)
- Must address 100% of mitigation need in kind by habitat type
- Technically viable (e.g. correct salinity)
- No conflicts with other projects constructed or planned for construction
- Not dependent upon another project
- Can be adjusted to meet mitigation requirement only
- Addresses multiple mitigation requirements in one project area
- Addresses opportunities to expand existing resource-managed areas



# Mitigation Plan Selection Criteria

- **Risk & Reliability:**

e.g. Sustainability, Implementability, Uncertainty, Adaptability

- **Environmental:**

Environmental Impacts

- **Watershed & Ecological Site Considerations:**

e.g. Fragmentation, connectivity, habitat linkage, location in watershed, consistency with watershed plans

- **Time:**

Duration to contract award & time to physical construction complete/initial planting

- **Cost Effectiveness:**

Average annual cost per average annual habitat unit

- **Other Cost Considerations:**

Cost included Construction, Engineering & Design, Construction Supervision and Administration, Real Estate, and Operation and Maintenance



# WBV Tentatively Selected Mitigation Plan Alternative (TSMMPA)



Job No. EGIS-2010-065

0 5 10 Miles

Map Created: 03 Oct 2013

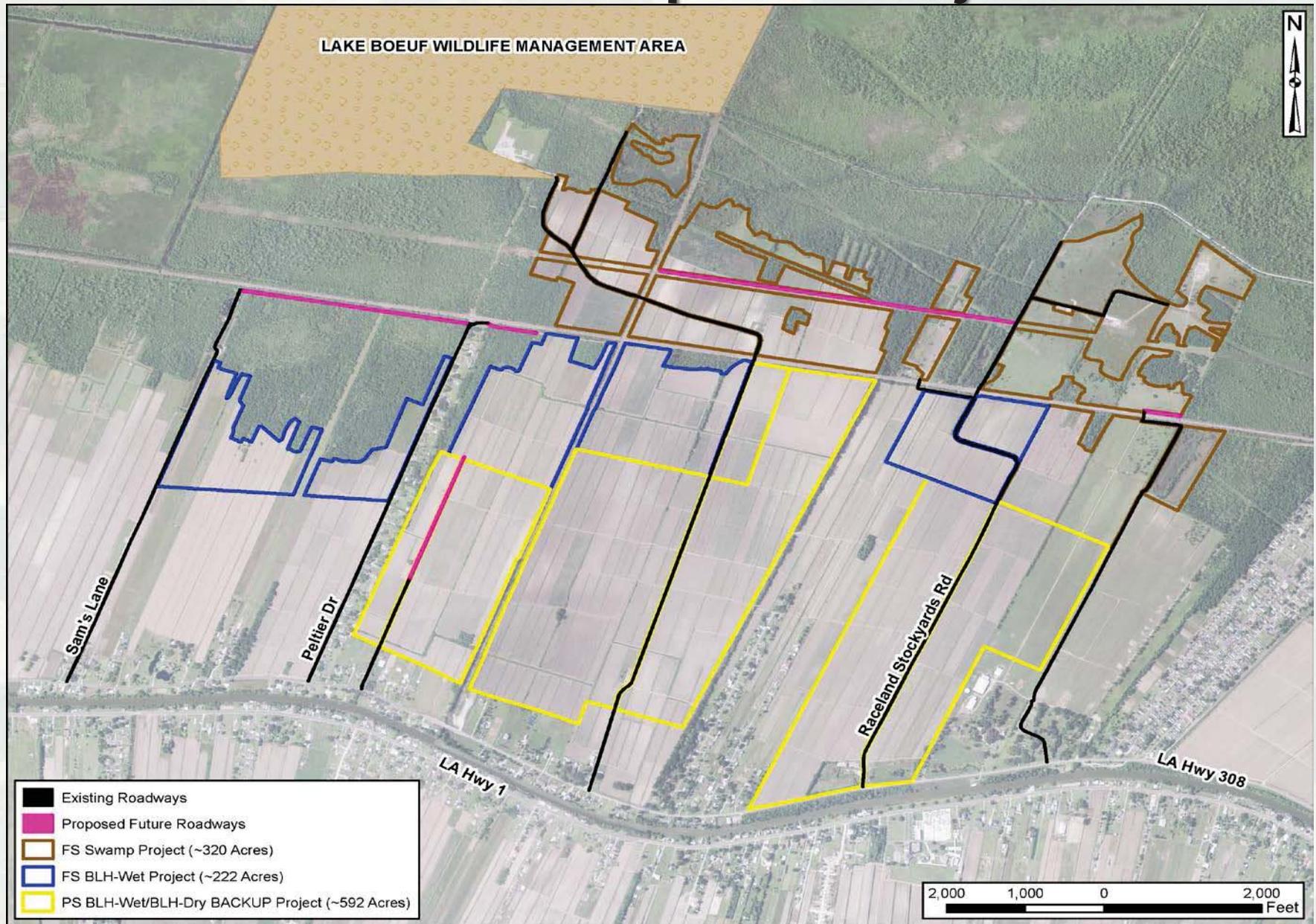
# Tentatively Selected Plan Projects

Project Type	Quantity (acres)
Mitigation Bank Project	480*
Corps Constructed, National Park Projects	191
Corps Constructed, Lake Boeuf Projects	542
<b>Total</b>	<b>1,213</b>

\*approximate quantity, actual amount would be based on the mitigation potential at the bank selected for use.



# Lake Boeuf Proposed Projects



# **WBV Mitigation NEPA Compliance and Implementation**

- **Programmatic Individual Environmental Report (PIER)**
- **Implement Mitigation Bank TSP (contingent upon cost / availability)**
- **Tiered Individual Environmental Reports (TIERs)**
- **Implement TSP covered in each TIER following TIER approval**



# WBV Mitigation Tentative Timeline

## Completed Tasks:

4 Public Meetings	Summer 2010, Summer & Fall 2012
Identify Proposed Action	Fall 2011
Release Programmatic Individual Environmental Report	Spring 2014

## Tasks to be completed:

Decision on Mitigation Plan	Summer 2014
Mitigation Bank project, Award	Fall 2014
Corps Construction Projects - Environmental Report(s) – TIER(s)	TBD
Corps Constructed Projects- Decision Document(s)	TBD
Corps Constructed Projects- Real Estate Rights of Entry for investigation	TBD
Corps Constructed Projects- Advanced Design	TBD
Corps Constructed Projects- Real Estate Acquisition	TBD
Corps Constructed Projects- Construction Contract Award	TBD



# *Opportunities for Public Input*

- **Public meetings throughout the Hurricane and Storm Damage Risk Reduction System (HSDRRS) area**
- **Sign in tonight to be added to our meeting notification mailing list!**
- ***Construction Impacts Hotline: 1- 877- 427- 0345***

**The Environmental Manager for this proposed project is:**

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U.S. Army Corps of Engineers  
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# Resources

[www.nolaenvironmental.gov](http://www.nolaenvironmental.gov)

[www.mvn.usace.army.mil](http://www.mvn.usace.army.mil)

**NOLA Environmental**  
NEW ORLEANS, LOUISIANA  
Environmental Compliance Data Bank  
[www.nolaenvironmental.gov](http://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 EA 426, **Comite River Diversion Public Comment Period 6/15 - 7/16 (Public Notice)**
- The Decision Record for **IERS 11.d** has been signed by the District Commander (5/30/12)
- The Decision Record for **IERS 2.a** has been signed by the District Commander (2/9/12)
- The Decision Record for **IERS 25.a** has been signed by the District Commander (1/13/12)
- The Decision Record and Section 404(b)(1) Evaluation for **IERS 33.a** has been signed by the District Commander (1/11/12)

[More...](#)

**Upcoming**

- 07/31/2012 - **Public Meeting West Bank & Vicinity Mitigation**

[More...](#)

**Newly Available**

**NEW >>** [NOLA Environmental Mitigation](#)

- 31 May 2012 **Mitigation Scoping Meeting Presentation Plaquemines Parish New Orleans to Venice (NOV) and Non-Federal Levee(NFL) Project Status**
- 31 May 2012 **Public Meeting Summary Plaquemines Parish Federal and Non-Federal Mitigation Public Meeting**
- News Release 29 May 2012 **Mitigation Scoping Meeting Presentation Plaquemines Parish New Orleans to Venice (NOV) and Non-Federal Levee(NFL) Project Status**

**FEATURED PROJECT**

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

**US Army Corps of Engineers**  
NEW ORLEANS DISTRICT

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**HOT INFO** Permanent Pumps (PCCP) | SELA Jeff Ave | Southwest Coastal

**Permanent Canal Closures & Pumps**

The Corps awarded the approximately \$615 million contract to construct Permanent Canal Closures & Pumps (PCCP) at the mouths of the 17th Street, Orleans Avenue and London Avenue outfall canals on April 17, 2013 to PCCP Constructors JV. The PCCP will provide a permanent and more sustainable measure for reducing the risk of a 100-year level storm surge entering the outfall canals

[Website](#)

**HSDRRS**  
Hurricane and Storm Damage Risk Reduction System

**NAVIGATION**

**PERMITS**

**Most Requested**

- Contact the Corps
- Contract with the Corps
- Employment with Us
- Family Readiness
- Navigation
- Coastal Restoration
- District Projects Listing
- HSDRRS Contract Listing
- Regulatory (Permits)
- Recreation
- Small Business

**Latest News Releases**

Corps neutral ground work on St. Charles Avenue to be postponed

NEW ORLEANS – The U.S. Army Corps of Engineers, New Orleans District, is postponing drainage work in  
*Published: 5/12/2014*

Corps participates in Interagency Mall Exhibition Program as part of Federal Executive Board's Public Service Recognition Week

NEW ORLEANS, LA – As part of the Federal Executive Board's Public Service Recognition Week, the U.S.  
*Published: 5/9/2014*

**SELA-Uptown/Jefferson Ave Construction Schedule**

**Photos**

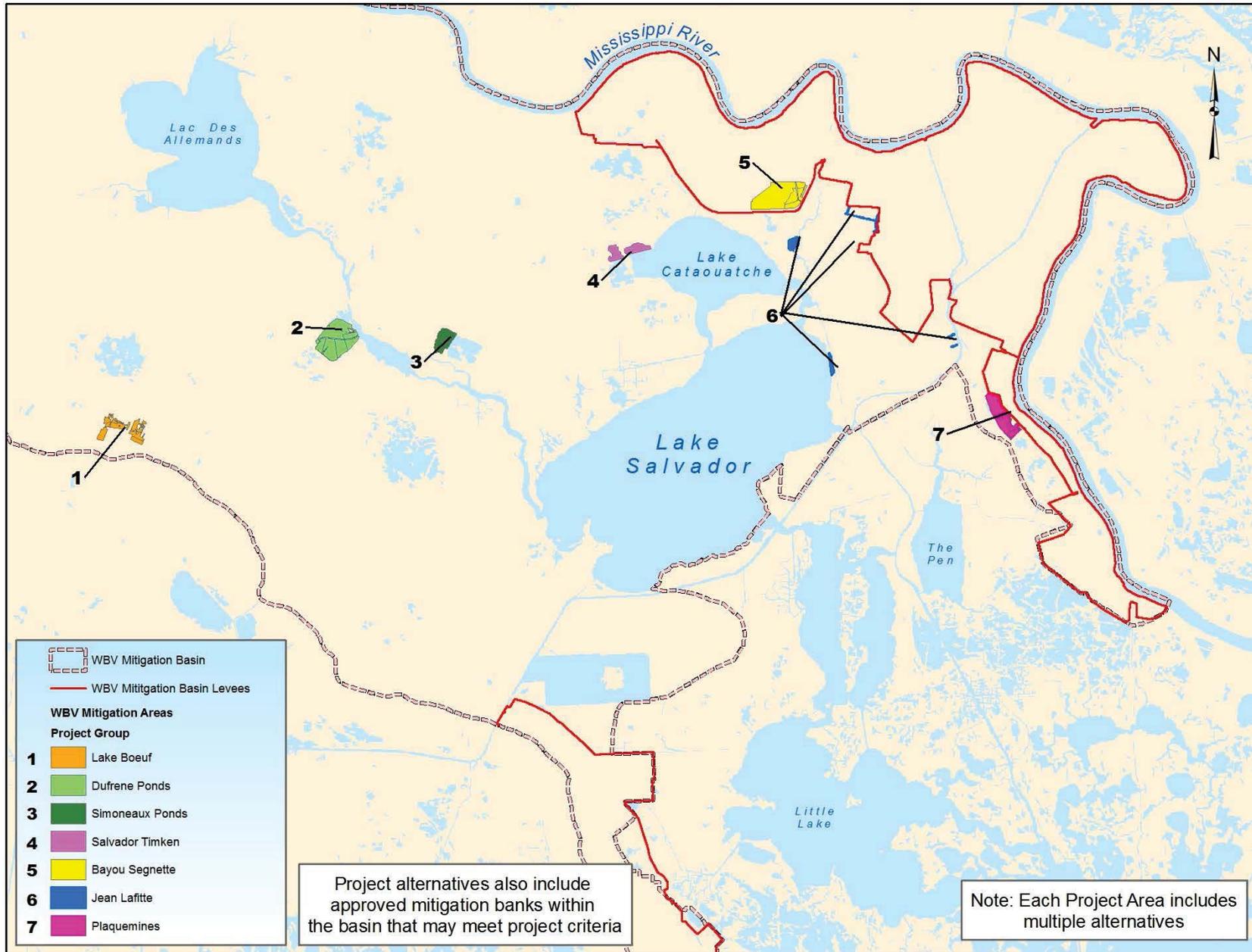
# Feedback Session



# Backup Slides



# Initial Screening Results

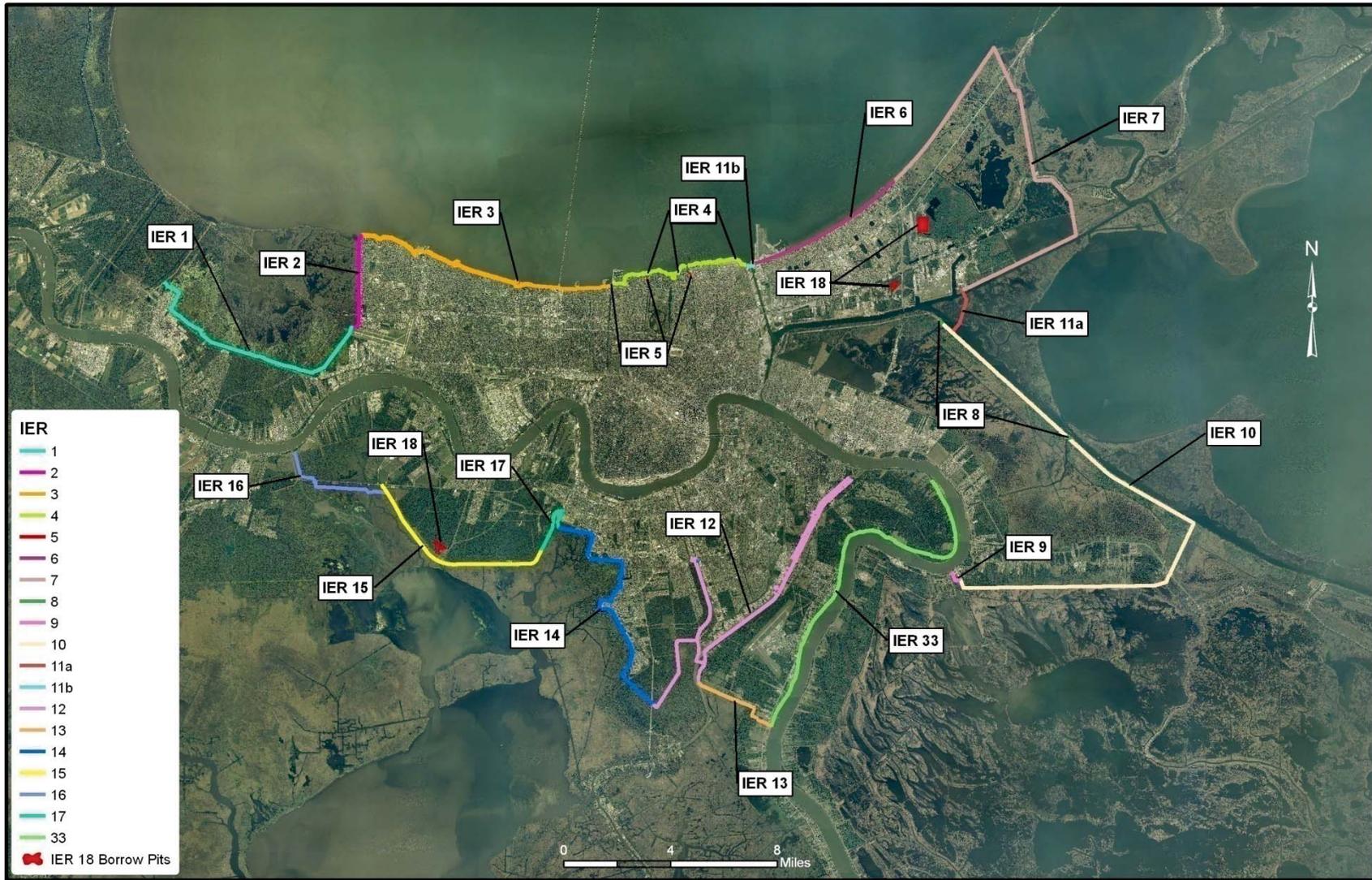


# WBV & WBV Previously Authorized Mitigation Acquisition Process for projects authorized by Congress





# Individual Environmental Report Projects



Job No. EGIS-2010-065

Map created: 1 Sep 2011