100 Year Hurricane Protection Projects
West Bank and Vicinity
Lake Pontchartrain and Vicinity

April 4, 2007 - 7:00 – 9:00 pm
St. Bernard Parish Government
8201 W. Judge Perez Rd.
Chalmette, Louisiana
Environmental Compliance

37 Environmental Laws that must be considered.

National Historic Preservation Act
Endangered Species Act
Clean Water Act
National Environmental Policy Act
“NEPA”
National Environmental Policy Act of 1969  
“NEPA”

- Required that an environmental analysis be prepared for major federal actions.

- Analysis looks at potential impacts to the human environment.

- Coordination with Federal and State Resource Agencies, Environmental Groups and the Public.
Typical Analysis

• Purpose & Need for the Project
• Alternatives (including No-Action, Non-Structural Alternatives)
• Natural Environment
  Fish & Wildlife, Wetlands, Water Quality, Hydrology, Endangered Species, Direct, and Cumulative Impacts
• Man-made Environment
  Socio-Economic, Cultural, Recreation, Air Quality, and Hazardous Materials
• Mitigation
NEPA Scoping Process

“There shall be an early and open process for determining the scope of issues to be addressed and for identifying the significant issues related to the proposed action.”
Scoping Process

• Public meetings and written comment period.
• Opportunity for public and other interested parties to express concerns and suggest alternatives to be considered by Corps.
Scoping Questions

Question #1: What are the most important issues, resources, and impacts that we should consider in the IER?

Examples:
– hurricane and flood protection
– protection of the environment (ie: wetlands, water quality, threatened and endangered species)
– protection of lives, homes, businesses, other properties
– protection of infrastructure (ie: roads, communications)
Scoping Questions

Question #2: Are there any other alternatives or modifications to existing alternatives that we should consider in the IER?

Examples:
- Other alternatives that provide hurricane protection
- Non Structural alternatives (raise roads, homes, etc)
Scoping Report

A Scoping Report will be written that summarizes the significant issues, alternatives and concerns of the public.

Monthly Meetings

Monthly public meetings will be held during the duration of the project. First meetings will start in May 2007.
Project Study Area

Sub Basins and Representative Project Groups

Map Legend
IER PROJECT GROUP
IER 01  IER 10
IER 02  IER 11
IER 03  IER 12
IER 04  IER 13
IER 05  IER 14
IER 06  IER 15
IER 07  IER 16
IER 08  IER 17
IER 09

SUB BASIN
- Bubu-Chasses
- Dracena-Aigues
- Honey-Wozonego
- Jefferson-East Bank
- Lake Catematche
- Orleans-East Bank
- New Orleans-East
- St. Bernard
- St. Charles

St John the Baptist
St. Tammany
St. John
St. Charles
Orleans
New Orleans East
Jefferson
Harvey
Lafayette
ILI
ORLEANS
JEFFERSON
HARVEY
ORLEANS EAST BANK
NEW ORLEANS EAST
IBLES
ORLEANS EAST BANK

US Army Corps of Engineers

St. Bernard Parish Hurricane Protection System
St. Bernard Parish HPS
Completed Repairs
St. Bernard Parish HPS
On-going Repairs

- Entire levee will be at 20’
- Levee being fertilized and Seeded
Lake Pontchartrain and Vicinity (LPV) Summary

LPV 144.01 – Bayou Bienvenue Flood Gate
LPV 144.02 – Bayou Dupre Flood Gate
LPV 145 – Bayou Bienvenue to Bayou Dupre Levee
LPV 146 – Bayou Dupre to Hwy 46 Levee
LPV 147 – Hwy 46 Crossing and Bayou Road Flood Gate
LPV 148 – Verret to Caernarvon Levee
LPV 149 – Caernarvon Floodwall
Alternatives being considered, include:

1) Modify gates in place

2) Construct new gates in vicinity of existing gates
Alternatives being considered, include:

1) Earthen levee
Alternatives being considered, include:

1) Ramp over Hwy 46 and a new Flood gate at Bayou Road

2) Ramp over Hwy 46, remove flood gate at Bayou Road and provide access via Hwy 46
Alternative (1):
1) Ramp over Hwy 46 and replace flood gate at Bayou Road
Alternative (2):

2) Ramp over Hwy 46, remove flood gate at Bayou Road and provide access via Hwy 46
Alternatives being considered, include:

1) Earthen levee
Alternatives being considered, include:

1) Replace I-wall with T-wall in existing ROW

2) Levee Realignment:
   2.1 - West of existing alignment
   2.2 - East of existing alignment
Alternative (1):

1) Replace I-wall with T-wall in existing ROW

Alternative (2.1):

2.1) West of Existing Alignment

Alternative (2.2):

2.2) East of Existing Alignment

St. Bernard Parish
Hurricane Protection System
Chalmette Loop Levee
LPV 149
Caernarvon Floodwall
St. Bernard Parish
Hurricane Protection System
Chalmette Loop Levee
Non-Federal
Levee Alternative
IHNC Alternative Concepts

*These renderings are preliminary and represent alternative concepts only. They do not represent the final design or placement of the proposed gates and or canals. Therefore, no one should place any reliance on, or make any decisions based upon, these preliminary renderings.

Questions regarding these proposed actions should be addressed to:
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