

Coastal Wetlands Planning, Protection and Restoration Act

TASK FORCE MEETING

April 12, 2001

I. INTRODUCTION

Opening comments were made by Colonel Thomas Julich, who convened the forty-second of the Louisiana Coastal Wetlands Conservation and Restoration Task Force at approximately 9:35 a.m. on April 12, 2001, in the District Assembly Room, at the United States Army Corps of Engineers, New Orleans District, in New Orleans, Louisiana. The agenda is shown as enclosure 1. The Task Force was created by the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA commonly known as the Breaux Act), which was signed to law (PL 101-646, title III) by President Bush on November 29, 1990.

Colonel Julich reported on the New Orleans District visit by several congressional staffers. The staffers were briefed on Breaux Act and 2050 Feasibility efforts and the case for Federal interest. Colonel Julich, also, reported on the meeting to exchange information with the Florida Everglades project group.

Mr. James Burgess reported on a Louisiana visit by NOAA officials and people from National Geographic. He stated that the president's budget increased NOAA restoration funding.

Dr. Len Bahr introduced State Representative Loulan Pitre, Jr. and thanked Colonel Julich for the success of the meeting to exchange information with the Florida Everglades project group.

Colonel Julich then reported on the high water inspection trip and his briefing of congressional representatives on coastal matters.

II. ATTENDEES

The attendance record for the Task Force meeting is presented as enclosure 2.

Listed below are the six Task Force members:

Dr. Len Bahr, State of Louisiana

Mr. Sam Becker, Environmental Protection Agency

Mr. Dave Frugé, U.S. Department of the Interior

Mr. Don Gohmert, U.S. Department of Agriculture

Mr. James Burgess, U.S. Department of Commerce

Colonel Thomas Julich, U.S. Army Corps of Engineers

All of the Task Force members were in attendance.

III. APPROVAL OF MINUTES FROM PREVIOUS MEETING

Motion by Dr. Len Bahr: To approve the minutes from the Task Force meeting held on January 10, 2001.

The motion was seconded and passed unanimously.

IV. TASK FORCE DECISIONS AND DISCUSSIONS

A. Bayou Lafourche Siphon Project Status (Becker)

Mr. Sam Becker reported findings from the April 2001 report "Bayou Lafourche Diversion Update". His findings show that 1000 cfs. does not cause property problems. The report indicates that the following benefits are achievable:

1. Stable water levels
2. Cleaner water
3. Fresh water supply
4. Prevents saltwater intrusion
5. 70-80% of water will make it to wetlands

Dr. Len Bahr voiced his support for the project. Mr. Randy Hanchey stated that the engineering questions had been answered but the benefits need to be reanalyzed. He asked the Task Force, "At what stage should we look for other cost-share partners?" Mr. Dave Fruge stated the need to look at what is needed for other funding. Mr. Don Gohmert advocated moving forward and looking for other funding authorities and determining what percentage of the water would go to CWPPRA purposes. Mr. Burgess directed the Technical Committee to examine the issues, including real estate acquisition, and report back to the Task Force. There was a lengthy discussion of all of the technical, political, and funding issues involved. State Representative Loulan Pitre, Mr. Bingham, a paper mill plant manager, Mr. Woody Gagliano, Mr. Mark Davis, Ms. Denise Reed, Mr. Kerry St. Pei, Mr. Martin Cancienne, and Mr. Cullen Curole all added their generally favorable views that the project needed the full consideration of the Task Force to move forward. Colonel Julich stated that Water Resource Development Acts do not generally fund water supply projects. Mr. Sam Becker requested that each agency designate a person to work on the issue. The Task Force directed the Technical Committee to report on the project at the next Task Force meeting.

B. Recommendations for Construction Approvals (Saia)

Mr. John Saia presented the recommendation of the Technical Committee that the Task Force approve construction funding for the Dustpan-Cutterhead demonstration project in the amount of \$1,600,000. The Task Force confirmed its February 2001 fax vote to approve construction of the NRCS sponsored Cheniere au Tigre Demonstration Project at an estimated cost of \$581,000.

Dave Frugé moves to approve.
Don Gohmert seconds to motion.
Motion passes unanimously.

C. Recommendations for Approvals of Project Cost Increases (Saia)

The Task Force confirmed its fax vote of March 30, 2001 requested by the Natural Resources Conservation Service to approve a \$440,000 cost increase to \$4,536,000 for the Caernarvon Outfall Management Project.

Mr. Saia presented a request by the National Marine Fisheries Service to approve a cost increase of \$300,000 on the Lake Salvador Shoreline Stabilization Demonstration Project to remove the structures. The request had not come before the Technical Committee.

Motioned by Don Gohmert
Second to motion by James Burgess
Motion passed unanimously.

D. Status of Complex Project Studies (Podany)

Mr. Tom Podany reported the status of the following complex project studies that originated in the 9th Priority Project List process:

- a. Diversion into Southern Lake Maurepas sponsored by the EPA.
- b. Plaquemines Barrier Shoreline sponsored by NMFS
- c. River Diversion (15,000 cfs) Between Triumph and Venice sponsored by the COE.
- d. Sediment Trap South of Venice sponsored by COE.
- e. Holly Beach/Constance Beach Restoration sponsored by NRCS/DNR
- f. Central and Eastern Terrebonne Basin Freshwater Delivery sponsored by USFWS.

Mr. Forrest Davis reported on the Holly Beach project. The existing breakwater has gaps that are too big, are too low to the surface, and too far out from shoreline. There are resulting issues of over wash across Highway 82. Mr. Randy Hanchey states that DNR will ask for construction money for the project in July. Dr. Len Bahr expressed his support for the project. Mr. Dave Fruge asked if highway funds were available. Mr. Rodney Gilbeau expressed his optimism that the project would move forward.

E. Status of projects scheduled to request Phase 2 Funding in July 2001 (Podany)

Mr. Tom Podany reported the status of the following projects that anticipate requests for Phase 2 Funding in July:

- a. Baratavia Basin Landbridge Phase 3.
 - b. Opportunistic Use of Bonnet Carre Spillway
- He added Holly Beach.

F. Status Report On 11th Priority Project List Development (Saia)

Mr. John Saia briefed the Task Force on the efforts taken to develop a list of projects for the 11th Priority Project List. Restoration strategies were prioritized in each of the four regions and the public and the Breaux Act agencies nominated projects in each of the nine hydrologic basins.

G. Discussion on the Feasibility of Using Ship Shoal Sand For Barrier Island Restoration (McQuiddy)

Mr. Wes McQuiddy reported recommendations and proposals of the Technical Committee regarding the feasibility of using Ship Shoal sand for barrier island restoration. (See enclosure 3)

H. Status of the Review of Breaux Act Committee Structures (Podany)

Mr. Thomas Podany reported on the efforts of the review team to improve Breaux Act business processes. The team is comprised of Gerry Duszynski, DNR; Cynthia Duet, Office of the Governor; and Tom Podany, COE. Colonel Julich urged continuing discussion at the next Task Force meeting. Mr. James Burgess would like to see a publicly understandable document detailing CWPPRA processes. (See enclosure 4)

I. Discussion of a Coastwide Vertical Control Network (Broussard)

Mr. Garrett Broussard presented a report on the development of the Louisiana Coastal Zone Global Positioning System Network. (See enclosure 5)

J. Discussion On Outreach Report (Wilson)

Mr. Scott Wilson made two recommendations for the Task Force to consider:

1. That Ms. Gabrielle Bodin assume the role as acting outreach coordinator until a Federal replacement is hired.
2. That NMFS' offer to hire and allocate half the funding for a full-time GS-9 or GS-11 person to be dedicated as a full-time CWPPRA Outreach Coordinator be approved.

Mr. Wilson presented Mr. Jay Gamble a framed photo in appreciation of his efforts as outreach coordinator.

V. ADDITIONAL AGENDA ITEMS

Dr. Len Bahr asked the Task Force to consider cost sharing in the Atchafalaya Reef (Jetty) project.

Mr. James Burgess wants a Task Force discussion of the state use of funds through NOAA.

Mr. Dave Fruge wants a record of the Task Force action items.

VI. PUBLIC COMMENTS

Mr. Harley Winer stated his support for the Holley Beach project.

Dr. Bill Good expressed the concern of Mr. Ken Ragus for an oyster relocation program.

Mr. Woody Gagliano expressed his concern for the breakdown between the landowner and the Federal sponsor on the LaBranche project. He stated that the landowners need to be more involved.

Mr. Rodney Gilbeau thanked everyone and expressed his support for the Holley Beach project.

Mr. David Richard, who represented the Landowner's Association, also, commented on how landowners need to be involved on CWPPRA projects.

**COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION ACT
TASK FORCE MEETING
AGENDA**

**U.S. Army Corps of Engineers, New Orleans District
District Assembly Room
New Orleans, Louisiana**

**April 12, 2001
9:30 a.m.**

TAB

- I. Meeting Initiation (Colonel Julich) 9:30 a.m. to 9:35 a.m.
 - a. Introduction of Task Force Members or Alternates
 - b. Opening Remarks by Task Force Members

- II. Adoption of Minutes from the January 10, 2001, Meeting 9:35 a.m. to 9:40 a.m.D

- III. Status of Funds and Projects in the Breaux Act Program (Podany) 9:40 a.m. to 9:55 a.m.E

- IV. Construction Approvals (Saia) 9:55 a.m. to 10:00 a.m.
 - a. Cheniere au Tigre Demonstration Project
 - b. Dustpan-Cutterhead Demonstration Project..... F

- V. Approvals of Project Cost Increases (Saia) 10:00 a.m. to 10:10 a.m.
 - a. Lake Salvador Shoreline Stabilization Demonstration Project- \$300,000 increase
 - b. Caernarvon Outfall Management- \$440,000 increase..... G

- VI. Status of Complex Project Studies (Podany) 10:10 a.m. to 10:25 a.m. H

- VII. Status of Projects Scheduled to Request Phase 2 Funding in July 2001
(Podany) 10:25 a.m. to 10:40 a.m. I

- VIII. Status of Bayou Lafourche Siphon Project (Becker) 10:40 a.m. to 10:55 a.m.....J

- IX. Status Report on 11th Priority Project List Development (Saia) 10:55 p.m. to 11:05 p.m. K

- X. Discussion on the Feasibility of Using Ship Shoal Sand for Barrier Island Restoration
(McQuiddy) 11:05 a.m. to 11:35 a.m. L

- XI. Status of the Review of CWPPRA Committee Structures
(Podany) 11:35 p.m. to 11:50 p.m. M

- XII. Discussion of a Coastwide Vertical Control Network (G. Broussard) 11:50 a.m. to 12:10 a.m. N

- XIII. Outreach Report (Wilson) 12:10 p.m. to 12:20 p.m. O

- XIV. Additional Agenda Items 12:20 p.m. to 12:30 p.m. P

- XV. Request for Public Comments 12:30 p.m. to 12:40 p.m..... Q

- XVI. Date and Location of the Next Task Force Meeting 12:40 p.m. to 12:45 p.m.....R

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ATTENDANCE RECORD

DATE (S)	SPONSORING ORGANIZATION	LOCATION
12 Apr 2001	U.S. Army Corps of Engineers, N.O.	District Assembly Room
PURPOSE		
CWPPRA TASK FORCE MEETING		
PARTICIPANT REGISTER*		
NAME	JOB TITLE, ORGANIZATION AND E-MAIL ADDRESS	TELEPHONE #
Bill Monteleone	SCLS	713-760-9079
David Monteleone		504-837-5654
Brian Kendrick	MPH	504-879-2731
Kenneth Visser	LSU comuss@lsu.edu	225-578-6377
Matthew B. Sevier	MPH / BTEF	(504) 879-2731
Tom Bingham	Plant Mgr. Valentine Paper	985-532-3315
SKIP HARRIS	ENVIRONMENTAL	" "
POD GUIN BEAUX	ODD 7 Cameron CRCL	337-569-215
POD EMMER	FEMA fema@inc.state.la.us	225 342-2532
AP Chaisson J.	Bayou Lab. Fresh Water Dist.	985 442-7155
Alvin Hebert	Chairman	↓
David Richard	Stream Co.	337-433-1055
Randy Moertle	CEI	(985) 532-8036
CRIL ZORIST	NOAA FISHERIES SERVICE	301-713-0174
Brendy C. [unclear]	EPA - Baton Rouge 225	389-0737

*If you wish to be furnished a copy of the attendance record please indicate so next to your name.

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ATTENDANCE RECORD

DATE (S)	SPONSORING ORGANIZATION	LOCATION
12 Apr 2001	U.S. Army Corps of Engineers, N.O.	District Assembly Room
PURPOSE		
CWPPRA TASK FORCE MEETING		
PARTICIPANT REGISTER*		
NAME	JOB TITLE, ORGANIZATION AND E-MAIL ADDRESS	TELEPHONE #
Jannyl Clark	Fish & Wildlife Btygt - USFWS	337-291-314
Aaron Base	CEA Sus.	225-292-900
Dirk Rorrios	Gen. Mgr., Laf. Par. Water Dist #1	(504) 532-6924
Jared Attendant	Chemist, Lafourche Parish Water Dist #1	(504) 532-6924
David Payne	DOI - Fish & Wildl. Serv.	337/291-3100
James Boyer	DOC - Fisheries	361/713-0174
James Milles	CZM Terrebonne Parish	505-580-8145
Phil Pittman	DIR/AD DNR, STATE, LA, US Medicine Prog Mgr	(225) 342-0981
Forrest Rags	DIR/CD Forrest d DNR, S. BE. LA, US	(225) 342-2401
Charlitta Kauligh	The Chamber of Lafourche	985-693-6470
Bessie Melancon	The Chamber of Lafourche	985-693-6400
Kami Kemp	Gov Office, LSU	225-342-3968
Jan Behr	Gov's Office	
Allen Boldt	NRCS	504-589-3586
Bill Good	DNR	225-342-7308

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12 Apr 2001	U.S. Army Corps of Engineers, N.O.	District Assembly Room
PURPOSE		
CWPPRA TASK FORCE MEETING		
PARTICIPANT REGISTER*		
NAME	JOB TITLE, ORGANIZATION AND E-MAIL ADDRESS	TELEPHONE #
HARLEY WINER	CEMUN-ED-HC	862-2454
TOM JOHNSON	PM - CH2M HILL TJOHNSON@CH2M.COM	593-9421
RANDY HANCOCK	DNR	342-3583
CLIFF MUGNIER	PROFESSOR - LSU Consulting Faculty - Corps of Engineers	(225) 598-8536 (504) 862-1054
GERRY DUSZYNSKI	DNR/OCRM	225-342-7267
Martin Concaine	Cong. Billy Tauzin	225-621-8190
Jake Terranova	COE, ED-SP	504-862-2709
Allan Emswiger	Wetlands + Wildlife Mng. CO.	337-462-0762
ONEIL MALBROUGH	Jefferson Pk / CEEC	509-397-2100
Louisa Pitre	State Rep. Dist 54	504-632- XXXX ²⁰⁰¹
MARK DAVIS	CRCL	
Vicky CARIDAS	Plaquemines Parish Gov't	392 6690 X1903
Kerry SHIFF	BTNEP	1-602-259- 0809
Jay Gamble	USACE	862-2786
Jay Browning	COE	862-2755

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12 Apr 2001	U.S. Army Corps of Engineers, N.O.	District Assembly Room
PURPOSE		
CWPPRA TASK FORCE MEETING		
PARTICIPANT REGISTER*		
NAME	JOB TITLE, ORGANIZATION AND E-MAIL ADDRESS	TELEPHONE #
<i>Jeanine Peckham</i>	EPA <i>peckham.jeanine@epa.gov</i>	225-389-0736
CHRIS KNOTTS	DNR/CRD <i>chrisk@dnr.state.la.us</i>	225 342 6871
CHRIS WILLIAMS	DNR/CRD <i>CHRISW@dnr.state.la.us</i>	225 342 7549
Mitch Andrus	DNR/CRD <i>mitchella@dnr.state.la.us</i>	225 342-9419
Katrina A Gaudet	CALY COMET/Reporter <i>Katrina.gaudet@times.com</i>	985-448-7614
Quin Kieler	NRCS	225-382-2047
SKIP HALLER	Sgtt Wadson Land Co	228-863-1612
RALPH LIBERAT	LDNR/CRD	337 843-3645
Bill Hinks	COE	804 862-2426
Ronald H. Ulf	Steinle Assoc	504-831-2574
Deeuse Reed	UNOC	280 7395
GRACE BRANDY	DNR/CRD	342.642
Bruce Lehto	USDA/NRCS	818 473-7756
Don Gohmert	USDA NRCS	(318) 473-7751
Britt Paul	NRCS	318-473-7811

* If you wish to be furnished a copy of the attendance record please indicate so next to your name.

ATTENDANCE RECORD

DATE (S)	SPONSORING ORGANIZATION	LOCATION
12 Apr 2001	U.S. Army Corps of Engineers, N.O.	District Assembly Room
PURPOSE		
CWPRA TASK FORCE MEETING		
PARTICIPANT REGISTER*		
NAME	JOB TITLE, ORGANIZATION AND E-MAIL ADDRESS	TELEPHONE #
Mark Schexnayder	Marine Advisor, LSU Sea Grant <small>mschexnayder@ngctr.lsu.edu</small>	504 349 5614
Linda Calvert	Director, Mayor's Ofc. Environ. Affairs <small>1302 Pontchartr lindac@new-orleans.la.us</small>	504-862-0833
S.M. Sogliano	Coastal Environments Inc <small>smg@slano@coastalenv.com</small>	225-383-7455
<i>[Signature]</i>	L.DNR	225-342-1377
Cheryl Quirk	L.DNR	225-342-1690
LLOYD BRESLAY	ENVIRO SOLUTIONS INC	504 847 9726
Doug Daigle	Miss. River Basin Alliance	504 885 588-9008
Wes McQuiddy	EPA	214-665-6722
Scott Wilson	USGS	337 266 9644
Greg Miller	USACE	504 562 2310

* If you wish to be furnished a copy of the attendance record please indicate so next to your name.

Ship Shoal Team Proposed Clarification of Technical Committee Recommendation

The CWPPRA Task Force, at their January 10, 2001 meeting, directed that a meeting should be convened to discuss opportunities for the use of Ship Shoal sand in regard to coastal restoration projects being considered under CWPPRA and the Louisiana Coastal Authority - Coast 2050 Feasibility Study for Barataria Basin. Subsequently, the Ship Shoal Team met on two occasions, February 1, and March 20, 2001.

The CWPPRA Technical Committee met on February 8, 2001, and approved a Ship Shoal recommendation, based partly on discussions from the February 1, 2001, Ship Shoal Team meeting. The recommendation is to be presented to the Task Force at their April 12, 2001, meeting and states that CWPPRA should pursue the utilization of Ship Shoal sand for barrier island/shoreline restoration by; (1) meeting with the dredging industry to consider innovative technologies, (2) considering a Ship Shoal project for PPL11 to test construction, (3) investigating a range of projects that would provide more information on how cost changes with project size, location and technology, and (4) pursuing use of the dredge Wheeler for a demonstration project.

Based on discussions from the March 20, 2001, Ship Shoal Team meeting, the Team proposes that Item #2 of the Technical Committee recommendation be clarified to state that a Ship Shoal project for PPL11 should include the investigation of alternatives involving the closure of Whiskey Pass and restoration of the West Flank of Whiskey Island, considering the originally nominated EPA project titled "Ship Shoal/Whiskey Island (Whiskey Pass Closure and West Flank Extension)." Also, with regard to Item #1, the recommended meeting with the dredging industry should include a "market survey" type discussion to begin cost determinations in regard to utilizing Ship Shoal as a sand source for barrier island/shoreline restoration projects. Last, Item #4 should be clarified by stating that the Wheeler demo be considered with: (1) disposal either west or east of the Belle Pass jetties, and (2) development of restoration based technologies rather than navigation based.

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23 March 01

Subject: Review of Breaux Act Committee Structures

A. Purposes.

1. To reduce the number of Breaux Act meetings and committees.
2. To reduce the number of times agencies vote on the same topic.
3. To empower agencies to work together more as a team and less as a committee.
4. To review, clarify, update, and improve the functions of committees and teams
5. To produce a more efficient business process
6. To empower team leaders to lead their respective teams.
7. To increase agency accountability.

B. Background.

At last year's offsite discussion, the Task Force identified the need to review the Breaux Act committee structures to improve Breaux Act business processes. These concerns have been summarized in the purpose statement above. The Task Force will hold a discussion of the status of this effort at its 12 April 01 meeting.

C. Status.

A small team comprised of Gerry Duszynski, DNR; Cynthia Duet, Office of the Governor; and Tom Podany, COE, met to develop draft goal statements and a scope of work for the review. Before formally proceeding with the effort, the team will obtain the full concurrence and approval of the Task Force. The preliminary scope involved:

1. The production of a matrix that would identify the function of each Breaux Act committee and work group.
2. The design of a questionnaire that will be circulated within the Breaux Act group to collect ideas on needed committee and work group improvements.
3. The development of a draft request for proposal to conduct an independent review of the Breaux Act business processes by a qualified consultant.
4. The development of an analysis of options to improve committee structures and processes for review by the Technical Committee.

The team is circulating a copy of the draft matrix that includes examples of committee restructuring. These examples are meant only to illustrate the issues discussed at the team level and to demonstrate the team's interpretation of the type of changes that the Task Force wishes to consider. In May, the team will circulate information on the draft questionnaire (Item C.2.) and the draft request for proposal (Item C. 3.) for the Technical Committee's review. Based on this review, the Technical Committee will prepare a recommendation at its June meeting to the Task Force on how to proceed.

D. Additional Information.

The agencies have taken some steps already to address the concerns described in paragraph A. above:

- The Planning and Evaluation Subcommittee has reduced the number of its meetings by combining them with the Technical Committee meetings.
- The Regional Planning Team has developed a team approach for conducting the 11th Priority Project List that has greatly clarified who is leading that process and eliminated the confusion of the multiple basin subcommittees that were used last year for the 10th list. They have reduced the amount of voting by achieving consensus more often.
- The Technical Committee addressed business items in connection with a PPL 11 meeting in Feb that eliminated the need for a meeting in Mar.
- Instead of meeting, the Atchafalaya Liaison Group identified that information exchange by email was sufficient.

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EXECUTIVE SUMMARY FOR LOUISIANA COASTAL ZONE GPS NETWORK

The Louisiana Coastal Zone Global Positioning System (GPS) Network is a system of stationary points set throughout the coastal wetlands in an effort to develop a single network of vertical/horizontal control points that are relative to each other.

The total GPS network will eventually consist of a Primary network and a Secondary network. The area included in the GPS network has a general border of Interstate 10 on the North, the Gulf of Mexico to the South, the Texas State Line to the West and the Mississippi State Line to the East. The Primary Network consists of 49 permanently fixed monuments situated throughout the southern portion of the state. Each Primary network point represents a permanent monument constructed to National Geodetic Survey (NGS) requirements. The Secondary Network also consists of permanent monuments set to NGS standards. Each secondary monument will be developed with the primary GPS network as its origin. The secondary monuments will eventually constitute a network of permanent monuments which produce a five mile grid across the entire coastal zone of the state.

The Louisiana Department of Natural Resources determined the need for a statewide network, shortly after the completion of the first Coastal Restoration projects. At that time, GPS surveying was still in the developing stages and conventional methods of leveling for vertical control was cost prohibitive if not impossible. As time progressed, the necessity of such a network was apparent due to the lack of reliable existing vertical data, and/or conflicting data sources which was confusing at best and prohibitive to the development of many restoration projects.

Two years ago LDNR began working with John Chance and Associates, a world renowned surveying company, towards the development of the Louisiana Coastal Zone GPS Network. The Network was accomplished using state of the art surveying equipment. Principals of the NGS, at State and National levels were consulted throughout the development and installation process and are in full support of the Louisiana Coastal Zone GPS network. All efforts were made to ensure quality control for the best possible results using the most current technology available.

The advent of the Primary and Secondary networks will allow LDNR, all CWPPRA agencies and any other users to compare vertical control data across

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South Louisiana with confidence. This will enhance all aspects of the wetland program. The Planning and Design phase will have accurate information in order to determine proper methods/designs, the Construction phase will be able to accurately set water control structures relative to surrounding marsh elevation, the Operations and Maintenance phases will be carried out in a more efficient manor, and Monitoring of all projects will be improved with data sets that are consistent throughout all phases of the project and will generate data sets that are vertically relative to other basins for comparative analysis.

Future uses and benefits of the Louisiana Coastal Zone GPS Network are already being discussed by various agencies, such as the National Oceanic Atmospheric Administration (NOAA) who are proposing the development of the Continuously Operating Reference Stations (CORS) network. The CORS network is another system of vertical/horizontal control which utilizes GPS procedures. The CORS stations will work in unison with the GPS network making it more user friendly and less expensive to access the Louisiana Coastal Zone GPS network. Another program that NOAA is planning involves development of a comprehensive subsidence measurement program within Louisiana's coastal zone. The subsidence program will again work in unison with the already existing Louisiana Coastal Zone GPS Network.

The Louisiana Department of Natural Resources is looking forward to working together with all agencies and users toward the future development of similar programs and also the continued development of the Louisiana Coastal Zone Primary and Secondary GPS Network.

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