

APPENDIX A

Stakeholder Engagement - Summary of Interview Process

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1 Introduction

Public and stakeholder input was sought throughout preparation of the Draft Comprehensive Plan for Coastal Restoration for Terrebonne Parish. Structured interviews with stakeholders and public presentations at all regular Coastal Zone Committee meetings were the principal means of gathering inputs.

1.1 Interviews

During the months of October, November, and December of 2008, interviews were conducted with numerous agency representatives, Parish elected officials, the Terrebonne Parish Coastal Zone Committee Members, as well as public stakeholders within Terrebonne Parish. Conference calls or meetings were arranged with each individual or group as requested. During these interviews, a series of questions was presented and responses were documented. Those participants who were unable to arrange a meeting time or conference call were asked to submit responses to the list of questions by email if possible. A copy of the questionnaire is located in section 2.1.2 and a summary of the responses can be found in section 2.1.3.

1.2 Coastal Zone Committee Meetings

Coastal Zone Committee Meetings are held the first Tuesday of every month in Terrebonne Parish at 5:30 P.M. at the Terrebonne Parish Governmental Building when schedule and weather permitting (see **Table 1.1** for meeting schedule). Presentations were made at each scheduled meeting beginning August 2008, in order to address questions regarding the development of the Plan and to provide an update to the committee members and public stakeholders present as to the progress-to-date. Official meeting minutes from each of the scheduled Coastal Zone Committee meetings are provided and can be found in section 2.2. Presentations given to the Committee are located in section 2.3.

Table 1.1 Terrebonne Parish Coastal Zone Committee Meeting Schedule, 2008-2009

Meeting Number	Meeting Date
1	August 5, 2008, 5:30 P.M.
2	September 2, 2008. Meeting Cancelled due to Inclement Weather
3	October 7, 2008 , 5:30 P.M
4	November 11, 2008, 5:30 P.M.
5	December 2, 2008, 5:30 P.M.
6	January 6, 2009, 5:30 P.M.
7	February 3, 2009, 5:30 P.M.
8	March 3, 2009, 5:30 P.M.
9	April 3, 2009, 5:30 P.M.
10	May 7, 2009, 5:30 P.M

2 Summary of Stakeholder Comment

2.1 Stakeholder Interviews

2.1.1 List of Stakeholders Interviewed

Leslie Suazo	Simone Maloz
Michel Claudet	Steve Peyronin
Al Levron	Kerry St. Pe
James Miller	Andrew Barron
Alvin Tillman	Jane Arnette
Harold Lapyre	Alexis Duval
Dave Fruge	Clayton Voisin
Heather Finley	Berwick Duval
Manuel Ruez	Wilson "Doc" Gaidry
Lori Leblanc	Gerald Schouest
Chris Knotts	Paul Yakupzack
Tim Landers	Don Grissom
Ronnie Paille	Nolan Bergeron
John Jergensen	Kirk Rhinehart
Cheryl Brodnax	Bren Haase
John Petitbon	Jon Ettinger
Sue Hawes	Reggie Dupre
Tim Allen	Damon Baldone
Greg Linscombe	

2.1.2 Questionnaire

Comprehensive Plan for Coastal Restoration in Terrebonne Parish Project Initiation Questionnaire

The Terrebonne Parish Consolidated Government (the Parish), through its Office of Coastal Restoration and Preservation, is committed to providing aggressive leadership, direction, and consonance in the development and implementation of comprehensive policies, plans, and programs which encourage multiple uses of the coastal zone and achieve a proper balance between the multiple needs of coastal resources in Terrebonne Parish. In light of these facts, the Parish, acting on the recommendation of its Coastal Zone Management and Restoration Advisory Committee, seeks to develop a Comprehensive Plan for Coastal Restoration (CPCR) for the Parish. The Parish has contracted Halcrow, Inc. to support the development of this plan. The goal of the CPCR is to identify restoration projects throughout Terrebonne Parish, potential funding sources for these projects, and specific actions to be taken by the Parish to facilitate implementation of these projects.

As part of this process, we would like to speak with you regarding the status of coastal restoration and the challenges faced by those who would implement restoration projects in the Parish. By agreement with the Parish, these interviews are being treated as confidential. Specifically, although we will list those participants who have agreed to be interviewed, no transcripts or audio recordings of interviews will be obtained and all comments will be presented in a single report that does not attribute the comments to their source. The findings of the interviews will be instrumental in formulating the CPCR for the Parish. The interviews are not anticipated to take more than an hour, and we can accomplish them via a conference call. In order to facilitate preparation, we are providing these questions in advance for your consideration.

Questions:

1. When considering Louisiana's Comprehensive Master Plan for a Sustainable Coast and its vision for the Terrebonne Basin, do you see any obstacles to implementing any specific recommendations? Are there any refinements to its recommendations for coastal restoration in the Terrebonne Basin that you would suggest?
2. In your opinion, what are the top three restoration priorities in the Terrebonne Basin? Why? This may refer to a landscape feature, a specific project, or a restoration technique.
3. What technical, policy, or stakeholder issues do you think are the most challenging when considering authorization of new projects in the Terrebonne Basin?
4. What technical, policy, or stakeholder issues are currently delaying implementation of projects authorized in the Terrebonne Basin? Is there anything that the Parish can do to facilitate resolution of these issues?
5. Of the available resources or technologies for coastal restoration in the Parish, are there any you think are currently underutilized? If so, why?
6. What funding mechanisms are currently available that you think may be underutilized in implementing restoration projects in the Parish? Does your agency offer specific grant programs that are open to the Parish for implementation of specific projects and programs to advance the CPR?
7. What, in your opinion, are the top three specific action items that the Parish needs to accomplish to accelerate restoration in the Terrebonne Basin?
8. Is there anyone you think we should interview as part of this process?
9. Is there anything we did not ask you about that you think would be instrumental in compiling the CPR?

Thank you for your time. Your inputs are invaluable to the process of defining a technically sound and implementable plan for the Parish to advance coastal preservation and restoration in the Parish.

2.1.3 Summary of Responses (With Question Included for Reference)

1. When considering Louisiana's Comprehensive Master Plan for a Sustainable Coast and its vision for the Terrebonne Basin, do you see any obstacles to implementing any specific recommendations? Are there any refinements to its recommendations for coastal restoration in the Terrebonne Basin that you would suggest?

- Funding constraints
- Resource constraints (sediment, freshwater)
- Landowners/Landrights
- Prioritize projects. Need a consensus on what priorities are.
- Have not identified "actual projects". Master Plan is conceptual and vague.
- Process to begin projects is long and arduous.
- Restoration has been set aside due to Morganza to the Gulf
- In regards to Morganza to the Gulf, there is a lack in specificity as to how we will manage the system (i.e. fisheries, overtopping, tidal exchange, etc).
- Need to optimize restoration priorities that are more sustainable.
- Most of the available funding should be spent on levees for protection. The funds leftover should be used to complete restoration projects that protect the levees.
- Our plans overstate our ability to follow through.
- Public and political willingness
- Controversy among the scientific community as to what works and what doesn't. There needs to be a consensus.

- There must be a lock on the GIWW. This will enable us to push water into southern Terrebonne.
- Conveying Atchafalaya River water to the east and the south will be complicated and may require “replumbing” the system.
- Davis Pond must be at maximum capacity.
- The levees need to be higher, wider, and maintained.
- Changing the flow at the Old River Control Structure will be an obstacle as Congress must approve this change. This change may allow for saltwater intrusion into the water supply of the Mississippi River and could possibly induce backwater flooding of developed areas due to the volume of water down the Atchafalaya.
- The selection of ridges to restore must be well thought out. One of the east-west ridges such as Marmande should be considered.
- We must assure that conveyance of Atchafalaya River water through the GIWW will not interfere with Acadiana Bays.

2. In your opinion, what are the top three restoration priorities in the Terrebonne Basin? Why? This may refer to a landscape feature, a specific project, or a restoration technique.

- Utilization of the Atchafalaya River
- Restoration of the barrier islands
- Freshwater into central, eastern and lower Terrebonne marshes
- Marsh creation (using sediment from offshore or from the Atchafalaya River through sediment pipelines)
- Plugging and backfilling of oil and gas canals
- Limit salt water intrusion
- Restoration of ridges and lake rims
- Shoreline protection
- Maintain hydrologic regime of the marshes
- Morganza to the Gulf trumps all restoration projects as restoration will not take care of flooding problems within the Parish.
- Need to decide which parts of the Parish that we want to protect.
- We cannot stop subsidence, land loss, and erosion, but we can slow it down. We need to decide which of the above we can successfully deal with and address those issues first.
- Need to include only “doable” projects and the benefits of completing those projects.
- The HNC lock is the first step to restoration for the Parish. It will allow management of freshwater and will be used for salinity control.
- Diversion off of Bayou Penchant

3. What technical, policy, or stakeholder issues do you think are the most challenging when considering authorization of new projects in the Terrebonne Basin?

- It is very difficult to convince any and all agencies to authorize projects within Terrebonne due to the constraints of this Parish. Cost benefit ratios are extremely high and there is a lack of available resources.
- Vastness of the area to be considered

- Distance to available resources
- Landowners/Landrights
- Agency conflict in regards to projects
- Bureaucracy
- Appropriate technique for barrier island restoration
- Recreational users of waterways and marshes throughout the Parish must understand and accept that change must occur in order to make meaningful progress.
- Lack of available funding
- Hydrologic issues such as backwater flooding
- The amount of work currently going on in Terrebonne Parish along with the amount of money that is already being spent there.
- Historically Terrebonne Parish has tended to support “looser” projects that have a low probability of funding. This must be corrected.
- There needs to be less talk concerning projects we may never see such as the 3rd Delta and movement of the HNC further south. This wastes a lot of our available time.
- Speak with “one-voice”

4. What technical, policy, or stakeholder issues are currently delaying implementation of projects authorized in the Terrebonne Basin? Is there anything that the Parish can do to facilitate resolution of these issues?

- Landowner rights
- Lack of available funding
- Marsh creation prioritization
- Hydrologic issues such as backwater flooding
- Challenge of bringing sediment and water into the Parish due to lack of riverine influence
- Distance to available sediment
- Amount of freshwater available
- Bureaucracy
- Zoning
- Leadership- speak with “one-voice”
- Lack of communication and education for the public
- Issues with the use of rock on barrier islands
- Do not currently have a clear understanding of land loss and the most efficient way to slow it down.
- The public needs to understand that restoration will not stop flooding.
- The process is too slow. By the time that projects are to be implemented, the data that the agencies have is no longer usable and, therefore, further study is required

5. Of the available resources or technologies for coastal restoration in the Parish, are there any you think are currently underutilized? If so, why?

- Optimization of water resources
- Pipeline conveyance of water and sediment
- Backfilling of oil and gas canals

- Organic reef techniques
- Ridge restoration and protection
- Possibility of a waterway toll to fund projects. (i.e. tax on tonnage transported)
- Mississippi River
- Atchafalaya River
- Rocks
- Shoreline protection
- Beneficial use of dredge material
- Direct dredge marsh creation
- Artificial reefs

6. What funding mechanisms are currently available that you think may be underutilized in implementing restoration projects in the Parish? Does your agency offer specific grant programs that are open to the Parish for implementation of specific projects and programs to advance the CPR?

- North American Waterfowl Conservation Act
- NOAA Community Based Restoration
- CIAP
- CWPPRA
- Mitigation efforts from Morganza (May be able to persuade the Corps. to mitigate using marsh creation throughout the Parish; may be able to mitigate in front of the levee throughout the parish and sell it to the Corps. as levee protection)
- Charities
- Whenever there is a windfall of taxes within the Parish, this money should be allocated to restoration.
- Landowners may be interested in paying the State's or Parish's share of projects for exchange of in-kind services.
- Bonds
- FEMA
- BTNEP's small grant program that is always willing to enhance larger projects with educational materials, tree and vegetation plantings, etc.

7. What, in your opinion, are the top three specific action items that the Parish needs to accomplish to accelerate restoration in the Terrebonne Basin?

- A Comprehensive Plan for Coastal Restoration is a critical first step. It must include a prioritized list of projects including cost associated with each and benefit.
- The Parish needs to identify ways to speed up the contracting process.
- Decrease the time necessary to make decisions. Need to make projects a reality
- Need cohesive leadership- "one-voice" concept
- Announce deadlines to the people through federal and state agencies. Stakeholders will expect these deadlines to be met.
- Parish leadership is essential.
- Inform people of the downsides to things so that they will understand. We need to state the balance and it will take the parishes voice to make this happen.
- Need to pick 3 or 4 successful areas and focus on those.
- Need to have very clear goals as to what we are trying to accomplish.

- Land use planning
- Need for building codes throughout the Parish
- Development of habitat and salinity goals
- The Parish should encourage protection measures that minimize the impact to wetlands.
- Continue support for barrier island restoration.
- Need to keep the general public informed as much as possible through newspaper, television, magazine publications, etc.
- Begin planning now for future OCS revenue that the Parish will receive. Have a plan on how this should be spent now.
- Sediment to the Lake Decade area
- The “necking” down of Grand Pass

- 2.2 Coastal Zone Committee Meeting
2.2.1 Official Meeting Minutes - August 5, 2008

**COASTAL ZONE MANAGEMENT & RESTORATION
ADVISORY COMMITTEE
MINUTES
OF
August 5, 2008**

1. Chairman Mickey Thomas called the regular meeting of the Coastal Zone Management & Restoration Advisory Committee to order at 5:35 p.m. August 5, 2008 in the Terrebonne Parish Council Meeting Room, 2nd Floor of the Government Tower. Mr. Kirby Verret led the Invocation and Pledge of Allegiance.
2. Upon roll call, present were Nolan Bergeron, Don Grissom, Ed Landgraf, Kevin LeBouef, Mickey Thomas, Kirby Verret and Paul Yakupzack. Absent: Alan Gibson and Michael LaRussa. Also present was Mrs. Leslie Suazo, Director, Office of Coastal Restoration and Preservation and Mr. James Miller, Permits Coordinator, Coastal Restoration and Preservation.
3. Mr. Landgraf moved, seconded by Mr. Grissom: “THAT the Coastal Zone Management & Restoration Advisory Committee accepts the minutes for the meeting of June 3, 2008.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*
4. New Business:
 - A) **Local Concern Applications:**
 - The Chairman called to order the local concern application for **Kirk Smith:** Proposed to Build Camp & Boat Shed; Section 86, T21S-R18E; Terrebonne Parish, LA **P20080846**

Mr. Miller indicated there was no wetlands impact and recommends approval.

Mr. Bergeron moved, seconded by Mr. Yakupzack: “THAT the Coastal Zone Management and Restoration Advisory Committee **approves** the issuance of a Coastal Impact Certificate for the Proposal to Build a Camp & Boat Shed; Section 86, T21S-R18E; Terrebonne Parish, Louisiana P20080846 submitted by Kirk Smith.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*
 - The Chairman called to order the local concern application for **Paul Williamson:** Proposed Build Camp & Boat Shed; Section 86, T21S-R18E; Terrebonne Parish, LA **P20081030 – Add-On**

Mr. Miller recommends approval

Mr. Bergeron moved, seconded by Mr. LeBouef: “THAT the Coastal Zone Management and Restoration Advisory Committee **approves** the issuance of a Coastal Impact Certificate for the Proposal to Build a Camp & Boat Shed; Section 86, T21S-R18E; Terrebonne Parish, Louisiana P20081030 submitted by Paul Williamson.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

B) State Concern Applications:

- The Chairman called to order the state concern application for **Mannon L. Walters**: Proposed Location, Boarded Drillsite and Levee for the Alba Well # 1; Section 65, T20S-R18E; Terrebonne Parish, LA **P20080954**

Mr. Miller indicated that there will be approximately 2.1 acres of marsh impacts for this project, and he has contacted the State to see if there is an alternative site. Mr. Miller recommends to hold the application until next meeting to see if the State comes up with another site.

Mr. Bergeron moved, seconded by Mr. Yakupzack: “THAT the Coastal Zone Management and Restoration Advisory Committee **holds** the application until next meeting for the Proposed Location, Boarded Drillsite and Levee for the Alba Well # 1; Section 65, T20S-R18E; Terrebonne Parish, Louisiana P20080954 submitted by Mannon L. Walters.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

- The Chairman called to order the state concern application for **Caskids Operating Company**: Proposed Construction of 3,213 x 12’ Wide Road & 150’ x 150’ Ring Levee for Accessing & Drilling the Andrew D. Dumond, et al Well # 1; Section 26, T19S-R16E; Terrebonne Parish, LA **P20080649**

Mr. Miller indicated there would be no wetland impact and recommends approval.

Mr. Verret moved, seconded by Mr. LeBouef: “THAT the Coastal Zone Management and Restoration Advisory Committee **approves** the issuance of a Coastal Impact Certificate for the Proposed Construction of 3,213 x 12’ Wide Road & 150’ x 150’ Ring Levee for Accessing & Drilling the Andrew D. Dumond, et al Well # 1; Section 26, T19S-R16E; Terrebonne Parish, Louisiana P20080649 submitted by Caskids Operating Company.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

C) Consistency Determinations/Modifications:

- None

Note: Allen Gibson arrived at 5:39

5. Public Comments:

None

6. Restoration Projects / Director’s Report

- Mrs. Suazo updated the Committee on the consultant they hired to develop a scope of work of the Comprehensive Plan for Restoration in Terrebonne Parish. Halcrow & Associates and their lead contractors are John Porthouse and Mohan Menon and they will start on August 13, 2008 at the Project Sub-Committee. They will also meet with the Parish Council and our

Legislators, and plan to meet regularly with the Project Sub-Committee as well as participating in our CZM Meetings.

- Mrs. Suazo provided as update to the Committee on the LaCPR public meeting held in Houma on July 31, 2008. This effort is led by the Corps of Engineers, and is part of its evaluation and planning for Hurricane Protection and Restoration in the wake of Katrina and Rita. Participants were seated at lap top computers and asked to rank certain indicators and metrics in priority order. The target date for the Corps draft report to be available for review and public comment is December of 2008.

Discussion was held on this topic. Mr. Yakupzack indicated that he also participated in the exercise in the afternoon session. Mrs. Suazo was asked to provide information to the committee via cd or website link.

- Mrs. Suazo informed the Committee that on August 7, 2008 the Morganza to the Gulf Technical Review Panel will meet at the Terrebonne Parish Council Meeting Room at 9:00am.

Discussion was held on the Morganza to the Gulf.

- Mr. Grissom asked Mrs. Suazo on the status on the Ordinance for the Mitigation Funds for Terrebonne Parish. She indicated that she is waiting on DNR and the Corp guidelines to see what specific language is needed in the Ordinance other than the language reviewed by the committee. This was a suggested step to make sure that the ordinance will meet requirements of both agencies.
- Mr. Grissom asked Mrs. Suazo on the Terrebonne Levee Board's possible decision on closing or reducing the water through Bush Canal.

Discussion was held on Bush Canal.

Mr. Grissom moved, seconded by Mr. Bergeron: "THAT the Coastal Zone Management & Restoration Advisory Committee draft a Resolution in support of the possible closing or reducing the water flow through Bush Canal." *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

- Mr. Grissom asked Mrs. Suazo about the use of the State's Oil Royalties exclusively to provide the \$1.8 billion required as non-federal cost share for levee protection in New Orleans. Mr. Grissom and others expressed concern that this would deprive other areas of the state, including Terrebonne Parish, of badly needed funds for levee protection and restoration projects. Mrs. Suazo informed the committee that a final decision on the payment schedule of the \$1.8 billion had not yet been made, and that the Governor and our Congressional delegation are working to ensure an extended payment schedule for this match so that a portion of the monies would be available for projects in other areas.

Mr. Grissom moved, seconded by Mr. Verret: “THAT the Coastal Zone Management & Restoration Advisory Committee draft a Resolution on the distribution and allocations of Oil Royalties.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

- Mr. Grissom asked Mrs. Suazo about possible funding sources and planting possibilities for the West Lake Boudreaux Project. This project is almost finished and ready for the vegetation.

Discussion was held on this project.

Mr. Grissom moved, seconded by: “THAT the Coastal Zone Management & Restoration Advisory Committee recommends to put money aside for this project in the 2009 budget.” *This motion fails for lack of 2nd.*

The Chairman indicated that this subject would be sent to the Sub-Committee for further discussion.

- Mr. Grissom reported to the Committee about the rocks for the West Lake Boudreaux Project, and that there is a possibility of expanding the project and obtaining some additional rock.

Discussion was held on the Lake Boudreaux Project.

Mrs. Suazo will contact the Department of Natural Resources and the U.S. Fish and Wildlife Service to determine how Terrebonne Parish may assist in the effort to secure additional monies for this project.

7. Staff Report:

- None.

8. The Chairman stated the next scheduled meeting of the Coastal Zone Management & Restoration Advisory Committee would be Tuesday, September 2, 2008 at 5:30 p.m., in the Terrebonne Parish Council Meeting Room, 2nd Floor, Government Tower.

9. Mr. Landgraf moved, seconded by Mr. Lebouef: “That there being no further business to come before the Coastal Zone Management & Restoration Advisory Committee, the meeting be adjourned at 6:50 p.m.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

Vicki Summers – Minute Clerk

2.2.2 Official Meeting Minutes - September 2, 2008
Cancelled due to inclement weather.

2.2.3 Official Meeting Minutes - October 7, 2008

**COASTAL ZONE MANAGEMENT & RESTORATION
ADVISORY COMMITTEE
MINUTES
OF
October 7, 2008**

1. Chairman Mickey Thomas called the regular meeting of the Coastal Zone Management & Restoration Advisory Committee to order at 5:30 p.m. October 7, 2008 in the Terrebonne Parish Administration Conference Room, 7th Floor of the Government Tower. Mr. Kirby Verret led the Invocation and Pledge of Allegiance.
2. Upon roll call, present were Don Grissom, Ed Landgraf, Kevin LeBouef, Mickey Thomas, and Kirby Verret. Absent: Nolan Bergeron, Alan Gibson, Michael LaRussa and Paul Yakupzack. Also present was Mrs. Leslie Suazo, Director, Office of Coastal Restoration and Preservation and Mr. James Miller, Permits Coordinator, Coastal Restoration and Preservation.
3. Mr. Landgraf moved, seconded by Mr. Lebouef: “THAT the Coastal Zone Management & Restoration Advisory Committee accepts the minutes for the meeting of August 5, 2008.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*
4. New Business:

A) Local Concern Applications:

- The Chairman called to order the local concern application for **Joseph Brunet, IV**: Proposed Boat Dock with Lift & Extension of Bulkhead out 5 ft Across Length of Property; Section 10, T17S-R18E; Terrebonne Parish, LA **P20081132**

Mr. Miller indicated this is outside the Coastal Zone and recommends approval.

Mr. LeBouef moved, seconded by Mr. Verret: “THAT the Coastal Zone Management and Restoration Advisory Committee **approves** the application and the issuance of a Coastal Impact Certificate for the Proposal Boat Dock with Lift & Extension of Bulkhead out 5 ft Across Length of Property; Section 10, T17S-R18E; Terrebonne Parish, Louisiana P20081132 submitted by Joseph Brunet, IV.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

Note: Allen Gibson and Paul Yakupzack arrived at 5:38

- The Chairman called to order the local concern application for **Quality Shipyards, Inc.**: Proposed 450’ Steel Bulkhead to Provide Bank Stabilization at G.I.W.W.; Section 17, T17S-R17E; Terrebonne Parish, LA **P20081274**

Mr. Miller indicated this is outside the Coastal Zone and recommends approval.

Mr. Grissom moved, seconded by Mr. Landgraf: “THAT the Coastal Zone Management and Restoration Advisory Committee **approves** the application and issuance of a Coastal Impact Certificate for the Proposal 450’ Steel Bulkhead to Provide Bank Stabilization at G.I.W.W.; Section 17, T17S-R17E; Terrebonne Parish, Louisiana P20081274 submitted by Quality Shipyards, Inc..” *NO*

OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.

- The Chairman called to order the local concern application for **TPCG**: Proposed Bulkhead/Discharge Pipe Improvements at Lower Montegut Pump Station; Section 20, T19S-R19E; Terrebonne Parish, LA **P20081271**

Mr. Miller recommends approval.

Mr. Verret moved, seconded by Mr. Grissom: “THAT the Coastal Zone Management and Restoration Advisory Committee **approves** the application and issuance of a Coastal Impact Certificate for the Proposal Bulkhead/Discharge Pipe Improvements at Lower Montegut Pump Station; Section 20, T19S-R19E; Terrebonne Parish, Louisiana P20081271 submitted by TPCG.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

B) State Concern Applications:

- The Chairman called to order the state concern application for **Mannon L. Walters**: Proposed Location, Boarded Drillsite and Levee for the Alba Well # 1; Section 65, T20S-R18E; Terrebonne Parish, LA **P20080954 - REHEARING**

Mr. Miller indicated that there will be approximately 2.1 acres of marsh impacts for this project, and the company has contacted Mr. Miller and they will have alternative site. Mr. Miller recommends to hold the application until next meeting.

Discussion was held on this application.

Mr. Yakupzack moved, seconded by Mr. LeBouef: “THAT the Coastal Zone Management and Restoration Advisory Committee **holds** the application until next meeting for the Proposed Location, Boarded Drillsite and Levee for the Alba Well # 1; Section 65, T20S-R18E; Terrebonne Parish, Louisiana P20080954 submitted by Mannon L. Walters.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

- The Chairman called to order the state concern application for **Castex Energy, Inc.**: Proposed Location, Dredging, Wheelwashing, & Structures for the Bolle Prospect; Section 26, T19S-R16E; Terrebonne Parish, LA **P20081146**

Mr. Miller indicated there would be very little impact and recommends approval.

Mr. Landgraf moved, seconded by Mr. Yakupzack: “THAT the Coastal Zone Management and Restoration Advisory Committee **approves** the issuance of a Coastal Impact Certificate for the Proposed Location, Dredging, Wheelwashing, & Structures for the Bolle Prospect; Section 26, T19S-R16E; Terrebonne Parish, Louisiana P20081146 submitted by Castex Energy, Inc.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

- The Chairman called to order the state concern application for **Burlington Res Oil & Gas LP**: Proposed Propwash, Cleanout, & Pipeline Lowering for Well Work on SL 15398 # 1 Well; Bay St. Elaine Field; Section 27, T21S-R17E; Terrebonne Parish, LA **P20081195**

Mr. Miller indicated there would be very little impact and recommends approval.

Discussion was held on this application.

Mr. Landgraf moved, seconded by Mr. Verret: “THAT the Coastal Zone Management and Restoration Advisory Committee **approves** the issuance of a Coastal Impact Certificate for the Proposed Propwash, Cleanout, & Pipeline Lowering for Well Work on SL 15398 # 1 Well; Bay St. Elaine Field; Section 27, T21S-R17E; Terrebonne Parish, Louisiana P20081195 submitted by Burlington Res Oil & Gas LP.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

- The Chairman called to order the state concern application for **Castex Energy, Inc.:** Proposed Location, Dredging, Structures; Section 20, 21, 22, 23, 25, 26, 28, 29, & 30, T18S-R12E; Terrebonne Parish, LA **P20081233**

Mr. Miller indicated there would be very little impact and recommends approval.

Discussion was held on this application.

Mr. Landgraf moved, seconded by Mr. Grissom: “THAT the Coastal Zone Management and Restoration Advisory Committee **approves** the issuance of a Coastal Impact Certificate for the Proposed Location, Dredging, Structures; Section 20, 21, 22, 23, 25, 26, 28, 29, & 30, T18S-R12E; Terrebonne Parish, Louisiana P20081233 submitted by Castex Energy, Inc.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

C) Consistency Determinations/Modifications:

- None

5. Public Comments:

- None

6. Restoration Projects / Director’s Report

- Mrs. Suazo reported to the Committee that after Hurricane Gustav she was able to go on a fly over on some of the Barrier Islands. All of the islands sustained some damage, but the full extent of the damage would not be known until water levels have returned to normal. The West Lake Boudreaux Shoreline Project held up very well. Mrs. Suazo also indicated the Mr. Herdis Neal was in contact with a group from Colorado that is interested in doing Restoration Projects in Louisiana. She also reported that she received e-mail and we have approval on some monies and it is enough to do some planting on West Lake Boudreaux Project and Lake Mechant Project.

Discussion was held on this topic.

- Mrs. Suazo reported to the Committee that Darrin Lee from DNR, now the Coastal Restoration Authority will be giving a formal presentation to the Council on October 20, 2008 on the post hurricane status of the Barrier Islands, and the efforts by the State to secure FEMA funds for island rehabilitation after the storms.

Discussion was held on the Barrier Islands.

- Mrs. Suazo reported that this Thursday October 9, 2008 there would be a CWWRPA Meeting in New Orleans.
- Mrs. Suazo indicated that the consultants from Halcrow were today and met with this office, some of our Legislators, few of our Council Members and our Parish President. The group had formative discussion. Mrs. Suazo gave a presentation to the Committee on the progress to date of the Comprehensive Plan for Restoration in Terrebonne Parish.

Note: Kirby Verret left at 6:15p.m.

Discussion was held on the presentation.

- Mrs. Suazo then presented a Resolution to the Committee drafted at the request of committee member Don Grissom at the August CZM Meeting.
 1. Resolution on the Terrebonne Levee and Conservation District's efforts to pursue modifications to Bush Canal.

Discussion was held on this Resolution.

Mr. Yakupzack moved, seconded by Mr. Grissom: "THAT the Coastal Zone Management & Restoration Advisory Committee **support** the Resolution supporting the efforts of the Terrebonne Levee District to modify Bush Canal." *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

2. Resolution on State and Federal Leadership to secure funding for Comprehensive Coastal Protection and Restoration in Terrebonne Parish.

Mr. Yakupzack moved, seconded by Mr. Grissom: "THAT the Coastal Zone Management & Restoration Advisory Committee **support** the Resolution on State and Federal Leadership to secure funding for Comprehensive Coastal protection and Restoration in Terrebonne Parish." *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

3. Resolution regarding the dredging of Bayou Lafourche south of Donaldsonville to increase fresh water flow and improve the water quality of Bayou Lafourche.

Discussion was held on this Resolution.

Mr. Grissom moved, seconded by Mr. Yakupzack: "THAT the Coastal Zone Management & Restoration Advisory Committee **support** the Resolution on the dredging of Bayou Lafourche south of Donaldsonville to increase fresh water flow and improve the water quality of Bayou Lafourche." *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

7. Staff Report:

- None.

The Chairman read the updates to the Committee on the rules on having Open Public Meetings.

8. The Chairman stated the next scheduled meeting of the Coastal Zone Management & Restoration Advisory Committee would be Tuesday, September 4, 2008 at 5:30 p.m., but since that is Election Day the Meeting has been changed to Tuesday, November 11, 2008 at 5:30 p.m. in the Terrebonne Parish Administration Conference Room, 7th Floor, Government Tower.
9. Mr. Landgraf moved, seconded by Mr. Yakupzack: “That there being no further business to come before the Coastal Zone Management & Restoration Advisory Committee, the meeting be adjourned at 7:10 p.m.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

Vicki Summers – Minute Clerk

2.2.4 Official Meeting Minutes - November 11, 2008

**COASTAL ZONE MANAGEMENT & RESTORATION
ADVISORY COMMITTEE
MINUTES
OF
November 11, 2008**

1. Chairman Mickey Thomas called the regular meeting of the Coastal Zone Management & Restoration Advisory Committee to order at 5:31 p.m. November 11, 2008 in the Terrebonne Parish Administration Conference Room, 7th Floor of the Government Tower. Mr. Ed Landgraf led the Invocation and Pledge of Allegiance.
2. Upon roll call, present were Nolan Bergeron, Ed Landgraf, Michael LaRussa, Gerald Schouest, and Mickey Thomas. Absent: Don Grissom, Alan Gibson, Kevin LeBouef, and Paul Yakupzack. Also present was Mrs. Leslie Suazo, Director, Office of Coastal Restoration and Preservation and Mr. James Miller, Permits Coordinator, Coastal Restoration and Preservation.

Chairman Mickey Thomas introduced the newest member of the CZM Committee, Mr. Gerald Schouest.

3. Mr. Landgraf moved, seconded by Mr. LaRussa: “THAT the Coastal Zone Management & Restoration Advisory Committee accepts the minutes for the meeting of October 7, 2008.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*
4. New Business:

A) Local Concern Applications:

- None

B) State Concern Applications:

- The Chairman called to order the state concern application for **Mannon L. Walters**: Proposed Location, Boarded Drillsite and Levee for the Alba Well # 1; Section 65, T20S-R18E; Terrebonne Parish, LA **P20080954 - REHEARING**

Mr. Miller recommends approval of this application. Mr. Miller had requested that the applicant consider an alternate access location. The applicant has agreed to do so and an alternate access route will be used.

Mr. Bergeron moved, seconded by Mr. Landgraf: “THAT the Coastal Zone Management and Restoration Advisory Committee **approves** the issuance of a Coastal Impact Certificate for the Proposed Location, Boarded Drillsite and Levee for the Alba Well # 1; Section 65, T20S-R18E; Terrebonne Parish, Louisiana P20080954 submitted by Mannon L. Walters.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

- The Chairman called to order the state concern application for **Hilcorp Energy Company**: Proposed Pro-wash an existing slip for placing a drill barge on location to re-enter the Tenneco Oil Co. Well # 3; Section 73, T18S-R18E; Terrebonne Parish, LA **P20081336**

Mr. Miller indicated the wheelwashing would take place in an existing slip and

recommends approval.

Discussion was held on this application.

Mr. Schouest moved, seconded by Mr. Bergeron: “THAT the Coastal Zone Management and Restoration Advisory Committee **approves** the issuance of a Coastal Impact Certificate for the Proposed Pro-wash an existing slip for placing a drill barge on location to re-enter the Tenneco Oil Co. Well # 3; Section 73, T18S-R18E; Terrebonne Parish, Louisiana P20081336 submitted by Hilcorp Energy Company” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

- The Chairman called to order the state concern application for **LA Land & Expl. Co.** Proposed propwash for SWD conversion of LL&E U18 #9 ST Well – Four Isle Dome Field; Section 24, T21S-R16E; Terrebonne Parish, LA **P20081299**

Mr. Miller indicated the wheelwash was in an existing slip and recommends approval.

Discussion was held on this application.

Mr. Landgraf moved, seconded by Mr. Verret: “THAT the Coastal Zone Management and Restoration Advisory Committee **approves** the issuance of a Coastal Impact Certificate for the Proposed propwash for SWD conversion of LL&E U18 #9 ST Well – Four Isle Dome Field; Section 24, T21S-R16E; Terrebonne Parish, Louisiana P20081299 submitted by LA Land & Expl. Co.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

C) **Consistency Determinations/Modifications:**

- None

5. Public Comments:

- None

Note: Don Grissom arrived at 5:40

6. Restoration Projects / Director’s Report

- Mrs. Suazo indicated that the consultants from Halcrow were here today, and met with the TPCG GIS Specialist Jack Gardner, and also met with State Representative Damon Baldone and State Senator Reggie Dupre to get their input into the plan. Mrs. Suazo gave a presentation to the Committee on the progress to date of the Comprehensive Plan for Restoration in Terrebonne Parish that Halcrow developed, incorporating the information gathered thus far from their questionnaire and interviews with stakeholders and resource agencies.

Discussion was held on the presentation.

Mr. Grissom requested that Halcrow meet with Projects Sub-committee Members and Ronnie Paille of U.S. Fish and Wildlife Service. Mr. Bergeron

suggested that the meeting be next Wednesday November 19, 2008 from 2:00pm – 5:00pm at their Sub-committee Meeting to discuss further the Comprehensive Plan.

- Mrs. Suazo reported to the Committee that Wednesday, December 3, 2008 in New Orleans the CWWIPA Technical Committee Meeting. Terrebonne Parish has two projects that are candidate projects for Phase I, Engineering and Design funding. Mr. Grissom indicated that CZM Members need to have a strong show of support for their project. Mrs. Suazo indicated that members wishing to attend should meet at the Government Tower at 7:45 a.m. on Dec. 3rd to head to the corps building in New Orleans.
- Mrs. Suazo reported that Wednesday, November 12, 2008 would be a Pre-Bid Conference on the Whiskey Island Back Barrier Marsh Project. There will be a site visit for the constructors on Thursday, November 13, 2008. The Bid Opening will be sometime in December and the ground breaking will likely be sometime in April 2009.
- Mrs. Suazo indicated that the Penchant Basin Project will likely go to construction early next year.
- Mrs. Suazo presented a Resolution regarding the FEMA funding/Barrier Islands/Restoration Projects.

Discussion was held on this Resolution.

Mr. Bergeron moved, seconded by Mr. Grissom: “THAT the Coastal Zone Management & Restoration Advisory Committee **support** the Resolution regarding the FEMA funding/Barrier Islands/Restoration Projects.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

7. Staff Report:

- Mr. Miller distributed a notice received via a e-mail which indicated that FEMA may be trying to implement some regulations of Oil Field Activity inside the Flood Management Areas. Mr. Miller will research this and give a report at our next meeting.
8. The Chairman stated the next scheduled meeting of the Coastal Zone Management & Restoration Advisory Committee would be Tuesday, December 2, 2008 at 5:30 p.m. in the Terrebonne Parish Administration Conference Room, 7th Floor, Government Tower.

Note: Nolan Bergeron left at 6:37p.m.

9. Mr. Landgraf moved, seconded by Mr. Schouest: “That there being no further business to come before the Coastal Zone Management & Restoration Advisory Committee, the meeting be adjourned at 6:42 p.m.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

2.2.5 Official Meeting Minutes - December 2, 2008

**COASTAL ZONE MANAGEMENT & RESTORATION
ADVISORY COMMITTEE
MINUTES
OF
December 2, 2008**

1. Vice-Chairman Ed Landgraf called the regular meeting of the Coastal Zone Management & Restoration Advisory Committee to order at 5:33 p.m. December 2, 2008 in the Terrebonne Parish Administration Conference Room, 7th Floor of the Government Tower. Mr. Ed Landgraf led the Invocation and Mr. Bergeron led the Pledge of Allegiance.
2. Upon roll call, present were Nolan Bergeron, Don Grissom, Alan Gibson, Ed Landgraf, Michael LaRussa, Kevin LeBouef, Gerald Schouest, and Paul Yakupzack. Absent: Mickey Thomas. Also present was Mr. James Miller, Permits Coordinator, Coastal Restoration and Preservation. Mrs. Leslie Suazo, Director, Office of Coastal Restoration and Preservation was not in attendance due to an urgent family matter.
3. Mr. Grissom moved, seconded by Mr. Yakupzack: “THAT the Coastal Zone Management & Restoration Advisory Committee accepts the minutes for the meeting of November 11, 2008.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*
4. New Business:

A) Local Concern Applications:

- The Chairman called to order the local concern application for **Timothy Fanguy**: Proposed Existing Improvements on Revised Tract 2 of Oak Pointe Development along Cutoff Canal; Section 20, T19S-R20E; Terrebonne Parish, LA **P20080324 - REHEARING**

Mr. Miller explained to the Committee this application was heard by the committee in April and was granted conditional approval, subject to satisfaction of mitigation requirements stipulated by the Corps of Engineers. Mr. Miller asked the Committee to pass the application without the stipulation. Mr. Miller also stated to the Committee that this application is still under cease and desist.

Discussion was held on this application.

Mr. Bergeron moved, seconded by Mr. Yakupzack: “THAT the Coastal Zone Management and Restoration Advisory Committee **will wait until the Corps approval** before the issuance of a Coastal Impact Certificate for the Proposed Existing Improvements on Revised Tract 2 of Oak Pointe Development along Cutoff Canal; Section 20, T19S-R20E; Terrebonne Parish, Louisiana P20080324 submitted by Timothy Fanguy.”

More discussion was held on this application.

Mr. Fanguy explained to the Committee that he would like the Coastal Impact Certificate from the Parish to help with the Corps approval of this application, but has no plans to finish the project until approval from the Corps is received.

Mr. Fanguy also stated that he has made changes on the plat for approval from the Corps.

More discussion was held on this application.

During the discussion Mr. Bergeron withdrew his motion and Mr. Yakupzack also withdrew his 2nd.

Mr. Schouest moved, seconded by Mr. Bergeron: “THAT the Coastal Zone Management and Restoration Advisory Committee **holds** the application until next meeting with updated information and plats for this application for the issuance of a Coastal Impact Certificate for the Proposed Existing Improvements on Revised Tract 2 of Oak Pointe Development along Cutoff Canal; Section 20, T19S-R20E; Terrebonne Parish, Louisiana P20080324 submitted by Timothy Fanguy.”

UPON ROLL CALL THERE WAS RECORDED:

YEAS: N. Bergeron, A. Gibson, G. Schouest, and P. Yakupzack.

NAYS: D. Grissom, M. LaRussa, and K. LeBouef.

MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.

B) State Concern Applications:

- None

C) Consistency Determinations/Modifications:

- The Chairman called to order the consistency for **USFWS**: Proposed Placement of Dredge from GIWW for Hanson Marsh Restoration Project; Terrebonne Parish, LA **C20080510 – NO ACTION NEEDED FOR THIS CONSISTENCY**

Discussion was held on this consistency. During the course of this discussion, the presence of what appears to be an abandoned barge was brought to the attention of committee members.

Mr. Bergeron moved, seconded by Mr. Grissom: “THAT the Coastal Zone Management & Restoration Advisory Committee requests a draft a Resolution to send to the Parish Council to pursue removal of an abandoned barge of the North Bank of the GIWW.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

5. Sub-Committee:

- Mr. Nolan Bergeron, Chairman of the Projects Sub-committee presented the Committee with the minutes taken from the sub-committee, which met on November 20, 2008.

Discussion was held on the sub-committee minutes.

Mr. Bergeron moved, seconded by Mr. Yakupzack: “THAT the Coastal Zone Management & Restoration Advisory Committee accepts and approves the minutes of the Sub-committee meeting on November 20, 2008.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

6. Public Comments:

- None

7. Restoration Projects / Director’s Report: Due to Mrs. Suazo not at the meeting; the Vice-Chairman asked Mr. Miller to read the Director’s Report to the Committee.

- Vice-Chairman Landgraf introduced Dr. Menon of Halcrow who presented a progress report on the Comprehensive Restoration Planning effort.

Discussion was held on Dr. Menon’s report.

- With regard to the CWPPRA Technical Committee, Al Levron and our Parish President, Michel Claudet plans to attend the meeting. James Miller plans to attend as well, and can bring any committee members wishing to participate.
- The following summary of agenda items affecting Terrebonne Parish, actions taken to date, and possible outcomes is provided for you as background and guidance.

Candidate Projects for engineering and Design Funding (Phase I):

- 1) Terrebonne Bay Shoreline Protection Project- Sponsored by U.S. Fish and Wildlife Service (USFWS)
- 2) Central Terrebonne Freshwater Enhancement Project – Sponsored by Natural Resources Conservation Service (NRCS)

There are 10 candidate projects in total. Three or four projects will be recommended from the 10 to proceed with E&D. The rule is that “up to four candidate projects” may be recommended to the Task Force for E & D funding.

Process:

When voting in the CWPPRA process, the higher the score, the better, so your number 1 project would have a score of 10 and so on. The point score and the number of agencies supporting the project are combined and weighted. The more agencies supporting a project the better.

Background:

The CZM projects subcommittee has had a lot of input into the Terrebonne Bay Project. It is envisioned as Phase I of a shoreline protection project that would extend east from Bayou Terrebonne to Bayou Pointe-aux-Chene. It will be a very costly project for the CWPPRA Program, (This phase alone estimated at \$31 - 32M) and there are several technical issues with the project, including water depth and soil conditions, and also the presence of many canals behind the project area which may allow for saltwater intrusion from the back side of the project area unless they are filled. This project scored very low (it ranked as 3rd from the bottom, or number 3) with a score of 37.4 on the prioritization rankings. However, this is the CZM project of choice. On motion offered by Mr. Nolan Bergeron at our July meeting, the committee voted to support this project, prior to the release of the final wetland value assessments (WVA). This was discussed at the projects subcommittee meeting last week, and further discussion may be requested.

The Central Terrebonne Freshwater Enhancement Project proposes to narrow grand Pass from its current width of 900 feet to 150-200 feet in an effort to reduce the flow of saltwater into the upper reaches of the lakes in the western portion of the parish. This would restore historic ridge function to the Bayou Dularge ridge and protect the marshes to the north (Lake Mechant and above) and reduce salinities in the Lake. Some dredging of Minors canal and modification of existing structure in Liners Canal would enhance Atchafalaya influence and would enhance benefits to Lake Decade area anticipated from the Penchant Basin project (scheduled for construction in spring of 2009).

There are problems with this project also: location of the structure, possible negative impacts to Sister Lake (public oyster seed ground) and possible breaches in other areas of the ridge system due to increased flows. However, this project is in the 3rd from the top, or number 8, with a prioritization score of 57.3.

If the agencies use the prioritizations scores, Central Terrebonne Freshwater enhancement wins straight away. However, there are several other factors involved, including some agency and local politics, so there are no guarantees. Bottom line is this: At this time, it appears, Central Terrebonne has a much better chance of getting votes for the project to move forward. A full court press on the Terrebonne Bay Shoreline Protection project will likely get us some agency votes, but at a very low ranking, and we would likely get only one project vote. If that is the case, we would end up with nothing and worst-case scenario would be to walk out empty handed.

So far, State, NRCS and the Corps learn more toward support for the Central Terrebonne Project but I am not certain at what score. Waiting to hear from NMFS and EPA. Again, there are no guarantees.

- **CONSTRUCTION ITEMS (PHASE II FUNDING)**

The Ship Shoal, Whiskey Island West Flank Project and the GIWW Bank Stabilization of Critical Areas in Terrebonne are both up for funding consideration.

The GIWW project is the second part of the project – the more fragile areas are being constructed under the CIAP program with State only funding. This portion has been delayed because the State has had to “re-engineer” several project components.

The Ship Shoal Project is viewed in a bit more positive light than the GIWW, but is a very costly project for CWPPRA purposes. Current estimated construction cost is \$36M with a total fully funded cost of \$39+M. the State is also pursuing hazard mitigation funding for this project.

It is estimated that the CWPPRA program will have approximately \$85M to spend, but 10 to 12M of that is off the top to do maintenance dredging of the Mississippi River near the West Bay project due to induced shoaling attributed to that project. This issue has been the subject of much discussion at recent Technical Committee and Task Force meetings, and long- term solutions are still being explored.

- **OTHER PROJECT UPDATES:**

The pre-bid conference for the whiskey Island Back barrier Marsh project was held on November 12 at T. Baker Smith. Two primary contractors were present. No field trip was held the next day due to weather conditions; contractors are encouraged to visit the site on their own prior to submitting bid packages. Due date for bids remains Dec. 2, 2008.

- 1. South Lake Decade shoreline Protection**

Details are currently being worked out on the cost share agreement between the Task Force, the State and Apache. NRCS hopes to advertise for bids in January of 2009 and begin construction in the spring.

- 2. Raccoon Island, Phase B- Marsh Creation**

This project will involve pumping sediments behind the rock breakwaters on Raccoon Island. The State has identified the source for the borrow material. Since the material is located in Outer Continental Shelf waters, NRCS must obtain a lease agreement with Minerals Management Service prior to construction. NRCS has applied to MMS for the lease and has provided all required and requested information. The lease arrangements are pending MMS approval. Advertisement for

bids has been targeted for late December 2008, with a targeted start for construction of April 2009. These target dates are subject to change pending MMS decision.

Mr. Bergeron moved, seconded by Mr. Landgraf: “THAT the Coastal Zone Management & Restoration Advisory Committee to deviate from the agenda.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

Mr. Bergeron wanted to discuss the possibility of passing a Tax (millage) to help fund Coastal Restoration Projects.

General discussion was held on this idea. No action requested or taken at this meeting.

7. Staff Report:

- Mr. Miller reported that he had no updated information on FEMA trying to implement some Regulations of Oil Field Activity inside the Flood Management Areas. Mr. Miller told the Committee on December 9, 2008 he will have his quarterly meeting and he asked to have some one there to talk about the regulations. Mr. Miller will give a report at our next meeting.

9. The Chairman stated the next scheduled meeting of the Coastal Zone Management & Restoration Advisory Committee would be Tuesday, January 6, 2008 at 5:30 p.m. in the Terrebonne Parish Council Meeting Room, 2nd Floor, Government Tower.

9. Mr. LaRussa moved, seconded by Mr. Yakupzack: “That there being no further business to come before the Coastal Zone Management & Restoration Advisory Committee, the meeting be adjourned at 7:20 p.m.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

Vicki Summers – Minute Clerk

2.2.6 Official Meeting Minutes - January 6, 2009

**COASTAL ZONE MANAGEMENT & RESTORATION
ADVISORY COMMITTEE
MINUTES
OF
January 6, 2009**

1. Chairman Mickey Thomas called the regular meeting of the Coastal Zone Management & Restoration Advisory Committee to order at 5:30 p.m. January 6, 2009 in the Terrebonne Parish Council Meeting Room, 2nd Floor of the Government Tower. Mr. Thomas led the Invocation and the Pledge of Allegiance.
2. Upon roll call, present were Nolan Bergeron, Don Grissom, Alan Gibson, Ed Landgraf, Kevin LeBouef, Gerald Schouest, Mickey Thomas, and Paul Yakupzack. Absent: Michael LaRussa. Also present was Mrs. Leslie Suazo, Director, Office of Coastal Restoration and Preservation and Mr. James Miller, Permits Coordinator, Coastal Restoration and Preservation.
3. Mr. Bergeron moved, seconded by Mr. Landgraf: "THAT the Coastal Zone Management & Restoration Advisory Committee accepts the minutes for the meeting of December 2, 2008." *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*
4. Election of Officers:
 - Chairman:
Mr. Bergeron moved, 2^{nded} Unanimously: "THAT the Coastal Zone Management & Restoration Advisory Committee appoints Mickey Thomas as Chairman." *CHAIRMAN DECLARED MOTION ADOPTED*
 - Vice-Chairman:
Mr. Grissom moved, 2^{nded} Unanimously: "THAT the Coastal Zone Management & Restoration Advisory Committee appoints Ed Landgraf as Vice-Chairman." *CHAIRMAN DECLARED MOTION ADOPTED*

The Chairman asked Mr. Nolan Bergeron to serve as the Chairman for the Subcommittee.
5. New Business:
Local Concern Applications:
 - The Chairman called to order the local concern application for **Timothy Fanguy: Proposed Existing Improvements on Revised Tract 2 of Oak Pointe Development along Cutoff Canal; Section 20, T19S-R20E; Terrebonne Parish, LA P20080324 - REHEARING**

Mr. Miller explained to the Committee he sent a letter to the Corps stating that the application was approved by this committee and that TPCG will release its permit when the Corps releases its permit and is satisfied that mitigation obligations are met. No Action was taken on this application.

State Concern Applications:

- The Chairman called to order the state concern application for **LLOG Exploration Company, LLC**: Proposed to install & maintain 1 proposed 4” pipeline, line heater platform & production module for the CL&F Co., Inc. well # 1. The pipeline will be installed by marsh buggy backhoe in the marsh & jetting in canals & waterways; Section 4, 8, & 9, T18S-R13E; Terrebonne Parish, LA **P20081558**

Mr. Miller recommends approval.

Mr. Bergeron moved, seconded by Mr. Yakupzack: “THAT the Coastal Zone Management and Restoration Advisory Committee **approves** the issuance of a Coastal Impact Certificate for the Proposed to install & maintain 1 proposed 4” pipeline, line heater platform & production module for the CL&F Co., Inc. well # 1. The pipeline will be installed by marsh buggy backhoe in the marsh & jetting in canals & waterways; Section 4, 8, & 9, T18S-R13E; Terrebonne Parish, Louisiana P20081558 submitted by LLOG Exploration Company, LLC.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

- The Chairman called to order the state concern application for **Castex Energy, Inc.**: Proposed location, dredging, & structures for the St. Martian Well # 3. Section 2, T18S-R16E; Terrebonne Parish, LA **OCZ**

Mr. Miller recommends approval.

Discussion was held on this application.

Mr. Yakupzack moved, seconded by Mr. LeBouef: “THAT the Coastal Zone Management and Restoration Advisory Committee **approves** the issuance of a Coastal Impact Certificate for the Proposed location, dredging, & structures for the St. Martian Well # 3. Section 2, T18S-R16E; Terrebonne Parish, Louisiana OCZ submitted by Castex Energy, Inc.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

Consistency Determinations/Modifications:

- **None.**
- 6. Mr. Ronnie Paille, US Fish and Wildlife Services gave an update on Corps of engineers LaCPR planning efforts relative to the Terrebonne Basin.

Discussion was held on Mr. Paille’s presentation.

7. Sub-Committee:

Projects Sub-Committee, on December 10, 2008 was canceled. Next meeting – January 14, 2009.

8. Public Comments:

- Mr. Herdis Neil from Montegut, LA addressed the committee on the continuing problems with the LaCache Marsh Management Area.

9. Restoration Projects / Director's Report:

- Mrs. Suazo thanked Mr. Herdis Neil for getting her information on a group called Professional Convention Managers Association which will be providing financial assistance for vegetative plantings on the West Lake Boudreaux Project. If funds are available, additional plantings will also be done on the Lake Mechant Project site to help stabilize the spoil bank.
- Mrs. Suazo and Jon Porthouse from Halcrow updated the committee on the Comprehensive Plan for Coastal Restoration (CPCR) for Terrebonne Parish.

Discussion was held on the presentation from Halcrow.

- Mrs. Suazo updated the Committee on the Marsh Creation Project on Raccoon Island and presented the Committee the Plans for this Project.
- Mrs. Suazo reported that the Public Works Department has upgraded the Pump Station D-2 which is in Lower Montegut area as part of the long range plan to discharge more fresh water into to adjacent marshes.
- Mrs. Suazo reported on the status of the Wetland Assimilation Project.
- Mrs. Suazo informed the Committee that the CWWRPA Task force Meeting which will be on January 21, 2009 in New Orleans.
- Mrs. Suazo informed the Committee on the Regional Team Planning Meeting for Region 3, which includes the Terrebonne Basin, will be held on Wednesday, January 28, 2009 in Morgan City. The voting round for the projects presented at that time will be held on February 18, 2009 in Baton Rouge.

10. Staff Report:

- Mr. Miller gave the Committee an update on the St. Louis Project. Mr. Miller spoke with the Public Works Director, Greg Bush on the St. Louis Project and indicated that their department was still in Hurricane Recovery. When their department was caught up on the Hurricane Recovery they will begin the project.

11. The Chairman stated the next scheduled meeting of the Coastal Zone Management & Restoration Advisory Committee would be Tuesday, February 3, 2009 at 5:30 p.m. in the Terrebonne Parish Council Meeting Room, 2nd Floor, Government Tower.

12. Mr. Yakupzack moved, seconded by Mr. Grissom: “That there being no further business to come before the Coastal Zone Management & Restoration Advisory Committee, the meeting be adjourned at 7:30 p.m.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

Vicki Summers – Minute Clerk

2.2.7 Official Meeting Minutes - February 3, 2009

**COASTAL ZONE MANAGEMENT & RESTORATION
ADVISORY COMMITTEE
MINUTES
OF
February 3, 2009**

1. Chairman Mickey Thomas called the regular meeting of the Coastal Zone Management & Restoration Advisory Committee to order at 5:33 p.m. February 3, 2009 in the Terrebonne Parish Council Meeting Room, 2nd Floor of the Government Tower. Mr. Landgraf led the Invocation and the Pledge of Allegiance.
2. Upon roll call, present were Nolan Bergeron, Don Grissom, Alan Gibson, Ed Landgraf, Michael LaRussa, Gerald Schouest, Mickey Thomas, and Paul Yakupzack. Absent: Kevin LeBouef. Also present was Mrs. Leslie Suazo, Director, Office of Coastal Restoration and Preservation and Mr. James Miller, Permits Coordinator, Coastal Restoration and Preservation.
3. Mr. Bergeron moved, seconded by Mr. Schouest: “THAT the Coastal Zone Management & Restoration Advisory Committee accepts the minutes for the meeting of January 6, 2009.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*
4. New Business:

Local Concern Applications:

- The Chairman called to order the local concern application for **American Tower Corporation**: Proposed to replace the existing 540’ guyed tower with new 330’ self support tower; Section E ½ 71, T20S-R18E; Terrebonne Parish, LA **P20090016**

Mr. Miller recommends approval.

Discussion was held on this application.

Mr. Bergeron moved, seconded by Mr. Yakupzack: “THAT the Coastal Zone Management and Restoration Advisory Committee **approves** the issuance of a Coastal Impact Certificate for the Proposed to replace the existing 540’ guyed tower with new 330’ self support tower; Section E ½ 71, T20S-R18E; Terrebonne Parish, Louisiana P20090016 submitted by American Tower Corporation” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

State Concern Applications:

- The Chairman called to order the state concern application for **Continental Land & Fur Co., Inc.**: Proposed dredging & bank stabilization along the Northeast Bank of Lake Hackberry & North Bank of the Gulf Intracoastal Waterway; Section 44, 45, 46, & 51, T17S-R15E; Terrebonne Parish, LA **P20081546**

Mr. Miller recommends approval.

Discussion was held on this application.

Mr. Grissom moved, seconded by Mr. Yakupzack: “THAT the Coastal Zone Management and Restoration Advisory Committee **approves** the issuance of a Coastal Impact Certificate for the Proposed dredging & bank stabilization along the Northeast Bank of Lake Hackberry & North Bank of the Gulf Intracoastal Waterway; Section 44, 45, 46, & 51, T17S-R15E; Terrebonne Parish, Louisiana P20081546 submitted by Continental Land & Fur Co.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

Consistency Determinations/Modifications:

- None.

5. Sub-Committee:

Projects Sub-Committee, on January 14, 2009. There was no Quorum for the Sub-Committee. Mr. Ronnie Boustany of the Natural Resources Conservation Service gave an informal presentation to those present. He will give his presentation to the full Committee at a later date. CZM Meeting. Next Sub-Committee Meeting – February 11, 2009.

6. Public Comments:

- None

7. Restoration Projects / Director’s Report:

- Mrs. Suazo and John Porthouse from Halcrow updated the Committee on the Comprehensive Plan for Coastal Restoration (CPCR) for Terrebonne Parish. Mr. Porthouse gave the Committee a Preliminary Draft of the Plan for their discussion, indicating that at this time, the prioritization of projects has not yet been completed, nor has the sequencing. That will be in place by the next regular CZM committee meeting in March. Mr. Porthouse also indicated that he will be available to the committee and Mrs., Suazo for guidance on selecting the PPL 19 CWPPRA projects.

Discussion was held on the presentation of the Draft Plan from Halcrow.

- Mrs. Suazo reminded the Committee the vote for the PPL 19 will be February 18, 2009. Mrs. Suazo asked Mr. Bergeron if the Sub-Committee would like to meet to discuss the PPL 19 Projects at their Sub-Committee or would a special meeting of the full committee be preferable. The Committee decided to have a Special CZM Meeting on February 12, 2009 at 5:30pm on the 7th Floor of the Government Towers to discuss the PPL 19 Projects in order to rank PPL 19 projects. She also informed the Committee that Mr. Porthouse would come back and meet with the Committee to discuss the Projects and provide guidance based on the principle expressed thus far in the plan.

Discussion was held on the PPL Projects.

Mr. Bergeron moved, seconded by Mr. Landgraf: “THAT the Coastal Zone Management and Restoration Advisory Committee **add an add-on to the Agenda**” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

- Mrs. Suazo presented the Committee with a Resolution on removing abandoned vessels in the GIWW.

Mr. Bergeron moved, seconded by Mr. Grissom: “THAT the Coastal Zone Management and Restoration Advisory Committee **approves** Resolution on removing abandoned vessels in the GIWW.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

8. Staff Report: None
9. The Chairman asked Mr. Schouest if he would Chair a Levee Sub-committee and appoint 2 Members to the Sub-Committee.

Mr. Schouest accepted and asked Mr. Landgraf and Mr. Yakupzack to be part of the Sub-committee and they also accepted.

10. The Chairman stated the next scheduled meeting of the Coastal Zone Management & Restoration Advisory Committee would be Tuesday, March 3, 2009 at 5:30 p.m. in the Terrebonne Parish Council Meeting Room, 2nd Floor, Government Tower and the Special Coastal Zone Management & Restoration Advisory Committee will be February 12, 2009 at 5:30 p.m. in the Terrebonne Parish Council Meeting Room, 7th Floor, Government Tower.
11. Mr. Grissom moved, seconded by Mr. Landgraf: “That there being no further business to come before the Coastal Zone Management & Restoration Advisory Committee, the meeting be adjourned at 6:14 p.m.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

Vicki Summers – Minute Clerk

2.2.8 Official Meeting Minutes - March 3, 2009

**COASTAL ZONE MANAGEMENT & RESTORATION
ADVISORY COMMITTEE
MINUTES
OF
March 3, 2009**

1. Chairman Mickey Thomas called the regular meeting of the Coastal Zone Management & Restoration Advisory Committee to order at 5:30 p.m. March 3, 2009 in the Terrebonne Parish Council Meeting Room, 2nd Floor of the Government Tower. Mr. Thomas led the Invocation and the Pledge of Allegiance.
2. Upon roll call, present were Nolan Bergeron, Don Grissom, Alan Gibson, Kevin LeBouef, Gerald Schouest, and Mickey Thomas. Absent: Ed Landgraf, Michael LaRussa, and Paul Yakupzack. Also present were Mrs. Leslie Suazo, Director, and Mr. James Miller, Permits Coordinator, Office of Coastal Restoration and Preservation.
3. Mr. Schouest moved, seconded by Mr. Grissom: “THAT the Coastal Zone Management & Restoration Advisory Committee accepts the minutes for the meeting of February 3, 2009.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*
4. Mr. Bergeron moved, seconded by Mr. Grissom: “THAT the Coastal Zone Management & Restoration Advisory Committee accepts the minutes for the special meeting of February 12, 2009.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

Note: Mr. Allen Gibson left the meeting at 5:33pm

5. New Business:

Local Concern Applications:

- The Chairman called to order the local concern application for **Cindy Coll**: Proposed to build a camp; Section 85, T20S-R18E; Terrebonne Parish, LA **P20090109**

Mrs. Suazo indicated that Mr. Miller stepped out of the meeting and went to the Planning and Zoning Department. Mr. Miller had previously indicated that this application was straightforward and recommends approval.

Discussion was held on this application.

Mr. Grissom moved, seconded by Mr. Bergeron: “THAT the Coastal Zone Management and Restoration Advisory Committee **approves** the issuance of a Coastal Impact Certificate for the Proposed to build a camp; Section 85, T20S-R18E; Terrebonne Parish, Louisiana P20090109 submitted by Cindy Coll” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

State Concern Applications:

- The Chairman called to order the state concern application for **Tidelands**

Seafood Co.: Proposed dredging of Bayou Grand Caillou from Buquet Bridge to the intersection of Bayou Dulac; Section 86, T19S-R17E; Terrebonne Parish, LA **P20071380**

Mrs. Suazo indicated that Mr. Miller stepped out of the meeting and went to Planning and Zoning Department. She indicated that this application was approved by the state in 2007 but since the permit was expired before the applicant had an opportunity to begin the work, a new application is required. Mr. Miller recommends approval.

Discussion was held on this application.

The Chairman noted that Mr. Gibson was asked to leave the meeting room because of his interests in this application.

Mr. Grissom moved, seconded by Mr. Yakupzack: “THAT the Coastal Zone Management and Restoration Advisory Committee **approves** the issuance of a Coastal Impact Certificate for the Proposed dredging of Bayou Grand Caillou from Buquet Bridge to the intersection of Bayou Dulac; Section 86, T19S-R17E; Terrebonne Parish, Louisiana P20071380 submitted by Tideland Seafood Co.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

Note: Mr. Allen Gibson arrived back at the meeting at 5:36pm

Note: Mr. Paul Yakupzack arrived at the meeting at 5:37pm

Consistency Determinations/Modifications:

- o None.

6. Sub-Committees:

Projects Sub-Committee did not meet this month. Next Projects Sub-Committee Meeting – March 11, 2009.

The levee Sub-Committee did not meet this month but Mr. Schouest reported that Mr. Yakupzack and himself attended the Levee Board Meeting on Monday, February 2, 2009. They introduced themselves as the Levee Sub-Committee for the Coastal Zone Management & Restoration Advisory Committee and requested that the Levee Board work with this Sub-Committee. Mr. Schouest reported that the Levee Board formed another branch of their Board and it is the called Restoration and Mitigation Division and it is head up by Mr. Horace Thibodaux of T. Baker Smith, Inc. Next Levee Sub-Committee Meeting has not been scheduled and Mr. Schouest will notify the members.

Note: Mr. Ed Landgraf arrived at the meeting at 5:41pm

7. Restoration Projects / Director’s Report:

- Mrs. Suazo asked John Porthouse and Emma Fisher from Halcrow to update the Committee on the Comprehensive Plan for Coastal Restoration (CPCR) for Terrebonne Parish. Mr. Porthouse gave the Committee the Comprehensive Plan for Coastal Restoration documents for their review and discussion. Ms. Fisher went over the prioritization

and sequencing process of the projects and introduced the recommendations made in this version of the Comprehensive Plan for Coastal Restoration.

Discussion was held on the presentation of the Comprehensive Plan for Coastal Restoration from Halcrow.

- Mrs. Suazo reported on the vote for the PPL 19, which was held on February 18, 2009. Mrs. Suazo stated 3 projects made to the next round. The 1st project was Lost Lake Marsh Creation and Hydrologic Restoration and 2nd was Terrebonne Bay Shoreline and Marsh Creation. US Fish & Wildlife sponsored these two projects. The 3rd project was Madison/Terrebonne Bays Marsh Creation and National Marine Fisheries sponsored this project. These projects will be examined by working groups starting around the last week in March. The next round of voting will be in the Fall.

Discussion was held on the PPL 19 Projects.

- Mrs. Suazo presented to the Committee the Draft Comments on the State Annual Plan for 2010. Mrs. Suazo reported on the Public Meeting held in Houma on February 18, 2009 for the State Annual Plan for 2010.

Discussion was held on the State Annual Plan.

Mr. Bergeron moved, seconded by Mr. Landgraf: “THAT the Coastal Zone Management & Restoration Advisory Committee approves the comments for the State Annual Plan.” *NO OPPOSITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

8. Public Comments:

- Troy Voisin asked the Committee how could the Public input on Comprehensive Plan for Coastal Restoration if the Public has not seen the Comprehensive Plan for Coastal Restoration.

Mrs. Suazo indicated that on the Parish Web Site the Public could view the Comprehensive Plan for Coastal Restoration. The Public can view the Plan and come to her office and comment on the plan.

- Cyrus Theriot/Harry Bourg Corporation asked the Committee how could he receive a copy of the Comprehensive Plan for Coastal Restoration and why there are no projects for Caillou Marshes.

The Committee informed Mr. Theriot that there are project for the Marshes.

Mrs. Suazo informed to Mr. Theriot about the CIAP Project for work on the marsh management/mitigation area above Falgout Canal and the plan to install culverts to help these marshes through CWPPRA or other grant programs.

Mr. Grissom moved, seconded by Mr. Landgraf: “THAT the Coastal Zone Management & Restoration Advisory Committee to add an add-on to the Agenda to discuss and possible pass an resolution regarding the removal of the Bridge on Hwy. 24 in Bourg over Company Canal and also removing the restriction of the old bridge to allow more water to flow from Company Canal into Bayou Terrebonne.” *NO OPPOSTITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

Discussion was held on this topic.

Mrs. Suazo stated that she was going to look into this and draft a Resolution for the next CZM Meeting.

9. Staff Report: None
10. Mr. Grissom asked Mrs. Suazo where are they in the planting possibilities for the West Lake Boudreaux.

Mrs. Suazo indicated they hope to have a planning meeting in the first week in April with the idea of planting in late April or early to mid-May.

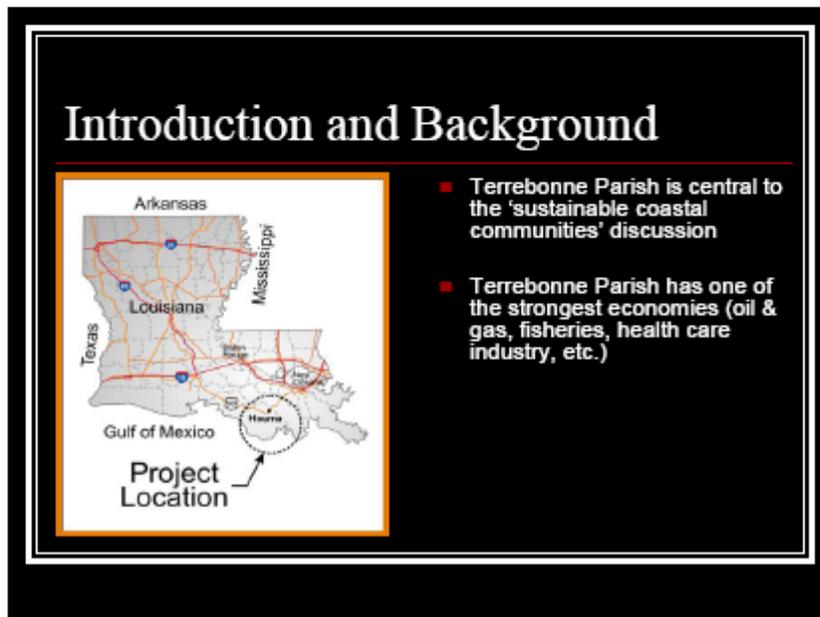
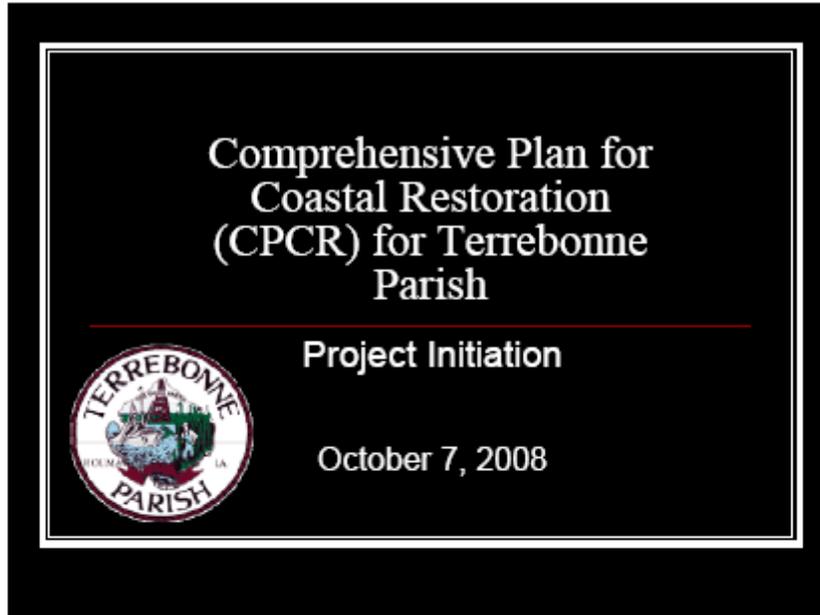
11. The Chairman stated the next scheduled meeting of the Coastal Zone Management & Restoration Advisory Committee would be Tuesday, April 7, 2009 at 5:30 p.m. in the Terrebonne Parish Council Meeting Room, 2nd Floor, Government Tower.
12. Mr. Landgraf moved, seconded by Mr. Yakupzack: “That there being no further business to come before the Coastal Zone Management & Restoration Advisory Committee, the meeting be adjourned at 7:05 p.m.” *NO OPPOSTITON, MOTION CARRIED, CHAIRMAN DECLARED MOTION ADOPTED.*

Vicki Summers – Minute Clerk

2.2.9 Official Meeting Minutes - April 7, 2009

The meeting of April 7th 2009 has been held, but Committee cannot approve minutes until the next CZM meeting on the 5th May 2009.

- 2.3 Presentations at Coastal Zone Committee Meetings
- 2.3.1 October 7, 2008



Introduction and Background (cont...)

- Parish community is faced with an ever-increasing risk
 - High land loss
 - No hurricane protection
- The Parish may not be sustainable in the long term unless aggressive coastal restoration/protection efforts are initiated
- Terrebonne Parish recognizes this, and has contracted Halcrow, Inc. to develop a Comprehensive Plan for Coastal Restoration (CPCR)

Comprehensive Plan for Coastal Restoration (CPCR)- Programs and Planning Efforts

- *Barataria-Terrebonne National Estuary Program Comprehensive Conservation and Management Plan (BTNEP CCMP) 1996*
- *Coast 2050: Towards a Sustainable Coastal Louisiana - 1998*
- *Terrebonne Parish Coastal Zone Management Plan - 2000*
- *Terrebonne Parish Strategic Plan for Coastal Restoration -2004*
- *Louisiana Coastal Area, Louisiana-Ecosystem Restoration Study (LCA)-2005; Authorized by WRDA 2007*
- *Coastal Wetland Planning, Protection, and Restoration Act (CWPPRA) 1990*

Comprehensive Plan for Coastal Restoration (CPCR)- Programs and Planning Efforts

- *Integrated Ecosystem Restoration and Hurricane Protection: Louisiana's Comprehensive Master Plan for Sustainable Coast (the Master Plan) – 2007*
- *Louisiana Coastal Protection and Restoration Report (LaCPR)*
- *Coastal Impact Assistance Program (CIAP) 2005*
- *Gulf of Mexico Energy Security Act*

Comprehensive Plan for Coastal Restoration (CPCR)- Challenges

- **Parish does not have ultimate control of most funding for project implementation**
- **Difficult to introduce “natural sustainability” due to distance from Rivers**
- **Most likely project types are relatively costly**

Comprehensive Plan for Coastal Restoration (CPCR)

Goals:

- Identify restoration projects throughout the Parish (existing, proposed, new)
- Identify potential funding sources for identified projects
- Identify specific actions to be taken by the Parish to facilitate implementation of projects

Comprehensive Plan for Coastal Restoration (CPCR)

**Faster Meaningful
Action**

Comprehensive Plan for Coastal Restoration (CPCR) –Attributes of Successful Plan

- Provide vital input to Federal and State programs
- Participatory planning process, ownership, and support
- Transparent mechanism; therefore, will facilitate funding and regulatory decisions
- Involvement of state and federal agencies, as well as stakeholders
- Matching of prioritized proposals to funding opportunities
- Help to identify effective advocacy
- Identify funding gaps and other sources of funding
- Adaptive plan implementation will help to modify plan with changing environmental and fiscal realities

Comprehensive Plan for Coastal Restoration (CPCR) -Tasks

- Task 1. Project Initiation
 - Meetings to introduce the project and to receive input from the Parish President, Parish Council, CZM Committee, other parish officials, and stakeholders
- Task 2. Inventory of Available Materials
 - Review source documents and data availability
 - Review restoration projects and status of these projects
 - Identify technical issues (if any)
 - Conduct interviews (state and federal agency representatives)
 - Review current conditions and future projections of the coastal zone landscape utilizing existing plans

Comprehensive Plan for Coastal Restoration (CPCR) –Tasks (cont.)

- **Task 3. Draft Planning Inputs**
 - Develop objectives and principles
 - Develop evaluation metrics and decision criteria
 - A draft decision process to prioritize projects will be developed
- **Task 4. Gap Analysis of On-Going Activity**
 - Identify additional needs (actions to expedite projects that are already underway, as well as additional project concepts)

Comprehensive Plan for Coastal Restoration (CPCR) –Tasks (cont.)

- **Task 5. Development of Draft Comprehensive Plan for Coastal Restoration**
 - Recommendations on refining Master Plan measure concepts to constructible projects, as well as additional projects
 - Recommendations for actions that the Parish can take to expedite high priority projects that are currently underway
 - Recommendations to initiate actions that may facilitate long-term implementation of projects
 - Recommendations to develop projects that would be suitable for Parish implementation through federal grant-based or similar programs
 - A prioritized list of projects for implementation within the next five years and a strategy to maximize success of authorizing these projects

Comprehensive Plan for Coastal Restoration (CPCR) –Tasks (cont.)

- Task 6. Develop Final Comprehensive Restoration Plan
 - Comments from reviews
 - Incorporation of comments and finalizing the plan
- Task 7. Public Meetings
 - Interaction with the public during the regular CZM Committee meeting
 - Presentations and discussions on the plan during the meetings
 - Incorporation of public comments into the CPCR
- Task 8. External Technical Review
 - Technical review of the outputs from Task 3 and Task 5
 - Incorporation of technical comments into the CPCR

Comprehensive Plan for Coastal Restoration (CPCR) -Schedule

- Project Initiation- August 1, 2008
- Draft Planning Inputs Available- November 26, 2008
- Draft Plan for Review- January 30, 2009
- Final Plan Submittal- March 27, 2009

Comprehensive Plan for Coastal Restoration (CPCR)- Contact Information

Leslie Suazo
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Department of Coastal Restoration and Preservation
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(225) 298-4109

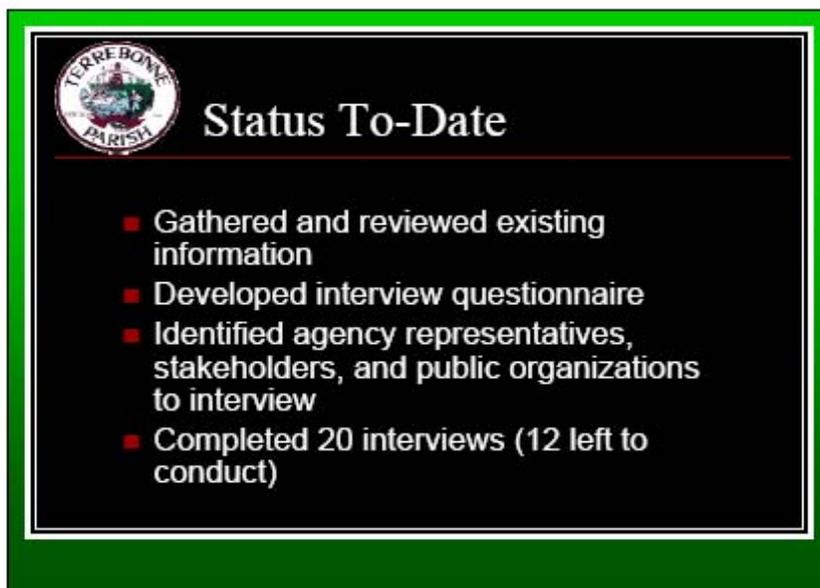
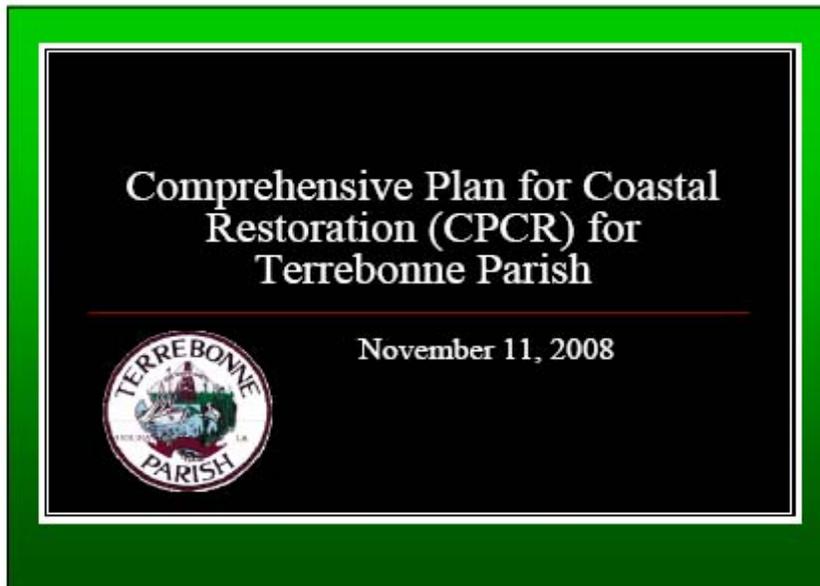
porthousej@halcrow.com

Comprehensive Plan for Coastal Restoration (CPCR)- Status To-Date

- Reviewed existing information
- Developed interview questionnaire
- Identified agency representatives to interview
- Initiated project interviews

2.3.2

November 11, 2008





Tasks Completed

- Task 1. Project Initiation
 - Meetings to introduce the project and to receive input from the Parish President, Parish Council, CZM Committee, other parish officials, and stakeholders
- Task 2. Inventory of Available Materials
 - Review source documents and data availability
 - Review restoration projects and status of these projects
 - Identify technical issues (if any)



Ongoing Tasks

- Task 2. Inventory of Available Materials
 - Conduct interviews (state and federal agency representatives)
 - Review current conditions and future projections of the coastal zone landscape utilizing existing plans
- Task 7. Public Meetings
 - Interaction with the public during the regular CZM Committee meeting
 - Presentations and discussions on the plan during the meetings
 - Incorporation of public comments into the CPR



Interviews



Project Initiation Questionnaire

- Emailed/faxed/distributed to interviewees prior to meeting/conference calls
- Summarized history of project and discussed the development of the Plan with each
- Engaged interviewees in conversation regarding each question
- Noted responses for incorporation into the CPR



Interviews

- Interviewees included:
 - Terrebonne Parish Government Officials including Parish President, Director of Public Works, and Director of Coastal Restoration and Preservation
 - Terrebonne Parish Council Members
 - Terrebonne Parish Coastal Zone Committee Members
 - Organizations/Public Stakeholders/Landowners
 - Resource Agency Representatives (USFWS, LDNR, NOAA, USACE, EPA, USDA)



Question 1

- When considering Louisiana's Comprehensive Master Plan for a Sustainable Coast and its vision for the Terrebonne Basin, do you see any obstacles to implementing any specific recommendations? Are there any refinements to its recommendations for coastal restoration in the Terrebonne Basin that you would suggest?



Responses to Question 1

- State Master Plan concepts are appropriate for Terrebonne Parish.
- Terrebonne Parish has been very successful in obtaining restoration funding to date, other coastwide needs are now recognized as equally important.
- While consensus exists that freshwater needs to be redistributed, extensive development along the existing natural network of bayous may limit opportunities.
- The Parish needs to prioritize projects and speak with one voice in regards to these projects.
- The Parish needs to focus on sustainable activities.



Question 2

- In your opinion, what are the top three restoration priorities in the Terrebonne Basin? Why? This may refer to a landscape feature, a specific project, or a restoration technique.



Responses to Question 2

- Freshwater introduction through utilization of the Atchafalaya River, Mississippi River and the GIWW
- Marsh creation
- Houma Navigation Canal Lock
- Control intrusion of salt water, but is it realistic to expect to control salt water influence from the Gulf of Mexico?
- Restoration of ridges and lake rims
- Minimize change in habitat type
- Restoration of the Barrier Islands- Currently there differing views on the benefits of restoring the barrier islands as well as the techniques that should be used to accomplish restoration of the islands



Question 3

- **What technical, policy, or stakeholder issues do you think are the most challenging when considering authorization of new projects in the Terrebonne Basin?**



Responses to Question 3

- Bureaucracy
- Need to propose projects with a higher probability of success
- Vastness of the area to be considered
- Resource constraints (e.g. fresh water, sediment)
- Leadership- There is need for a plan that states the priorities of the Parish and the resulting, achievable outcome if followed.



Question 4

- **What technical, policy, or stakeholder issues are currently delaying implementation of projects authorized in the Terrebonne Basin? Is there anything that the Parish can do to facilitate resolution of these issues?**



Responses to Question 4

- Design process extended to satisfy all decision-maker technical concerns (e.g. uncertainty in outcome, effect, priority, etc.)
- Although significant amounts of data are available, it may not be pertinent to resolving technical issues for making decisions.
- Landowner rights
- Sea-level rise and global warming
- Lack of consensus on effectiveness of various restoration techniques (e.g. managing salinity and water levels)



Question 5

- **Of the available resources or technologies for coastal restoration in the Parish, are there any you think are currently underutilized? If so, why?**



Responses to Question 5

- Optimization of Mississippi River and Atchafalaya River influence
- Pipeline conveyance of sediment
- Ridge restoration
- Shoreline protection (i.e. rocks)



Question 6

- **What funding mechanisms are currently available that you think may be underutilized in implementing restoration projects in the Parish? Does your agency offer specific grant programs that are open to the Parish for implementation of specific projects and programs to advance the CPR?**



Responses to Question 6

- North American Waterfowl Conservation Act
- NOAA Community Based Restoration
- Charities
- Landowners



Question 7

- **What, in your opinion, are the top three specific action items that the Parish needs to accomplish to accelerate restoration in the Terrebonne Basin?**



Responses to Question 7

- A Comprehensive Restoration Plan is essential. We must have a well developed plan that clearly states priorities for this Parish.
- Aggressive advocacy is essential.
- Need cohesive leadership- "One-Voice"
- Strict control of new development in wetlands.
- Proactively encourage public participation.



Next?



Tasks In-Progress

- **Task 2. Inventory of Available Materials**
 - Conduct interviews (state and federal agency representatives)
 - Review current conditions and future projections of the coastal zone landscape utilizing existing plans
- **Task 3. Draft Planning Inputs**
 - Develop objectives and principles
 - Develop evaluation metrics and decision criteria
 - A draft decision process to prioritize projects will be developed
- **Task 4. Gap Analysis of On-Going Activity**
 - Identify additional needs (actions to expedite projects that are already underway, as well as additional project concepts)



Schedule

- **Draft Plan for Review- January 30, 2009**
- **Final Plan Submittal- March 27, 2009**



Contact Information

Leslie Suazo

Terrebonne Parish Consolidated Government
Department of Coastal Restoration and Preservation
(985) 873-6889

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Jon Porthouse

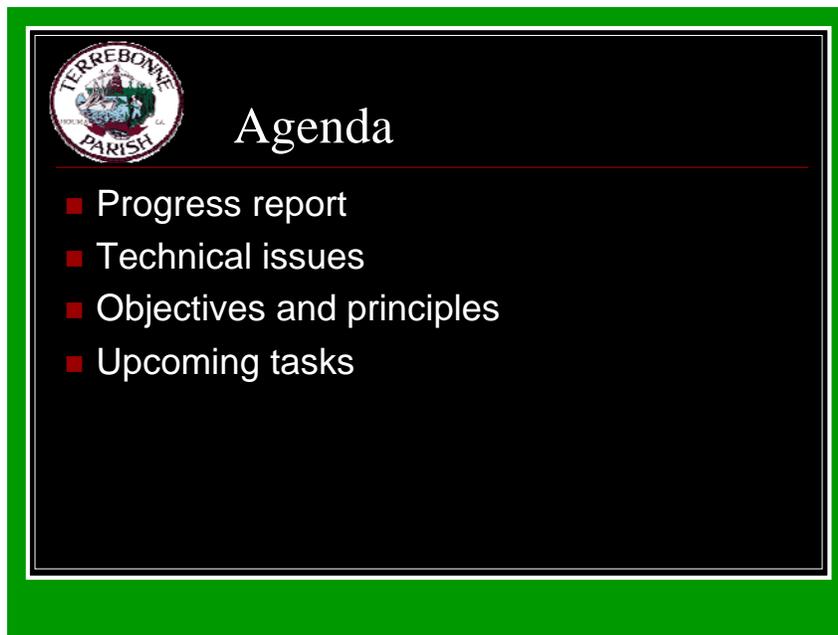
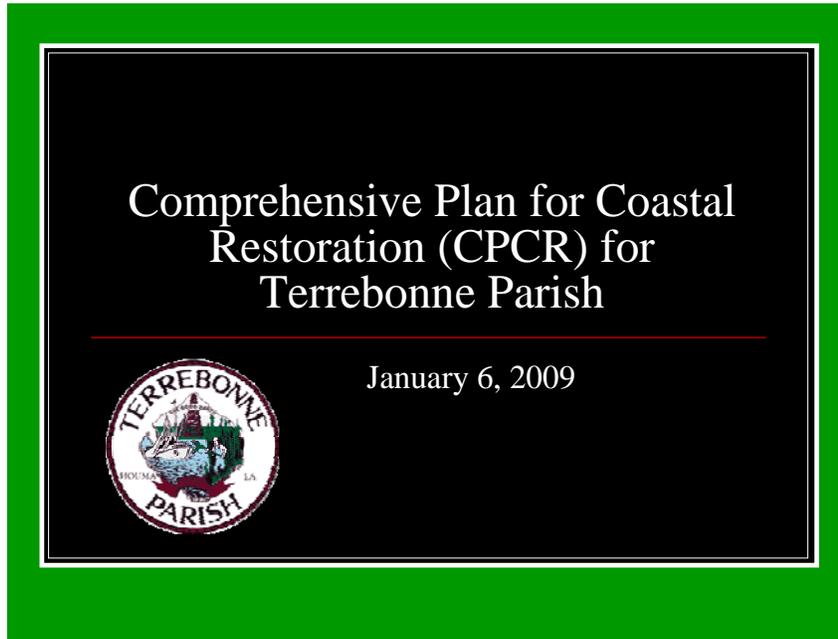
Halcrow
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porthousej@halcrow.com

2.3.3 December 02, 2008
No presentation given at this CZC Meeting.

2.3.4

January 6, 2009





Status To-Date

- Gathered and reviewed existing information
- Developed interview questionnaire
- Identified agency representatives, stakeholders, and public organizations to interview
- Completed interview process
- Plan development process initiated
 - Objectives, Principles, and Metrics completed
 - Draft decision process to filter projects has been developed
 - Filtering of projects is currently in progress
 - Plan development process produced in consultation with technical reviewer
- Draft report in progress



Tasks Completed

- Task 1. Project Initiation
 - Meetings to introduce the project and to receive input from the Parish President, Parish Council, CZM Committee, other parish officials, and stakeholders
- Task 2. Inventory of Available Materials
 - Review source documents and data availability
 - Review restoration projects and status of these projects
 - Identify technical issues (if any)
 - Conduct interviews (state and federal agency representatives)
 - Review current conditions and future projections of the coastal zone landscape utilizing existing plans
- Task 3. Draft Planning Inputs
 - Develop objectives and principles
 - Develop evaluation metrics and decision criteria
 - A draft decision process to prioritize projects will be developed



Ongoing Tasks

- Task 7. Public Meetings
 - **Interaction with the public during the regular CZM Committee meeting**
 - Presentations and discussions on the plan during the meetings
 - Incorporation of public comments into the CPR



The Goal of the Plan

Promote and facilitate preservation and sustainable restoration of the coastal ecosystem in the Terrebonne Basin.



Technical Issues Shaping the Plan for Terrebonne Parish



Relative Sea-Level Rise

- Relative sea-level (RSLR) rise is the change in average water surface elevation relative to the soil surface.
 - Includes local subsidence, soil accretion, and regional changes in sea level.
 - Terrebonne Parish is currently subjected to one of the highest subsidence rates in coastal Louisiana.
 - Sea-level rise is expected to increase significantly in the coming years due to global warming.
- Coastal restoration efforts should include mechanisms to ensure accretion of soil proportional to RSLR for long-term sustainability.



Soil Accretion and Composition

- Soil accretion rate is the rate at which the surface elevation of wetlands increases.
 - Deposition of mineral sediments suspended within a water column.
 - Sediment-rich river water.
 - Storm-induced sediment introduction.
 - Organic matter productivity (root mass or above-ground material).
- Fresh marsh soils with a higher content of mineral sediments are generally more resistant to toxicity from salt-water intrusion.
- Soils with a higher content of mineral sediments are generally more resistant to physical erosion during storms.
- Soil accretion must be greater than or equal to relative sea level rise in order to promote sustainability and potentially increase the amount of marsh within Terrebonne Parish.



Barrier Island Integrity

- The integrity of the Terrebonne barrier island systems is critical:
 - Reduces wave energy reaching inland bays.
 - Slows progression of storm surges.
 - A component of establishing a salinity gradient.
 - Critical habitat for threatened and endangered species.
- Increasing integrity of the barrier island system requires that we increase retention time of sand in the system:
 - Promote sand bypassing of tidal inlets.
 - Provide for wide back-marsh platforms to retain sand when islands are overtopped.
 - Allow the natural transport of sand along-shore.
- Structural solutions to erosion control may slow erosion in the project area, but:
 - Without a sustainable source of sand, this may cause increased erosion in adjacent areas.
 - Structural solutions should be limited to areas where sand would otherwise be lost to the system.



Tidal Prism

- Tidal prism is the amount of water that flows into and out of an estuary or bay with the flood and ebb of the tide.
 - Tidal prism is proportional to the area of open water on the flood-tide side of an inlet.
 - Increasing tidal prism leads to larger tidal passes, either in barrier islands or inland tidal basins.
 - Reducing size (cross-section) of tidal passes without reducing tidal prism is not generally a viable solution.
 - Is it reasonable to expect that we may reduce tidal prism when Terrebonne Basin is losing nearly 10 sq. mi. of land per year?



Objective, Principles, and Metrics for the CPCR for Terrebonne Parish



Objectives, Principles, and Metrics

- **Objectives** are measurable outcomes that are intended to be achieved through implementation of the plan.
 - **Principles** are statements concerning how the objectives should be implemented, and are based on sound scientific and technical knowledge. These “value statements” provide critical inputs and can constrain what will and won’t be considered a viable action while developing the plan.
- **Metrics** are how the objectives will be measured.



Objective 1

- **Increase integrity of barrier island systems.**
 - Avoid placing erosion control structures on barrier islands, except in situations where sand would otherwise be lost to the littoral system.
 - Sand should not be dredged from ebb/flood tidal shoals.
 - Barrier island integrity may be enhanced by adding new sand to the island, allowing for sand transport across tidal passes, and/or increasing the width of the island.



Objective 2

- Increase vertical accretion of wetland soils.
 - For wetlands to be increased sustainably, soil accretion needs to be equal or greater than relative sea level rise.
 - Sediment input to wetlands occurs by regular flooding of turbid water; projects that limit natural fluctuation of water levels on wetlands should be avoided.
 - Nutrient rich water (from rivers, pumps/ sanitary systems) should be routed over vegetated wetland surfaces to stimulate organic matter productivity.
 - Limited sediment availability is one of the constraints on system rehabilitation. Therefore, plan elements including mechanical sediment retrieval and placement may be considered where landscape objectives cannot be met using natural processes.
 - Because sediment mining can contribute to ecosystem degradation in the source area, such alternatives should, to the extent practicable, utilize material from renewable sources (i.e. rivers), navigation channels, or off-shore areas.



Objective 3

- Maximize habitat diversity of coastal wetlands.
 - In establishing and maintaining salinity gradients, projects should promote a dynamic system rather than fixing isohalines and actively managing salinity.
 - This is best achieved by allowing fluctuating freshwater inputs to the head of the estuary.



Objective 4

- Minimize residential development in wetlands south of the Gulf Intracoastal Water Way (GIWW).
 - Residential development in wetlands south of the GIWW has the potential to limit implementation of projects that seek to restore natural processes and should be avoided whenever possible.



Metrics

- Volume of sand placed on the island (Obj. 1).
- Acreage of barrier islands (Obj. 1).
- New sediment introduced into the wetlands—qualitative (Obj. 2).
- Effect on land/water ratio—qualitative (Obj. 2).
- Volume of freshwater introduced to project areas (Obj. 3).
- Acres impacted per year by residential development (Obj. 4).



Tasks In-Progress

- Task 3. Draft Planning Inputs
 - A draft decision process to prioritize projects will be developed
- Task 4. Gap Analysis of On-Going Activity
 - Identify additional needs (actions to expedite projects that are already underway, as well as additional project concepts)
- Task 5. Development of Draft Comprehensive Plan for Coastal Restoration
 - Recommendations on refining Master Plan measure concepts to constructible projects, as well as additional projects
 - Recommendations for actions that the Parish can take to expedite high priority projects that are currently underway
 - Recommendations to initiate actions that may facilitate long-term implementation of projects
 - Recommendations to develop projects that would be suitable for Parish implementation through federal grant-based or similar programs
 - A prioritized list of projects for implementation within the next five years and a strategy to maximize success of authorizing these projects
- Task 8. External Technical Review
 - Technical review of the outputs from Task 3 and Task 5
 - Incorporation of technical comments into the CPR



Schedule

- Draft Plan for Review- February 3, 2009
 - February CZM meeting
- Deadline for Public Comments- March 3, 2009
 - March CZM meeting
- Final Plan Submittal- April 7, 2009
 - April CZM meeting



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2.3.5

February 03, 2009

Comprehensive Plan for Coastal Restoration (CPCR) for Terrebonne Parish



February 3, 2009



Agenda

- Progress report
- Planning process
- Plan overview
- Upcoming tasks



Status To-Date

- Gathered and reviewed existing information
- Developed interview questionnaire
- Identified agency representatives, stakeholders, and public organizations to interview
- Completed interview process
- Plan development process completed
 - Objectives, Principles, and Metrics completed
 - Draft decision process to filter projects has been developed
 - Filtering of projects is currently in progress
 - Plan development process produced in consultation with technical reviewer
- Draft report completed



Tasks Completed

- Task 1. Project Initiation
 - Meetings to introduce the project and to receive input from the Parish President, Parish Council, CZM Committee, other parish officials, and stakeholders
- Task 2. Inventory of Available Materials
 - Review source documents and data availability
 - Review restoration projects and status of these projects
 - Identify technical issues (if any)
 - Conduct interviews (state and federal agency representatives)
 - Review current conditions and future projections of the coastal zone landscape utilizing existing plans
- Task 3. Draft Planning Inputs
 - Develop objectives and principles
 - Develop evaluation metrics and decision criteria
 - A draft decision process to prioritize projects will be developed
- Task 4. Gap Analysis of On-Going Activity
 - Identify additional needs (actions to expedite projects that are already underway, as well as additional project concepts)



Ongoing Tasks

- Task 7. Public Meetings
 - Interaction with the public during the regular CZM Committee meeting
 - Presentations and discussions on the plan during the meetings
 - Incorporation of public comments into the CPR



Planning Process



The Goal of the Plan

Promote and facilitate preservation and sustainable restoration of the coastal ecosystem in the Terrebonne Basin.



Plan Objectives

- **Increase integrity of barrier island systems**
- **Increase vertical accretion of wetland soils**
- **Maximize habitat diversity of coastal wetlands**
- **Minimize residential development in wetlands south of the Gulf Intracoastal Waterway.**



Planning Process

- **Initial list of projects, strategies, and concepts from public and stakeholder engagement and existing plans and programs**
- **Remove duplicates**
- **“Gap analysis” with State Master Plan**



Planning Process

- **Initial screening for consistency with plan objectives and principles**
 - **Project must contribute to at least one objective to be considered “viable”**
 - **Projects which violate any planning or programmatic principles are removed from consideration (if they cannot be modified)**



Planning Process

- **Assess performance of projects:**
 - Desirable characteristics (precaution, robustness, cost effectiveness, adaptability, timeliness)
 - Objective-specific performance metrics



Planning Process

- **Prioritization and sequencing of highest performing projects, based on:**
 - Synergies
 - Independent utility
 - Conflicts
 - State Urgent Early Action?
 - Implementation status
 - Total potential restoration benefits



Planning Process

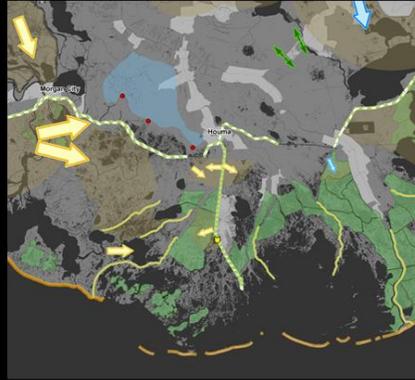
- 87 projects on initial list, including 62 “new-start” projects (projects with no authorized funding for engineering and design)
- 80 projects assessed for performance, including:
 - 18 ongoing projects
 - 8 barrier island projects
 - 22 freshwater introduction projects
 - 32 marsh creation projects
- 7 projects did not help achieve plan objectives



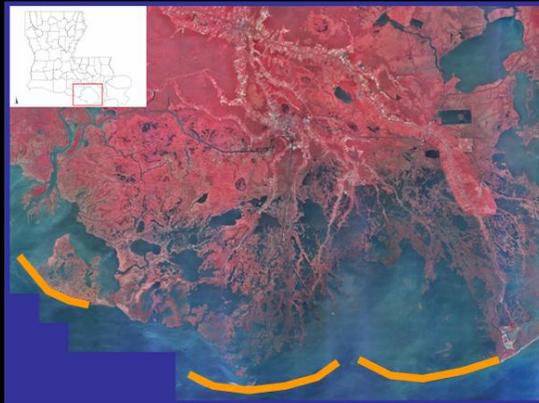
Plan Overview

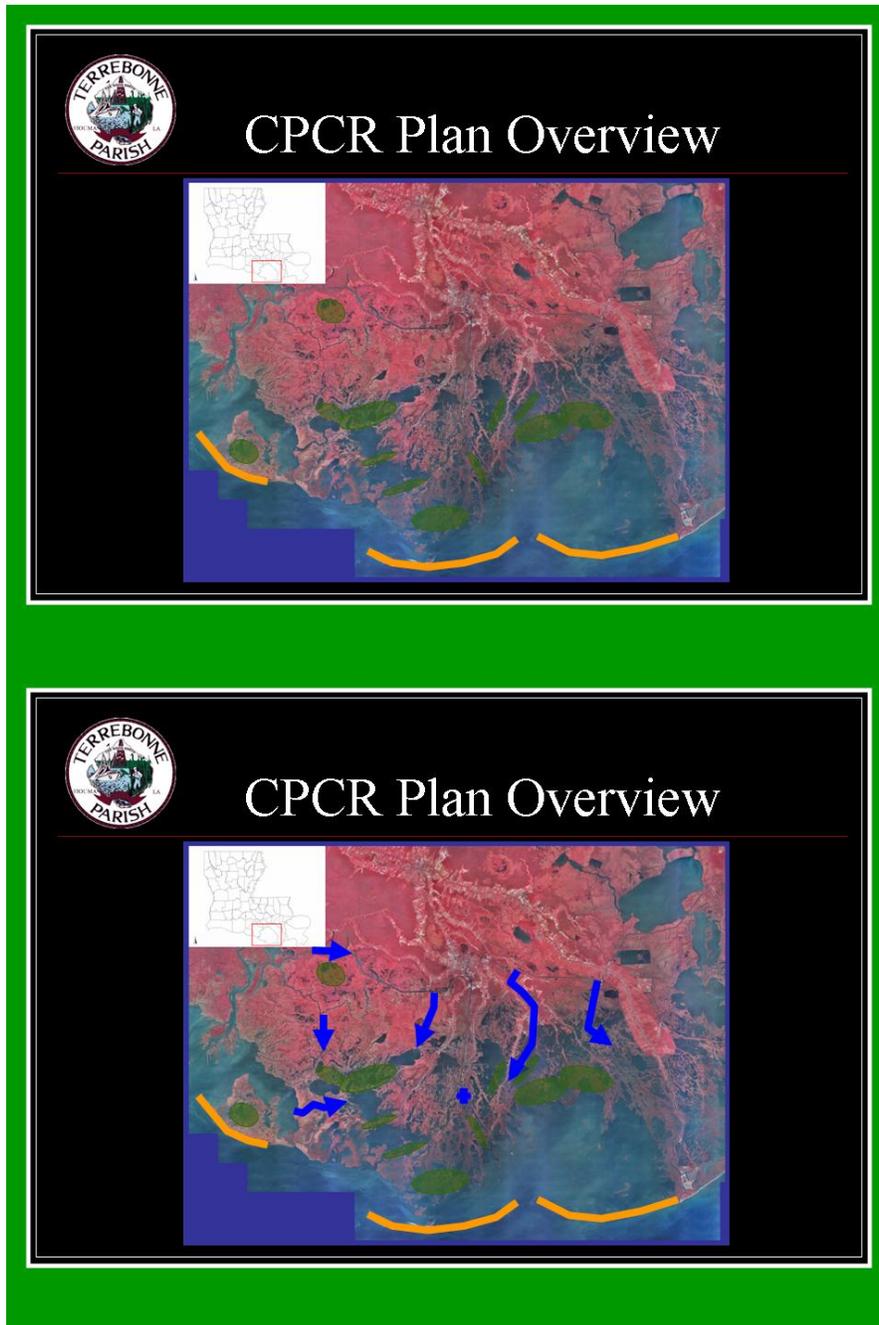


State Master Plan



CPCR Plan Overview

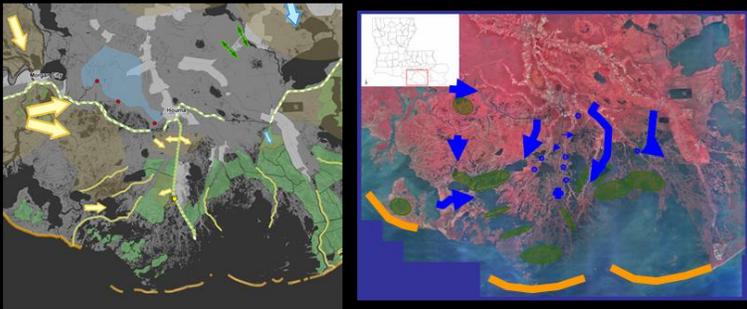




 **CPCR Plan Overview**



 **CPCR Plan Overview**





Tasks In-Progress

- Task 6. Development of Final Comprehensive Plan for Coastal Restoration
 - Recommendations on refining Master Plan measure concepts to constructible projects, as well as additional projects
 - Recommendations for actions that the Parish can take to expedite high priority projects that are currently underway
 - Recommendations to initiate actions that may facilitate long-term implementation of projects
 - Recommendations to develop projects that would be suitable for Parish implementation through federal grant-based or similar programs
 - A prioritized list of projects for implementation within the next five years and a strategy to maximize success of authorizing these projects
- Task 8. External Technical Review
 - Technical review of the outputs from Task 3 and Task 5
 - Incorporation of technical comments into the CPR

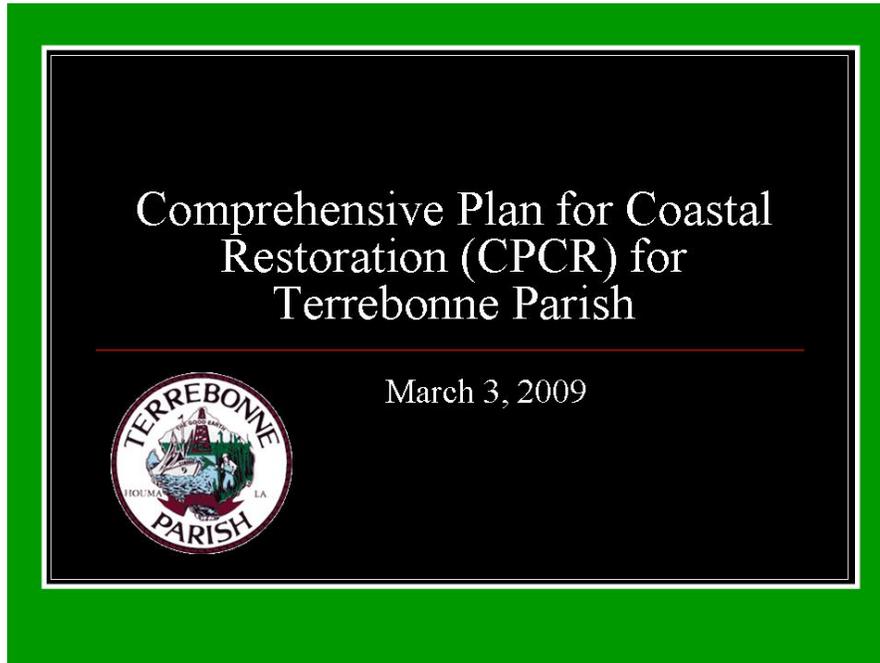


Schedule

- Draft Plan for Review- February 3, 2009
 - February CZM meeting
- Deadline for Public Comments- March 3, 2009
 - March CZM meeting
- Final Plan Submittal- April 7, 2009
 - April CZM meeting

2.3.6

March 3, 2009

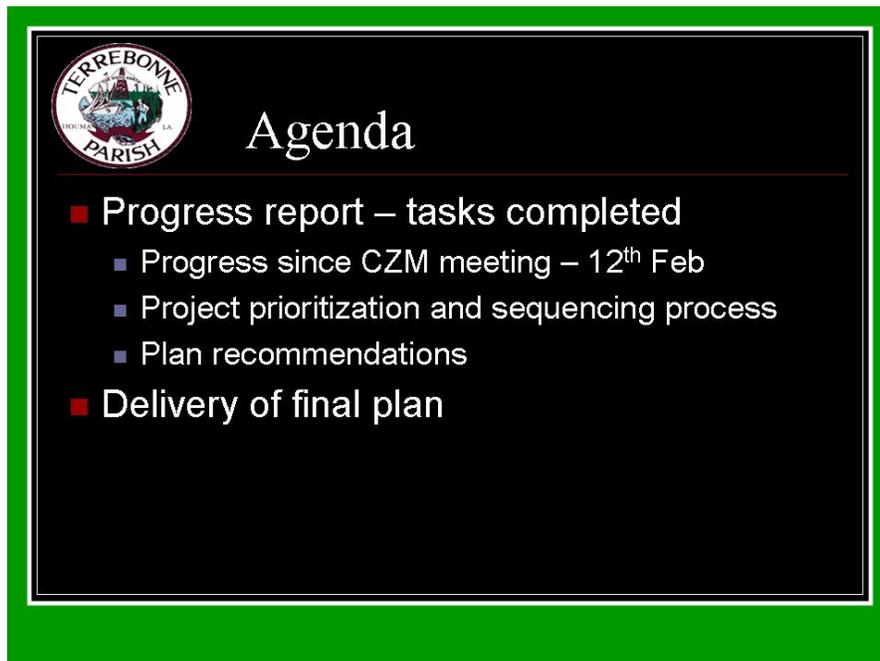


Comprehensive Plan for Coastal Restoration (CPCR) for Terrebonne Parish

March 3, 2009



The slide features a black background with a white border, set against a green background. The title is centered in white serif font. A horizontal line is positioned below the title. The date is centered below the line. The Terrebonne Parish logo is located in the bottom left corner.



 Agenda

- Progress report – tasks completed
 - Progress since CZM meeting – 12th Feb
 - Project prioritization and sequencing process
 - Plan recommendations
- Delivery of final plan

The slide features a black background with a white border, set against a green background. The Terrebonne Parish logo is in the top left corner. The word 'Agenda' is centered in white serif font. Below it is a list of items, each preceded by a red square bullet point. The list items are in white sans-serif font.



Tasks Completed

- Task 1. Project Initiation
 - Meetings to introduce the project and to receive input from the Parish President, Parish Council, CZM Committee, other parish officials, and stakeholders
- Task 2. Inventory of Available Materials
 - Review source documents and data availability
 - Review restoration projects and status of these projects
 - Identify technical issues (if any)
 - Conduct interviews (state and federal agency representatives)
 - Review current conditions and future projections of the coastal zone landscape utilizing existing plans
- Task 3. Draft Planning Inputs
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- Task 6. Development of Final Comprehensive Plan for Coastal Restoration
 - Recommendations on **refining Master Plan measure concepts** to constructible projects, as well as additional projects
 - Recommendations for actions that the Parish can take to **expedite high priority projects that are currently underway**
 - Recommendations to **initiate actions that may facilitate long-term implementation of projects**
 - Recommendations to develop projects that would be **suitable for Parish implementation through federal grant-based or similar programs**
 - A prioritized list of projects for implementation within the next **five years** and a **strategy to maximize success of authorizing these projects**
- Task 8. External Technical Review
 - Technical review of the outputs from Task 3 and Task 5 – awaiting comments; they will be incorporated into the Final Document



Planning Process



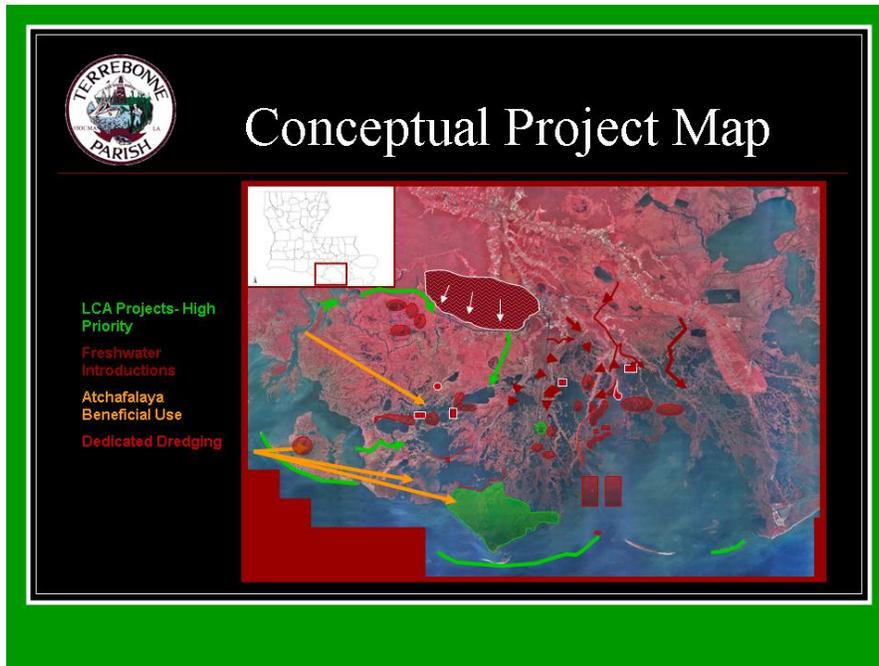
Planning Process

- Define suggested projects as strategies, concepts or projects
- Remove duplicate projects
- Does the project meet the objectives? (Page 39)
 - Objective 1 - Increase the integrity of barrier island systems?
 - Objective 2 - Increase vertical accretion of wetland soils?
 - Objective 3 - Maximize habitat diversity of coastal wetlands?
 - Objective 4 - Minimize residential development in wetlands south of the Intracoastal Waterway?
- If yes, score project performance against: (Page 42)
 - Desirable characteristics
 - Objectives metrics
- Prioritization and sequencing of highest performing projects, based on:
 - Synergies
 - Independent utility
 - Conflicts
 - State Urgent Early Action?
 - Implementation status
 - Total potential restoration benefits



Planning Process

- 93 projects on initial list, including 73 "new-start" projects (projects with no authorized funding for engineering and design)
- 89 projects assessed for performance, including:
 - 19 ongoing projects
 - 36 marsh creation projects
 - 27 freshwater introduction projects
 - 7 barrier island projects
- 4 projects did not help achieve plan objectives



TERREBONE PARISH

Example

- Lake Decade Marsh Creation and Nourishment (Project FD9)

Obj' 1	Prin' 1a	Prin' 1b	Prin' 1c	Obj' 2	Prin' 2a	Prin' 2b	Prin' 2c	Prin' 2d	Obj' 3	Prin' 3a	Obj' 4	Prin' 4a
0				+	+	0	0	+	0		0	

Precaution	Robustness	Cost-effectiveness	Adaptability	Timeliness	Obj'1 Metric	Obj'2 Metric	Obj'3 Metric	Obj'4 Metric	SUM
5	4	4	4	5	1	5	3	3	34



Project Priority and Program

- **LCA Projects (Page 55)**
 - FD3 Plug Leaks in GIWW (Bankline Protection for GIWW)
 - FD39 Racoon Island
 - FD40 Whiskey Island
 - FD41 Trinity Island
 - FD43 Wine Island
 - FD44 West Timbalier Island
 - FD60 Remove Constrictions/Dredge GIWW from Bayou Black to Bayou Wallace
 - FD61 Break in Avoca Guide Levee, North of Horseshoe to Convey Freshwater to Terrebonne Marshes
 - FD58 Dredge Minors Canal (GIWW to Lake Decade)
 - FD37 Caillou Lake Landridge which includes project number 37. Sediment Introduction at South Shore of Sister Lake
- **Freshwater Introduction to Terrebonne Marshes (CWPRA, CIAP, NAWCA and Local Parish Funding)**
 - FD77 Woodlawn Ranch Road Pump Station
 - FD71 Ashland Freshwater Introduction and Wetland Assimilation Project
 - FD65 Large Pump Station at Bayou Terrebonne
 - FD72 Lower Bayou Dularge Pump Station
 - FD73 Upper Bayou Dularge Pump Station



Project Priority and Program

- **Atchafalaya River Influence (CWPRA, CIAP, NAWCA and Local Parish Funding)**
 - FD67 Falgout Canal Freshwater Enhancement (Phase I)
 - FD85 Reconnect Grand Bayou to GIWW
 - FD62 Dredge Company Canal to Convey Freshwater Flow to Terrebonne Marshes
 - FD57 Dredge Bayou Terrebonne from Company Canal to Humble Canal
 - FD79 Bayou Terrebonne Freshwater Diversion Project
- **Marsh Creation/Restoration (CWPRA, CIAP, NAWCA and Local Parish Funding)**
 - FD20 Rebuild the East Bank of Bayou Terrebonne – Integrity for Freshwater Conveyance
 - FD31 Lost Lake Shoreline Protection and Hydrologic Restoration
 - FD63 Marsh Restoration South-West of Four League Bay (Phased Implementation)
- **Beneficial Use (CWPRA, CIAP, NAWCA and Local Parish Funding)**
 - FD27 Marsh Creation East of Felix Lake
 - FD26 Marsh Creation West of Four Point Bayou
 - FD25 Marsh Creation North Deep Saline
 - FD46 Wine Island (Dredge material obtained through dredging of the Houma Navigation Canal Channel located within Terrebonne Bay)



Recommendations

- Update and update the CPCR in the future (LCA and Morganza).
- Establish additional capacity.
- Seek opportunities to participate in non-structural flood protection programs.
- Advocate scientific and technological advancements.
- Develop mechanisms to facilitate future regional planning.



Tasks In-Progress

- Task 9. Finalization of plan
 - Incorporation of comments by technical reviewer
 - Incorporation of committee and public comments



Schedule

- Final Draft Plan for Review- March 3, 2009
 - March CZM meeting
- Deadline for Public Comments- March 17, 2009
 - March CZM meeting
- Final Plan Submittal- April 7, 2009
 - April CZM meeting



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2.3.7 April 7, 2009

No presentation given at this CZC Meeting.

3 Public Comments Regarding Draft Terrebonne Parish Comprehensive Plan for Coastal Restoration

Public and stakeholder input was sought throughout preparation of the Draft Comprehensive Plan for Coastal Restoration for Terrebonne Parish. The final draft document was issued to the CZM committee and a copy of the document was posted on the Parish website for comment. A record of the comments received is detailed in **Table 3.1**.

Table 3.1 Terrebonne Parish Coastal Zone Committee Meeting Schedule, 2008-2009

Name	Comment	Response
Mickey Thomas	In reviewing the criteria for scoring the 89 projects considered for the draft plan, I keep getting stuck on criteria number 4, “Minimize residential development in wetlands south of the Intracoastal Waterway.” Criteria 4.a goes on to explain “Residential development in wetlands south of the GIWW has the potential to limit implementation of projects that seek to restore natural processes and should be avoided whenever possible.” These statements will almost certainly be interpreted as objectives of the committee rather than having been derived by Halcrow, Inc. While I think Halcrow’s draft plan is a good document, I wish to note that I do not agree with the above statements. In fact, I believe these particular criteria are not in the best interest of the parish as stated.	Appropriate wording will be used to replace that which is currently used to describe Objective 4, such that the revised text is based on the inset text written on page 68 of the Master Plan.
Mickey Thomas	First, it is not, in my opinion, in the economic interest of the parish to prohibit residential development south of the GIWW. Certainly, development should be consistent with the restoration objectives of the parish. However, the statement “avoided wherever possible” fails to support the culture of our area, the economic importance of recreational residences (and the support of those populations), and undermines the value of existing primary residential properties south of the GIWW.	Acknowledge – refer to action above.
Mickey Thomas	Second, development throughout the parish should be consistent with the restoration objectives of the parish, north and south of the GIWW. It is inconsistent to establish a criteria South of the GIWW when, for example, the introduction of fresh water from the Atchafalaya River has communities north of the GIWW concerned about flooding.	Acknowledge – refer to action above.
Mickey Thomas	Third, I did not see that any of the proposed projects require the relocation of a residence. I do acknowledge the challenges of moving fresh water around existing populations and concur that future	Acknowledge – refer to action above.

Terrebonne Parish Comprehensive Plan for Coastal Restoration
Appendix A - Stakeholder Engagement - Summary of Interview Process

Name	Comment	Response
	development in the parish should be consistent with the restoration projects and objectives in the plan. Indeed, we have identified a very important use for the Plan.	
Mickey Thomas	Finally, a few people have inquired about the opportunity to comment on the plan. What is our ability to extend final adoption to provide for more public input, especially now that the draft is on the parish website?	The deadline was amended to allow additional time for further comment.
Greg Linscombe, Continental Land and Fur	Section 2.3- (Page 24) Coastal Land Loss- It appears that none of the reasons given for wetlands loss clearly apply to the approximately 25,000 acres of broken up floating marsh and conversion to open water in northern Terrebonne Parish. This area is shown on the wetland loss map. This breakup appeared to begin in the mid to late 1960s and accelerated after the flood in the early 1970s. Explanations for breakup include; flooding, herbivory, and faulting. Herbivory is under control with CNCP and faulting cannot be controlled. That leaves flooding. Maybe something can be said about flooding as it relates to land loss in this area. This was discussed in some detail in the Penchant Basin EA, 2008.	This is covered in Section 2.1.3 of the Plan, but an amendment to Section 2.3 has also been made to ensure that this topic is fully covered in the Plan.
Greg Linscombe, Continental Land and Fur	Section 5.1-(Page 44) Ongoing Projects- FD 83, Avoca Island Diversion and Land Building (concept of diverting freshwater should be continued). This project was scored 33. This high score appears to ignore the major problem of too much water in the Penchant Basin and no way to effectively get it out or to the areas where it is needed.	This has come about in the way that we have scored the objective metrics: FD83 OM2 - Landgain is greater than today (++) OM3 – Freshwater (+)
Greg Linscombe, Continental Land and Fur	Section 5.1-(Page 44) Ongoing Projects- FD 4, GIWW Bank Restoration of Critical Areas in Terrebonne-TE-43 is not partially built. Four reaches were moved from CWPPRA to CIAP. Construction on the CIAP reaches hopefully will start in June of this year. A remaining next most critical breach (TE-43) is still waiting for Phase II funding.	The Plan has been amended to show that the project is ready for construction.
	It would seem that this project (FD 4), engineered and with permit should score higher than 28 and higher than FD 83 with all the associate problems with flooding.	This has come about in the way that we have scored the objective metrics: FD83 OM2 - (-) OM3 - (-)
Greg Linscombe, Continental Land	Section 5.3- (Page 47, 48) Freshwater Introduction/Pump Station Projects. Why would	The score is different due to variations in the

Terrebonne Parish Comprehensive Plan for Coastal Restoration
Appendix A - Stakeholder Engagement - Summary of Interview Process

Name	Comment	Response
and Fur	FD 60, Remove Constrictions/Dredge GIWW from Bayou Black to Bay Wallace, score 29 ahead of FD 3, Plug Leaks in GIWW (Bankline Protection for GIWW)? Do we really know the benefits of FD 60?	scoring: FD60: =,+,+,+,+ , - - ,+,+,+,+ = FD3: +,+,+,+,+ =,+,+,+,+ , - - , -, =
Greg Linscombe, Continental Land and Fur	Section 5.1- (Page 48) LCA Projects, FD60 and FD61 should not be implemented without insuring no increase in water level in the Penchant Basin.	Section 5.1 of the Plan has been amended to include this comment.
Greg Linscombe, Continental Land and Fur	Section 5.3 (Page 52) Beneficial Use. Perhaps this section could contain a statement about the principle of spoil on spoil (dredge material placed on old existing spoil banks) as “beneficial use” since this practice is used by land managers to restore or maintain a bank that provides protection to eroding marshes. I believe the CZ Committee believes that mitigation should not be required for this type of activity and a resolution may have been sent to the State. CMD and the COE do not consider this as beneficial and instead require mitigation. However, I don’t believe this concept has been discussed in detail with these agencies. The appearance of a proposed CMD rule on “Beneficial Use of Dredge Material” may present an opportunity for such discussions.	This does not apply to the projects that have been included in the TPCPCR.
Greg Linscombe, Continental Land and Fur	Section 5.4 (Page 54) Sediment Pipeline. Shaw Coastal Inc. conducted a detailed study of Beneficial Use of Dredge Spoil Material using Long Distance Sediment Transport. This study is dated 2006 and was done for the Port of Morgan City and the Louisiana DNR. Three general areas for marsh building were documented, all in Terrebonne. Detailed data was collected for many specific sites within these general areas. It would seem that the inclusion of the findings in this study should be in the CPCRT document.	Acknowledged in Section 5.4 of the Plan.
Mike and Kaye LeBlanc.	On page 53, Figure 5.1, (between the area 7a and 7 south to 13b-13), no one contacted the landowner to originate the deposit sites designated on Figure 5.1. The landowner between these points owns both sides of the Houma Navigation Canal and all lands beneath the Houma Navigation Canal right of way by a perpetual agreement/contract between Terrebonne Parish Government and the landowner. Any material dredged from the above described land is the property of the landowner and will be deposited or paid landowner as per institutions delineated in the perpetual agreement/contract between Terrebonne Parish Government and the landowner. Failure to do so will constitute a breach	Acknowledged. No specific action taken to amend text in the plan.

Terrebonne Parish Comprehensive Plan for Coastal Restoration
Appendix A - Stakeholder Engagement - Summary of Interview Process

Name	Comment	Response
Don Grissam (Via telecons with Leslie Suazo)	<p>of contract.</p> <p>Programmatic principles (second bullet), page 40 – We should try to mandate the type of dredging that takes place in canals and bayous. Currently prop/wheel-washing is undertaken to clean-out access channels to oil and gas pipelines and inland bayous/shallow-open areas. Unless the channel is ‘well-known’, the nature of this dredging process makes it difficult to maintain a depth and as a result undermines the banks, their integrity and makes them unstable. The process also creates unnecessary turbid water. The problem lies in the fact that this process is cheaper than bucket or spray dredging, and no mitigation is required by law, and thus bucket or spray dredging cannot be required by Terrebonne Parish.</p>	Add text to page 40 (after reference to Terrebonne 2004)...‘The best available technologies shall be encouraged when dredging oil and gas pipeline access channels, canals and inland bayous’.
Gerald Schouest (comment obtained via telecons. with Leslie Suazo)	Asked the question, Why did the HNC Bank Stabilization Project score 0?	The project titled ‘HNC Bank Stabilization’ is recorded as a duplicate. Jon Porthouse of Halcrow confirmed in the CZM Meeting on the 7 th April that this is because the project did not meet the objectives/violated principles.