

**MINUTES OF THE  
SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY – EAST  
BOARD MEETING  
FRIDAY, JUNE 14, 2013**

The regular monthly Board Meeting of the Southeast Louisiana Flood Protection Authority - East (Authority or SLFPA-E) was held on Friday, June 14, 2013, in the St. Bernard Parish Council Chambers, St. Bernard Parish Government Complex, 8201 West Judge Perez Drive, Chalmette, Louisiana, after due legal notice of the meeting was sent to each Board member and the news media and posted.

Mr. Doody called the meeting to order at 9:40 a.m. and led in the pledge of allegiance.

**PRESENT:**

Timothy P. Doody, President  
John M. Barry, Vice President  
Louis E. Wittie, Secretary  
Stephen Estopinal, Treasurer  
G. Paul Kemp  
Richard A. Luetlich, Jr.  
Ricardo S. Pineda  
Wilton P. Tilly, III

**ABSENT:**

David P. Barnes, Jr.

**OPENING COMMENTS:**

Mr. Doody advised that Col. Richard L. Hansen has taken over the command of the U.S. Army Corps of Engineers (USACE) New Orleans District from Col. Edward R. Fleming. The USACE is holding a groundbreaking ceremony this morning for the construction of the Permanent Canal Closures and Pumps for the outfall canals.

Mr. Doody reported that he and Robert Turner, SLFPA-E Regional Director, participated in about six interviews and/or site visits since the last Board meeting. Mr. Doody, Mr. Turner and Nick Cali, Lake Borgne Basin Levee District Executive Director, met with St. Bernard Parish President David Peralta and Councilman-at-Large Guy McInnis regarding operating procedures for the Hurricane and Storm Damage Risk Reduction System (HSDRRS) with particular emphasis on the navigation gates in St. Bernard Parish. President Peralta was pleased to receive the text alerts on the navigation gate operations and offered to place a link to sign up for the alerts on the St. Bernard Parish website. The SLFPA-E is encouraging people to sign up for the text alerts, which are available by individual structure located at Bayou Dupre, Bayou Bienvenue and Carnarvon. Particular interest was expressed in a twelve hour window/notice in advance of a tropical event in order to afford fishermen time to bring their boats to safe harbor. The trigger points for operating the gate structures at Bayou Dupre, Bayou Bienvenue and the Caernarvon Canal were explained. The SLFPA-E agreed to provide

regular notices and did not see a problem with the twelve hour advance notice. President Peralta and Councilman McInnis agreed that a twelve hour notice was sufficient for the commercial fishermen.

Mr. Doody advised that he met with Col. Hansen and that the Levee System Evaluation Report (LSER) for the certification of the HSDRRS is on track to be signed later this month. There are some minor issues, but no major areas of concern.

Mr. Doody reported that the turnover of the HSDRRS is being evaluated. It is unlikely that the IHNC Surge Barrier will be turned over until near the end or after hurricane season. He commented on the difficulty in operating the Barge Gate.

Mr. Doody advised that additional evaluation of the overtopping rates throughout the system has taken place and that the USACE has changed its thinking about how much of the system will now be armored. In the first iteration about 80 miles of levee and floodwalls would have been armored. In the last iteration this number was down to about 20 miles. Now, in broad terms, about 60 miles of levee and floodwalls are expected to be armored. Col. Hansen or a representative of the USACE Hydraulics and Hydrology Division will provide a briefing on the latest findings on armoring the system at the next Board meeting. Mr. Doody noted that he requested that the SLFPA-E be afforded an opportunity to review the work done by the USACE prior to a final decision by the USACE. Additional assistance will be required for the SLFPA-E's evaluation.

Mr. Doody announced that Robert Garner is now officially the SLFPA-E Chief of Police.

Mr. Doody advised that he will meet with Robert Lupo, President of the Non-Flood Protection Assets Management Authority (NFPAMA), concerning the NFPAMA's request for additional funding. Financial information will be requested from the NFPAMA in order to evaluate the request. The NFPAMA is hoping that the SLFPA-E will make it whole until the .6 mill ad valorem tax become effective in 2016.

Mr. Doody commented that a panel discussion will be held in the St. Bernard Parish Council Chambers at the request of the Coastal Protection and Restoration Authority (CPRA) on the topic of diversions. Mr. Barry has been requested to participate in the panel discussion.

#### **ADOPTION OF AGENDA:**

A motion was offered by Mr. Wittie, seconded by Mr. Barry and unanimously approved, to adopt the agenda.

#### **RESOLUTION NO. 06-14-13-01 – APPROVAL OF MAY 16, 2013 BOARD MEETING MINUTES**

On the motion of Mr. Estopinal,  
Seconded by Mr. Luettich, the following resolution was offered:

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority-East approves the minutes of the Board Meeting held on May 16, 2013.

The foregoing was submitted to a vote, the vote thereon was as follows:

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,  
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

**NOMINATION AND ELECTION OF OFFICERS FOR ONE YEAR TERM EFFECTIVE  
JULY 1, 2013**

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The floor was opened for nominations for the office of President. Mr. Pineda offered and Mr. Estopinal seconded the nomination of Timothy Doody. There were no further nominations. The Board voted unanimously to elect Mr. Doody to the office of President.

The floor was opened for nominations for the office of Vice President. Mr. Wittie offered and Mr. Luettich seconded the nomination of John Barry. There were no further nominations. The Board voted unanimously to elect Mr. Barry to the office of Vice President.

The floor was opened for nominations for the office of Secretary. Mr. Estopinal offered and Mr. Barry seconded the nomination of Louis Wittie. There were no further nominations. The Board voted unanimously to elect Mr. Wittie to the office of Secretary.

The floor was opened for nominations for the office of Treasurer. Mr. Barry offered and Mr. Wittie seconded the nomination of Stephen Estopinal. There were no further nominations. The Board voted unanimously to elect Mr. Estopinal to the office of Treasurer.

**RESOLUTION NO. 06-14-13-02 - ELECTION OF OFFICERS**

“A resolution stating the results of the election of Officers of the Southeast Louisiana Flood Protection Authority-East for a term of one year commencing July 1, 2013.”

**WHEREAS**, the Board adopted revised Bylaws at a Regular Board Meeting held on December 17, 2009, which provide in part for the designation and election of Officers of the Board; and

**WHEREAS**, Article IV, Section 1 (Officers and Elections), designates the officers as President, Vice President, Secretary and Treasurer to be elected from among the members of the Board at the regularly scheduled June meeting; and

**WHEREAS**, Article IV, Section 1 further provides that officers shall assume their duties on July 1<sup>st</sup>; and

**WHEREAS**, Article IV, Section 2, provides that officers shall be elected to serve one year terms.

**BE IT HEREBY RESOLVED**, that, in accordance with elections held this date, the Officers of the Southeast Louisiana Flood Control Authority-East shall be as follows for the term commencing July 1, 2013:

President – Timothy P. Doody  
Vice President – John M. Barry  
Treasurer – Stephen Estopinal  
Secretary – Louis E. Wittie

The foregoing was submitted to a vote, the vote thereon was as follows:

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,  
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

## **PRESENTATIONS:**

### **1. Understanding the Effects of Sediment Diversions - Denise J. Reed, Ph.D., The Water Institute of the Gulf**

Mr. Barry introduced Dr. Denise Reed, one of the leading scientists in the world on coastal issues. Dr. Reed is the Chief Scientist at The Water Institute of the Gulf.

Dr. Reed provided a brief background on The Water Institute of the Gulf (TWIG). TWIG began operations in February, 2012. TWIG is a not-for-profit, independent research institute located in Baton Rouge, LA, dedicated to advancing the understanding of coastal, deltaic, river and water resource systems, both within the Gulf Coast and around the world. TWIG has a board of directors. Its mission supports the practical application of innovative science and engineering, providing solutions that benefit society. TWIG does not build projects. TWIG works on many of the efforts that must be accomplished to support the construction and operation of projects. In addition, TWIG undertakes research that furthers the knowledge base and provides more information.

Dr. Reed discussed deltas and how they work. She explained that ideas about how rivers build land have been understood for decades. Understanding is increasing about river sediments and how sediments are deposited and build land. She discussed the delta cycle during which land is gradually built and then gradually decays. She noted that quite a lot is known about the changes that gradually occur that lead to different kinds of ecological conditions. She discussed the growth and decay cycle and the resulting array of different conditions. The deltas in southeast Louisiana (e.g., Lafourche, Plaquemines and St. Bernard) are in different stages of decay; however, most are currently arrayed around the peak of biological diversity and will be moving into decline. She pointed out that the river does two things in the delta plain: 1) it builds new land, and 2) it helps to maintain existing marshes. She commented on the varying salinity levels of the river and the resulting effects on marsh maintenance.

Dr. Reed stated that the science and the concept of reconnecting the river to the delta plain are not new. She quoted from the 1993 Coastal Wetlands Planning, Protection

and Restoration Act (CWPPRA) Restoration Plan, “The Restoration Plan presented here calls for significant changes in existing management of the lower Mississippi and Atchafalaya rivers to greatly increase *sediment and freshwater* input into coastal estuaries and restart the natural processes of *land building and maintenance*. Specifically, the plan includes such concepts as: (1) a phased abandonment of the existing “bird's foot” delta in favor of a new delta in the shallow waters of an adjacent estuary, possibly Breton Sound, (2) multiple diversions into the Barataria Basin, (3) reactivation of old distributary channels, and (4) seasonal increases in flow down the Atchafalaya River.”

Dr. Reed explained that the 2012 Coastal Master Plan starts to operationalize the concept in terms of projects in a way that previous plans have not in the past. Few of the previous plans actually had detailed projects in the way that the 2012 Master Plan has done so. She addressed the Upper, Middle and Lower Pontchartrain and Bird's Foot Deltas. She pointed out that these areas are not in a static condition and stressed that there is a changing baseline that is going down. She reviewed diagrams with predictions under moderate and less optimistic scenarios. The moderate scenario takes a middle of the road set of assumptions into consideration relative to sea level rise, storms and subsidence. The less optimistic scenario takes into consideration a higher sea level rise rate and more storms, but is not a worst case scenario on an issue such as sea level rise. She noted that the decline is greatest in the Mid-Pontchartrain area.

Dr. Reed discussed the two functions (building and maintaining) of the diversions proposed in the 2012 Master Plan. There are two techniques in the plan that can build land; however, only one (diversions) can maintain the land. Sediment is needed to help maintain land in the marshes.

Dr. Reed addressed habitat concerns and used the example of the brown shrimp habitat. Diagrams were reviewed of predictions for the brown shrimp habitat under the moderate and less optimistic scenarios for the coast with and without the plan.

Dr. Reed discussed the opportunity to build land in the system and in the Mid-Pontchartrain area. Diversions are a piece of the plan and have a very specific role in helping with the maintenance issue. Diversions not only build land locally, but spread out and save a lot of adjacent land that otherwise would fall apart. The net effect of a diversion in building and maintaining land is very effective under the conditions of higher sea level rise and subsidence because it helps to hang on to existing marshes.

Dr. Reed summarized, as follows:

- Studies over decades of river sediment as land builder and land maintainer
- Plans over decades have pointed to the essential role of reconnecting the river with the Delta Plain
- There are changes whatever we do
  - At the system scale important habitats remain substantial
  - Pontchartrain should remain productive
- Land that is sustained over a large area (not just in a limited footprint) is the key

Dr. Reed added that more detailed calculations are being done about specific locations for diversions and how the sediment will move and distribute through the system. She commented on the issue of scale and the movement of sediment. She discussed the difficulty in maintaining created marshes without utilizing the natural processes. She noted that land loss rates in the twentieth century are much greater than historically when the natural processes were in operation. One of the reasons that Louisiana had such a rich ecosystem was that it had deltas in different stages of the delta cycle; however, at this time everything is pretty much in decline. Therefore, the building cycle should be started in places elsewhere in order to achieve a mix across the coast. She stressed that the system scale must be considered. A rich mix makes the system work.

Mr. Doody commented that if nothing is done, then the increasing depth of the water due to sea level rise is a threat to flood protection. Dr. Reed added that a lesson learned from Hurricane Katrina is that where you build the land matters.

### **PUBLIC COMMENTS:**

None.

### **COMMITTEE REPORTS:**

**Finance Committee:** Mr. Estopinal reported that the Finance Committee met on June 6<sup>th</sup>. All of the items discussed by the Committee have been on the Board agenda for discussion and/or approval with the exception of the amendment of the Orleans Levee District FY 2013 Budget, which was found not to be warranted.

**Operations Committee:** Mr. Wittie reported that the Operations Committee met on June 6<sup>th</sup> and considered the following items:

- Mississippi River bank stability issue at the Bertucci Facility (Bertucci) in East Jefferson – Don Rawson, USACE Channel Improvement Project Manager, provided information on this issue to the Committee. A bank stability analysis was done in 2010. Bertucci has operated at this location since 1958 and over the years added five to eight feet of fill on top of the batture. Bertucci only had a permit for barge fleeting. Bertucci applied to the USACE for a permit to rectify the bank situation and started removing the overburden. If the work is not completed by September, 2013, the USACE will complete it when it does revetment work. Robert Lacour, SLFPA-E General Counsel, suggested that levee district permits include a requirement that an additional permit must be obtained to add fill or modify batture elevations.
- Erosion at Harrison and Filmore Ave. Bridges and potential fix to allow safe access for O.L.D. personnel through floodgates OCE-1 - OCE-4 – Derek Dice, President of Submar, Inc., was invited to discuss erosion control methods. The estimated cost of the options recommended by Submar to control erosion at the subject locations was \$84,000. Mr. Turner advised the Committee that the SLFPA-E has been working with the USACE for the past six to eight months on the outfall canal erosion issue. The USACE is in the processing of determining critical areas and will provide information to the SLFPA-E shortly.

- Issuance of a task order to URS Corp. for the IHNC Florida Avenue Bridge Erosion Protection Design – Sheetpile in this area has become exposed due to settlement. Cost estimates are \$122,000 for engineering and \$400,000 for construction. The Committee recommended the approval of the Task Order.
- Dredging of IHNC Surge Barrier access channels –Harold Daigle with the CPRA Operations Division brought the issue of dredging the access channels along either side of the IHNC Surge Barrier to the attention of the Committee. The channels are to be maintained at a level of minus 15-ft. in order to prevent stability problems. The dredging of these channels must be addressed in the Operations and Maintenance (O&M) Manual for the Surge Barrier.
- The levee district Executive Directors provided their monthly status reports.

Mr. Pineda advised the Board that he and Mr. Luettich went on a site visit after the last Board meeting with Felton Suthon, O.L.D. Engineer, to the outfall canals to view the erosion problem. He stated that there is noticeable erosion, especially downstream of the bridges. He concurred that something needs to be done in order to have safe access for inspection. In addition, long term solutions are needed to arrest the erosion. He commented that if the USACE does not address this issue, then the SLFPA-E will need to do so. Mr. Wittie pointed out that the erosion may partly be due to New Orleans Sewerage and Water Board pumping operations and that the bridges are owned by the City of New Orleans. Therefore, the fix may need to be cost shared. Mr. Barry expressed his thanks to Mrs. Carol Byram for reminding the Board about this issue.

Stevan Spencer, SLFPA-E Regional Chief Engineer, noted that Mr. Wittie went on a site visit earlier this morning to the IHNC Surge Barrier and watched the opening and closing of the Barge Gate.

**Legal Committee:** The Legal Committee did not meet during the month of June.

**CPRA/Governmental Affairs:** Mr. Barry advised that the CPRA Board will meet next week. He commented that the SLFPA-E is awaiting the final version of a resolution from the CPRA on the 17<sup>th</sup> Street Canal issue. He reported that the House is moving on a Water Resources Development Act (WRDA). Since there is bi-partisan activity, there will probably be a WRDA bill. In generalities, there will be policy reforms to try to speed USACE projects; however, there are differences between the way the House and Senate view this issue. There will be attempts to give more power to local sponsors. There is a reluctance to authorize projects that have no possibility or likelihood of being funded. It is unclear about what is going on in the House concerning issues of concern to the SLFPA-E; however, this legislation will be monitored.

**Coastal Advisory Committee:** The Coastal Advisory Committee did not meet during the month of June. Mr. Kemp advised that Committee members have been digesting the report produced by Bob Jacobsen. He reported that there is a potential compromise on the permit request related to Mardi Gras Pass in the Bohemia Spillway and that a bridge will be constructed over the pass. The SLFPA-E will participate in the cost of the bridge construction. The estimated cost of the SLFPA-E's portion is \$350,000.

## **REGIONAL DIRECTOR'S REPORT:**

Mr. Turner reviewed the highlights of the Regional Director's Report (copy appended to the minutes). He commented on the following issues:

- IHNC Barge Gate – Work is still on-going on the Barge Gate. Next week the SLFPA-E will be allowed to operate the gate through a complete cycle. The team assigned to the operation of the gate is lodged within the Orleans Levee District (O.L.D.). The O.L.D. team received training on the operation of all of the marine structures. The SLFPA-E is still awaiting the O&M Manuals. SLFPA-E staff will communicate with the USACE to obtain better specifics on how to close the gate should the normal method fail. The current draft O&M Manual requires that the velocities be less than one-foot per second in the channel to close the Barge Gate. There is also a limitation on the wind and the combination of current and wind. The current can be controlled to some extent by closing the Seabrook Complex gate and allowing the water to equalize. There could be a potential problem if a storm develops close to the coast and moves inland quickly. Typically, the Barge Gate should be closed 96 hours in advance of a storm since there are ancillary actions that must be accomplished prior to closing the gate. Divers must inspect the sill and remove any debris discovered. The SLFPA-E requested that the USACE allow the Barge Gate to be kept closed during hurricane season and be used as a bypass channel as originally intended.
- Use of the Central Wetlands as additional storage – The SLFPA-E is anticipating adding an analysis to an on-going compartmentalization study on the use of the Central Wetlands for storage to reduce the risk throughout the IHNC corridor. The SLFPA-E has not been successful in its attempts to have the USACE look into this issue. Mr. Doody added that language is needed to request Congress to authorize the USACE to do a specific study of the entire system and treat it as a single system. Mr. Turner noted that an item has been placed on the Board agenda for a Grant application to fund a risk analysis of the system. One of the issues to be considered in the analysis is the operational parameters.
- Armoring – The SLFPA-E is negotiating a task order with a current ID-IQ contract consultant for assistance with the review of the data received from the USACE (Levee Armoring Research and Recommendation Report, June 2013).
- USCG IHNC/GIWW Corridor Inspection – The first inspection was conducted on May 29, 2013. There is a significantly larger number of pleasure craft moored at the marinas in this corridor. Mr. Doody pointed out that a future meeting will be scheduled with the Port of New Orleans. Discussions are continuing with a tug boat operator that the SLFPA-E hopes to have on standby for assistance in this corridor during hurricane season.

## **EXECUTIVE SESSION:**

1. Discussion of future litigation strategy.

A motion was offered by Mr. Barry, seconded by Mr. Wittie and unanimously adopted, for the Board to convene in Executive Session to discuss the item listed on the agenda. The Board convened in Executive Session at 11:52 a.m.

A motion was offered by Mr. Estopinal, seconded by Mr. Luettich and unanimously adopted, for the Board to reconvene in regular session. The Board reconvened in regular session at 1:35 p.m.

**RESOLUTION NO. 06-14-13-03 – O.L.D. SAFE HOUSE**

On the motion of Mr. Barry,  
Seconded by Mr. Wittie, the following resolution was offered:

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority-East authorizes the President to declare an emergency regarding the Orleans Levee District safe house if it is determined that there is a structural deficiency in the construction of the safe house.

The foregoing was submitted to a vote, the vote thereon was as follows:

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,  
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

**RESOLUTION NO. 06-06-13-04 –  
ENGAGEMENT OF JONES, SWANSON, HUDDALL & GARRISON, LLC**

On the motion of Mr. Barry,  
Seconded by Mr. Luettich, the following resolution was offered:

**WHEREAS**, the levee districts within jurisdiction of the Southeast Louisiana Flood Protection Authority-East (SLFPA-E) have experienced damages due to land loss and erosion caused by third parties; and

**WHEREAS**, retaining counsel to represent SLFPA-E in this matter will require a law firm with special expertise and experience.

**BE IT HEREBY RESOLVED**, that the SLFPA-E authorizes its President or Vice President to engage Jones, Swanson, Huddell & Garrison, LLC, on behalf of itself and the levee districts within its jurisdictions, regarding claims for damages due to land loss and erosion, for the benefit of and on behalf of the residents within its jurisdiction.

**BE IT FURTHER RESOLVED**, that Jones, Swanson, Huddell & Garrison, LLC, shall be paid on a contingency basis ranging from 32.5 percent to 22.5 percent of any gross recovery depending on the amount of the recovery.

The foregoing was submitted to a vote, the vote thereon was as follows:

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,

Mr. Tilly and Mr. Wittie  
NAYS: None  
ABSENT: Mr. Barnes

**NEW BUSINESS:**

**RESOLUTION NO. 06-14-13-05 - APPROVAL OF LEGAL INVOICES**

On the motion of Mr. Barry,  
Seconded by Mr. Luettich, the following resolution was offered:

**WHEREAS**, the legal invoices submitted to the Southeast Louisiana Flood Protection Authority-East (SLFPA-E), East Jefferson Levee District, Lake Borgne Basin Levee District and Orleans Levee District listed on the spreadsheet entitled "Legal Invoices Approved on June 14, 2013", have been reviewed and approved by the appropriate levee district Executive Director, the SLFPA-E Regional Director and the SLFPA-E General Counsel, Robert Lacour; and

**WHEREAS**, the aforementioned invoices were submitted to the members of the Legal Committee for review.

**BE IT HEREBY RESOLVED**, that the legal invoices listed on the spreadsheet entitled "Legal Invoices Approved on June 14, 2013" are hereby approved.

The foregoing was submitted to a vote, the vote thereon was as follows:

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,  
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

**RESOLUTION NO. 06-14-13-06 - SELECTION OF OFFICIAL JOURNAL FOR SLFPA-E, E.J.L.D., O.L.D. AND LBBLD**

On the motion of Mr. Estopinal,  
Seconded by Mr. Kemp, the following resolution was offered:

**WHEREAS**, R.S. 43:171 provides that levee districts and other political subdivisions shall have the proceedings of their board and such financial statements required by the legislative auditor published in a newspaper, which shall be selected at the first meeting in June of each year for a term of one year; and

**WHEREAS**, R.S. 43:171 further provides that the newspaper shall meet certain criteria relative to location and publication; and

**WHEREAS**, the Times Picayune meets the aforementioned criteria for the Southeast Louisiana Flood Protection Authority-East, East Jefferson Levee District and Orleans Levee District; and

**WHEREAS**, the St. Bernard Voice meets the aforementioned criteria for the Lake Borgne Basin Levee District.

**BE IT HEREBY RESOLVED**, that the Times Picayune is hereby selected as the Official Journal for publications as required under R.S. 43:171 for the Southeast Louisiana Flood Protection Authority-East, East Jefferson Levee District and Orleans Levee District for a one year term commencing on July 1, 2013.

**BE IT FURTHER RESOLVED**, that the St. Bernard Voice is hereby selected as the Official Journal for publications as required under R.S. 43:171 for the Lake Borgne Basin Levee District for a one year term commencing on July 1, 2013.

**BE IT FURTHER RESOLVED**, that the SLFPA-E President, SLFPA-E Regional Director or appropriate Levee District Executive Director are authorized to sign any and all documents necessary to accomplish the above.

The foregoing was submitted to a vote, the vote thereon was as follows:

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,  
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

#### **RESOLUTION NO. 06-14-13-07 - LOUISIANA COMPLIANCE QUESTIONNAIRES**

On the motion of Mr. Wittie,

Seconded by Mr. Estopinal, the following resolution was offered:

**WHEREAS**, Section 327.08 of the Louisiana Governmental Audit Guide (the Guide) specifies that the Louisiana Compliance Questionnaire is a required part of any audit of Louisiana; and

**WHEREAS**, the Guide further specifies that the responses contained in the questionnaire should be reviewed by the governing body and approved in an open meeting.

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority-East approves the representations made by management in the Louisiana Compliance Questionnaires for the Southeast Louisiana Flood Protection Authority-East (SLFPAE), the Orleans Levee District, the East Jefferson Levee District and the Lake Borgne Basin Levee District for the fiscal year ending June 30, 2013.

**BE IT FURTHER RESOLVED**, that the SLFPA-E President, SLFPA-E Secretary and SLFPA-E Treasurer are authorized to sign the Louisiana Compliance Questionnaires.

The foregoing was submitted to a vote, the vote thereon was as follows:

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,  
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

**RESOLUTION NO. 06-14-13-08 - SLFPA-E FY 2013 BUDGET REVISIONS**

Mr. Turner explained that the primary reason for the budget amendment is that some of the anticipated grant revenues were not received because the funds were not expended. The grant revenues will be moved to the next fiscal year.

On the motion of Mr. Estopinal,  
Seconded by Mr. Wittie, the following resolution was offered:

**WHEREAS**, by Resolution No. 03-15-12-06, the Board approved the General Operating Budget for the Southeast Louisiana Flood Protection Authority-East (SLFPA-E) for Fiscal Year 2013 to provide for required expenditures for personnel services, contractual services, operating supplies, equipment, and other costs; and

**WHEREAS**, when actual results or expectations for income or expenditures change materially, adjustments to the previously approved budget are proposed as amendments for the Board’s approval; and

**WHEREAS**, the SLFPA-E obtained funding in the form of Community Development Block Grants not contemplated when the budget was developed and adopted a cost allocation policy that has a significant financial impact; and

**WHEREAS**, the following summarized adjustments are determined to reflect the currently projected financial results of the SLFPA-E based on the latest revenue and expenditure information:

	<b>Original Budget</b>	<b>Change in Budget</b>	<b>Revised Budget</b>	<b>Pct</b>
<b>Revenues</b>				
SLFPAE	\$1,061,200	(\$61,200)	\$1,000,000	-5.77%
CDBG	470,000	(215,700)	254,300	-48.89%
<b>Total</b>	<b>1,531,200</b>	<b>(276,900)</b>	<b>1,254,300</b>	<b>-18.08%</b>
<b>Expenses</b>				
SLFPAE	(1,050,800)	37,300	(1,013,500)	-3.55%
CDBG	(470,000)	215,700	(254,300)	-45.89%
<b>Total</b>	<b>(1,520,800)</b>	<b>253,000</b>	<b>(1,267,800)</b>	<b>-16.64%</b>
Surplus (Def)	\$10,400	(23,900)	(\$13,500)	-229.81%
Beginning Fund Balance	\$319,680	-0-	\$397,235	-0-
<b>Ending Fund Balance</b>	<b>\$330,080</b>	<b>(23,900)</b>	<b>\$306,180</b>	<b>-7.24%</b>

**BE IT HEREBY RESOLVED**, That the revisions to the Southeast Louisiana Flood Protection Authority-East Fiscal Year 2013 Budget are approved.

The foregoing was submitted to a vote, the vote thereon was as follows:

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,  
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

**RESOLUTION NO. 06-14-13-09 - HSDRRS RISK ASSESSMENT STUDY AND OPERATIONS AND MAINTENANCE PLAN REDEVELOPMENT**

On the motion of Mr. Barry,

Seconded by Mr. Tilly, the following resolution was offered:

“A resolution authorizing the Southeast Louisiana Flood Protection Authority – East to submit an application to the Office of Community Development/Disaster Recovery for funding assistance for a Risk Assessment Study and Operations and Maintenance Plan Redevelopment on the Hurricane and Storm Damage Risk Reduction System in anticipation of receiving responsibility for operations and maintenance of the system in the areas under the Authority’s jurisdiction; providing for necessary documentation of the need for the Risk Assessment Study and Operations and Maintenance Plan Redevelopment, and providing for other matters in connection therewith.”

**WHEREAS**, on November 5, 2008, the State of Louisiana and the Southeast Louisiana Flood Protection Authority – East entered into a Cooperative Endeavor Agreement which assigned responsibility to the Southeast Louisiana Flood Protection Authority – East for operation and maintenance of the portions of the Hurricane and Storm Damage Risk Reduction System in its geographical boundaries; and

**WHEREAS**, since May 2010, more than five years after Hurricane Katrina, the US Army Corps of Engineers has been transferring responsibility for operation and maintenance of components of the Hurricane and Storm Damage Risk Reduction System to the Southeast Louisiana Flood Protection Authority-East; and

**WHEREAS**, the Southeast Louisiana Flood Protection Authority-East has been informed by the US Army Corps of Engineers that it will become responsible for the operations and maintenance of the Seabrook structure and the Caernarvon sector gate during the summer of 2013, the surge barrier gates in the fall of 2013, and the Bayou Dupree structure in the spring of 2014; and

**WHEREAS**, the US Army Corps of Engineers will provide a basic operation and maintenance manual for the Hurricane and Storm Damage Risk Reduction System upon transfer of responsibility for the structure; and

**WHEREAS**, said manual will not include a risk assessment or detailed emergency operations plan, without which communities in Orleans, Jefferson and St. Bernard

might be put at risk of storm surge and flooding in the absence of being unable to monitor, maintain and predict the functionality of the system in advance of and during an incident; and

**WHEREAS**, the Southeast Louisiana Flood Protection Authority - East seeks a risk assessment in order to prioritize the expenditure of its limited resources so as to mitigate the inherent risks associated with operating and maintaining the complex features that are a part of the Hurricane and Storm Damage Risk Reduction System; and

**WHEREAS**, such a Risk Assessment Study and Operations and Maintenance Plan Redevelopment will cost approximately \$500,000 as follows:

Task 1. Risk Evaluation Study (estimated cost \$240,000).

Task 2. Operations and Maintenance Plan Redevelopment (estimated cost \$260,000); and

**WHEREAS**, the Southeast Louisiana Flood Protection Authority -East sought out funding sources for the risk assessment study and operations and maintenance plan redevelopment and is aware that funding may be available from the State of Louisiana Office of Community Development/Disaster Recovery.

**NOW, THEREFORE, BE IT RESOLVED** that the Southeast Louisiana Flood Protection Authority-East agrees to submit a proposal to the State of Louisiana Office of Community Development/Disaster Recovery for funding to determine if the agency and scope of the project is eligible for any available Community Development Block Grant funds, and if so, agrees to enter into a Cooperative Endeavor Agreement with the State of Louisiana Office of Community Development/Disaster Recovery for the purpose of receiving grant funding for the Risk Assessment Study and Operations and Maintenance Plan Redevelopment.

**BE IT FURTHER RESOLVED** that Robert A. Turner, Jr., Executive Director, Southeast Louisiana Flood Protection Authority-East, is hereby designated to sign any and all documents necessary, on behalf of the Southeast Louisiana Flood Protection Authority-East, in conjunction with the filing of this application.

The foregoing was submitted to a vote, the vote thereon was as follows:

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,  
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

### **RESOLUTION NO. 06-14-13-10 - EJLD RENEWAL OF INSURANCE COVERAGES**

Mr. Doody noted that the Finance Committee reviewed the renewal of the insurance coverages at the Finance Committee meeting held on June 6<sup>th</sup>.

On the motion of Mr. Barry,

Seconded by Mr. Estopinal, the following resolution was offered:

**WHEREAS**, the East Jefferson Levee District's (EJLD) General Liability, Automobile Liability, Umbrella, Commercial Crime and Flood Insurance coverages are due to expire in July, 2013; and

**WHEREAS**, Arthur J. Gallagher Risk Management Services shopped the market, received quotes and provided the following recommendations for the renewal of said coverages:

- General Liability Insurance from ACE Insurance Company a premium of \$60,900 with limits of \$1 million per occurrence and \$2 million aggregate
- Automobile Liability Insurance from Republic Fire and Casualty Insurance Company at a premium of \$113,866
- Umbrella Insurance from Lexington Insurance Company at a premium of \$55,566
- Commercial Crime Insurance from Travelers Insurance Company at a premium of \$2,288
- Flood Insurance from Wright National Insurance Company for the Police/Maintenance Complex (1135 Lesan Drive) at a premium of \$1,954 (coverage \$88,600 building and \$100,000 contents), and for the Sandbag Building (1135 Lesan Drive Rear) at a premium of \$632 (coverage \$38,000 building and \$10,000 contents)

**WHEREAS**, the renewal of Flood Insurance coverage shall be for a one year period commencing on July 9, 2013 for the Police/Maintenance Complex and July 7, 2013 for the Sandbagging Building, and the procurement or renewal of all other coverages for a period of one year commencing on July 19, 2013.

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority-East authorizes the renewal of General Liability, Automobile Liability, Umbrella, Commercial Crime and Flood Insurance coverages as stated above through Arthur J. Gallagher Risk Management Services.

**BE IT FURTHER RESOLVED**, that the EJLD Executive Director is authorized to execute any and all documents necessary to carry out the above.

The foregoing was submitted to a vote, the vote thereon was as follows:

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,  
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

### **Discussion of renewal of EJLD Healthcare Insurance coverage.**

Fran Campbell, East Jefferson Levee District (EJLD) Executive Director, recommended the procurement of coverage from Aetna-Coventry. Mr. Doody explained that the Board adopted a resolution last month to extend the current coverage on a month-to-month basis until a final decision was reached. The Finance Committee reviewed the

procurement of healthcare coverage at its June 6<sup>th</sup> meeting. An additional quote was received from Aetna-Coventry, which would save the levee district about \$120,000.

A motion was offered by Mr. Estopinal, seconded by Mr. Wittie and unanimously adopted by a roll call vote, to amend the agenda to add a motion to accept the recommendation of the EJLD staff to procure healthcare coverage from Aetna-Coventry. Mr. Doody called for public comment on the amendment of the agenda. There was no comment from the public.

Mr. Luettich inquired about the attempt to move all of the levee districts to a common plan. Mr. Doody responded that he hoped to ultimately have all of the levee districts under a single umbrella of coverage. Last month the Aetna-Coventry plan was priced such that there would only have been a savings of about \$1,000 per month (\$12,000/year). However, Aetna-Coventry came back with a quote that would save the levee district about \$120,000/year. Quotes will be obtained again next year.

#### **RESOLUTION NO. 06-14-13-11 – EJLD HEALTHCARE COVERAGE**

On the motion of Mr. Estopinal,  
Seconded by Mr. Barry, the following resolution was offered:

**WHEREAS**, by Resolution No. 05-16-13-09 the Southeast Louisiana Flood Protection Authority-East authorized the continuation of East Jefferson Levee District's (EJLD) healthcare coverage, which was set to expire on May 31, 2012, with the incumbent provider on a month-to-month basis until a final decision was reached on the procurement of said coverage for the next year.

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority-East authorizes the procurement of healthcare coverage from Aetna-Coventry for a one year period commencing July 1, 2013 and ending on June 30, 2014.

**BE IT FURTHER RESOLVED**, that the EJLD Executive Director is authorized to sign any and all documents necessary to carry out the above.

The foregoing was submitted to a vote, the vote thereon was as follows:

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,  
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

#### **RESOLUTION NO. 06-14-13-12 – ORLEANS LEVEE DISTRICT WORKERS' COMPENSATION INSURANCE COVERAGE RENEWAL**

On the motion of Mr. Estopinal,  
Seconded by Mr. Wittie, the following resolution was offered:

**WHEREAS**, the Orleans Levee District's (O.L.D.) current Workers' Compensation, USL&H & Employers Liability Insurance Coverage is due to expire on July 1, 2013 at 12:01 AM; and

**WHEREAS**, Louisiana Worker's Compensation Corporation (LWCC), the incumbent provider, offers a renewal of the Worker's Compensation coverage through the Morrison Insurance Agency for the period of one year, commencing on July 1, 2013 and ending on July 1, 2014, at a proposed estimated annual cost of \$192,187; and

**WHEREAS**, the annual estimated premium is subject to the policy term payroll audit.

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority-East authorizes the procurement of Workers' Compensation coverage offered by LWCC, through the Morrison Insurance Agency, at an annual estimated cost of \$192,187 for a period of one year, commencing on July 1, 2013 and ending on July 1, 2014 at 12:01 AM, and authorizes the O.L.D. Executive Director to execute any and all documents necessary to carry out the above.

The foregoing was submitted to a vote, the vote thereon was as follows:

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,  
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

**RESOLUTION NO. 06-14-13-13 –  
O.L.D RENEWAL OF GENERAL LIABILITY INSURANCE COVERAGE**

On the motion of Mr. Estopinal,  
Seconded by Mr. Wittie, the following resolution was offered:

**WHEREAS**, the Orleans Levee District's (O.L.D.) General Liability Insurance coverage is due to expire on July 19, 2013; and

**WHEREAS**, Arthur J. Gallagher Risk Management Services shopped the market, received quotes and recommended the renewal of General Liability Insurance coverage for the O.L.D. Flood Protection Division with ACE Insurance Company at a premium of \$111,037.50 with limits of \$2 million per occurrence and \$5 million aggregate for a period of one year commencing on July 19, 2013.

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority-East authorizes the renewal of General Liability Insurance coverage with ACE Insurance Company as stated above for the O.L.D. Flood Protection Division.

**BE IT FURTHER RESOLVED**, that the O.L.D. Executive Director is authorized to execute any and all documents necessary to carry out the above.

The foregoing was submitted to a vote, the vote thereon was as follows:

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,  
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

**RESOLUTION NO. 06-14-13-14 - O.L.D. PRIMARY FLOOD INSURANCE RENEWAL**

On the motion of Mr. Estopinal,  
Seconded by Mr. Tilly, the following resolution was offered:

**WHEREAS**, the Orleans Levee District's (O.L.D.) Primary Flood Insurance Building and Contents coverage on the Franklin Loft, the Franklin Administration and the Franklin Warehouse buildings are due to expire on July 21, 2013; and

**WHEREAS**, the Fidelity National Insurance Company through the Eagan Insurance Agency has offered to renew the current Primary Building and Contents Flood Insurance policies for the Franklin Administration, Franklin Loft and the Franklin Warehouse buildings for a term of one year, commencing on July 21, 2013 and expiring on July 21, 2014 at 12:01 A.M., at a total cost of \$2,968.00.

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority-East authorizes the renewal of the aforesaid Primary Flood Insurance policies for the Franklin Administration, the Franklin Loft and the Franklin Warehouse buildings, as offered by the Fidelity National Insurance Company through the Eagan Agency, at a total cost of \$2,968.00 for a one year term commencing on July 21, 2013 at 12:01.

**BE IT FURTHER RESOLVED**, that the O.L.D. Executive Director is hereby authorized to execute any and all documents to carry out the above.

The foregoing was submitted to a vote, the vote thereon was as follows:

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,  
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

**RESOLUTION NO. 06-14-13-15 - O.L.D. EXCESS FLOOD INSURANCE RENEWAL**

On the motion of Mr. Estopinal,  
Seconded by Mr. Wittie, the following resolution was offered:

**WHEREAS**, the Orleans Levee District's (O.L.D.) Excess Building and Contents Flood Insurance coverage (\$1M Building and \$1M Contents) on the Franklin Warehouse Building will expire on July 29, 2013; and

**WHEREAS**, the SWBC Company through the Eagan Insurance Agency has offered to renew the current Excess Building and Contents Flood Insurance coverage for the Franklin Warehouse Building for a term of one year, commencing on July 29, 2013 and expiring on July 29, 2014 at 12:01 AM, at a total annual cost of \$16,075.50.

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority-East authorizes the renewal of the aforesaid Excess Flood Insurance

coverage for the Franklin Warehouse Building and Contents as offered by SWBC Company through the Eagan Insurance Agency at an annual cost of \$16,075.50 for a term of one year, commencing on July 29, 2013.

**BE IT FURTHER RESOLVED**, that the O.L.D. Executive Director is hereby authorized to execute any and all documents to carry out the above.

The foregoing was submitted to a vote, the vote thereon was as follows:

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,  
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

**RESOLUTION NO. 06-14-13-16 –  
IHNC FLORIDA AVENUE BRIDGE EROSION PROTECTION DESIGN**

On the motion of Mr. Estopinal,  
Seconded by Mr. Tilly, the following resolution was offered:

**WHEREAS**, an obsolete floodwall southeast of the IHNC Florida Avenue Bridge and a temporary berm northwest of the IHNC Florida Avenue Bridge are deteriorating and must be replaced by steel sheet pile walls; and

**WHEREAS**, the Orleans Levee District (O.L.D.) negotiated design fees to perform surveying and geotechnical work, prepare plans and specifications and provide construction administration and inspection services with The URS Corporation under the IDIQ contract with Southeast Flood Protection Authority–East.

**BE IT HEREBY RESOLVED**, that The URS Corporation be granted a Task Order in the amount of \$122,110.00 to perform surveying and geotechnical work, prepare plans and specifications and provide construction administration and inspection services for the IHNC Florida Avenue Bridge Erosion Protection Design.

**BE IT FURTHER RESOLVED**, that the O.L.D. Executive Director be authorized to sign the aforementioned Task Order and any and all other documents necessary to carry out the above.

The foregoing was submitted to a vote, the vote thereon was as follows:

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,  
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

**RESOLUTION NO. 06-14-13-17 –  
CLEARING AND GRUBBING OF MAXENT AND PARIS ROAD LEVEES**

Gerry Gillen, O.L.D. Executive Director, advised that additional acreage needs to be cleared and additional fill is needed under the current project. In addition, another section was found to be in need of clearing, which will be bid as a new project.

On the motion of Mr. Wittie,  
Seconded by Mr. Tilly, the following resolution was offered:

**WHEREAS**, the Southeast Louisiana Flood Protection Authority-East by Resolution No. 10-18-12-04 awarded a purchase order to Wallace C. Drennan, Inc. to remove vegetation and spread fill on the Paris Road and Maxent Levees; and

**WHEREAS**, additional clearing and filling that was identified during this project will increase the award amount from \$144,732.00 up to \$190,000.

**BE IT HEREBY RESOLVED**, that the project budget for Clearing and Grubbing the Maxent and Paris Road Levees be increased from \$170,000 to \$190,000.

**BE IT FURTHER RESOLVED**, the Orleans Levee District Executive Director is hereby authorized to execute the purchase order increase with Wallace C. Drennan, Inc., and any and all documents necessary to accomplish the above.

The foregoing was submitted to a vote, the vote thereon was as follows:

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,  
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

#### **RESOLUTION NO. 06-14-13-18 - LBBLD RENEWAL OF INSURANCE COVERAGES**

On the motion of Mr. Estopinal,  
Seconded by Mr. Wittie, the following resolution was offered:

**WHEREAS**, the Lake Borgne Basin Levee District's (LBBLD) General Liability, Automobile Liability, Umbrella, Hull and P & I, Vessel Pollution, Inland Marine, Property, Commercial Crime and Law Enforcement Liability Insurance coverages are due to expire on July 19, 2013; and

**WHEREAS**, Arthur J. Gallagher Risk Management Services shopped the market, received quotes and provided the following recommendations for the renewal of said coverages for a period of one year commencing on July 19, 2013:

- General Liability Insurance from ACE Insurance Company at a premium of \$76,650 with limits of \$2 million per occurrence and \$5 million aggregate
- Automobile Liability Insurance from Republic Fire and Casualty Insurance Company at a premium of \$50,619
- Umbrella Insurance from Lexington Insurance Company at a premium of \$34,728.75
- Hull and P & I Insurance from Great American Insurance at a premium of \$18,500

- Vessel Pollution Insurance from Great American Insurance at a premium of \$1,775
- Inland Marine Insurance from Great American Insurance at a premium of \$12,263
- Property Insurance from RSUI at a premium of \$91,875
- Commercial Crime Insurance from Travelers Insurance Company at a premium of \$1,054
- Law Enforcement Liability Insurance from Darwin Select Insurance Company at a premium of \$1,989.75

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority-East authorizes the renewal of General Liability, Automobile Liability, Umbrella, Hull and P & I, Vessel Pollution, Inland Marine, Property, Commercial Crime and Law Enforcement Liability Insurance coverages as stated above through Arthur J. Gallagher Risk Management Services.

**BE IT FURTHER RESOLVED**, that the LBBLD Executive Director is authorized to execute any and all documents necessary to carry out the above.

The foregoing was submitted to a vote, the vote thereon was as follows:

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,  
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

Mr. Doody announced that the next regular monthly Board Meeting will be held on July 18, 2013 and hosted by the East Jefferson Levee District.

There was no further business; therefore, the meeting was adjourned at 2:00 p.m.

# SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY - EAST

## REGIONAL DIRECTOR'S REPORT

June 14, 2013

### HSDRRS Project Status Update

**IHNC-02 - Lake Borgne Surge Barrier and Gates** The barge gate and ancillary structures are still undergoing repair and remediation. The windlass units will be repositioned, and design work is underway to reinforce the barge chain and anchorage points for closure in more challenging environmental conditions. Other steps will be taken to improve the operability and longevity of the windlasses.

Miscellaneous work continues, including re-alignment of gears at the Bayou Bienvenue Lift Gate and general touch-up painting. A plan is being developed to install navigational hazard warning signs along the barrier wall. Monday-Tuesday operations of the Barge Gate will resume June 18, 2013. During those exercises, the Orleans Levee District will operate the gate under guidance from the Army Corps of Engineers and CBI.

**LPV-104.02b - Seepage Cutoff Orleans Lakefront** The contractor has completed driving sheet piles for the seepage cut-off wall and finished the berm. Seeding is 90% complete, and the work is on schedule.

**LPV-106a - Citrus Lakefront Levee Crack Repair** This project is almost complete, and a final inspection was held on June 4, 2013.

**LPV-109.02a - Levee Enlargement for South Point to CXS Railroad and US11 and US 90 Floodgates** Approximately 3,000 linear feet of levee must be raised about 2.5 feet to account for post-construction settlement. Work has been delayed because high river stages flooded the project's Bonnet Carre Spillway borrow pit.

Additionally, URS is preparing plans to repair problems resulting from unanticipated settlement of the floodgate at Highway 11.

A section of slope paving near the CSX Railroad Floodgate has settled significantly and must be replaced. Plans for the replacement also are being prepared by URS.

**LPV-111 - CSX RR to Michoud Canal** A surface slide occurred several months ago in a small section of the levee's protected side slope. The failure surface was excavated and the levee repaired. Seeding will begin shortly. URS is investigating whether other areas may be prone to such slides.

**LPV-149 - Caernarvon Canal Floodwall** The 95% design for transition of the HSDRRS floodwall to the Mississippi River levee has been reviewed by SLFPAE staff and our comments submitted to the Corps.

**Outfall Canals** The 95% plans and specs for installation of more sheet pile along the London Ave Canal and west side of the 17<sup>th</sup> St. Canal have been reviewed and our comments submitted (OFC-07). The low water case in all three outfall canals is still being investigated. The Corps also is completing surveys on all three canals to check for erosion.

On behalf of SLFPA-E, Halcrow continues to review the Corps' engineering, design and analysis of the outfall canals.

**Non-Federal Levee Certification** Centerline elevation surveys and on-site inspections of the levees under OLD and LBBLD jurisdiction have been completed by Tetra Tech. A meeting with our consultant, FEMA and the Corps was held on June 4, 2013, to discuss hydraulic modeling requirements, freeboard, and the PAL agreement.

**Armoring** Work continues on the 5,000-foot-long pilot project testing five brands of High Performance Turf Reinforced Mat in the field. Both sod and seed are being used, and additional testing with equipment is planned for the fall. It is anticipated that contracts to install HPTRM on the LPV system will be awarded, at the earliest, between February and April of 2014. Although Task Force Hope recently reported that a revision of the predicted over topping rates for levees along the lakefront and in New Orleans East could greatly reduce the amount of armoring to be placed, the calculations have been re-run. SLFPAE and CPRA representatives have asked to be briefed on those latest findings as soon as possible.

**Permanent Canal Closures and Pumps (PCCP)** A groundbreaking for the Permanent Canal Closure and Pumps project at the London, Orleans and 17<sup>th</sup> Street canals is set for for today, June 14, 2013, and a partnering conference is scheduled July 30, 2013. Construction is to start in November of this year.

**Water Control Plans (WCP)** Our staff, in coordination with CPRA, continues to review proposed water control plans and standing instructions and provide our comments on those documents to the Corps.

**Operation and Maintenance (O&M) Manuals for Standard Levee System Features** Our O&M Manual Workgroup, in coordination with CPRA, continues to review draft manuals for standard structures and to provide comments to the Corps.

**Mississippi River & Tributaries (MR&T)** There are two ongoing MR&T levee projects on the east bank. Design of the Jefferson Heights project between the Orleans-Jefferson and St. Charles-Jefferson parish lines has been completed and is being reviewed. The draft Environmental Assessment is currently undergoing a 30-day public review.

Construction of the Carrollton levee-raising project from the Orleans-Jefferson line to just downriver of Audubon Park is 48% complete. The northern half has been raised but still needs to be seeded. It is scheduled for completion in September 2013.

## **Internal Affairs**

**Complex Structure Training** Our personnel are training weekly to become more familiar with operation and maintenance of the complex gated HSDRRS structures.

**Emergency Preparedness** The river crested at 14.4'± on May 29, 2013 at the Carrollton Gage. It is currently below 14.0' and dropping slowly. The Corps and Levee Districts are continuing to conduct Phase 1 flood fight surveillance.

A SLFPAE hurricane tabletop exercise will be held with all Levee District Directors on June 24, 2013.

**USCG IHNC/GIWW Corridor Inspection** The United State Coast Guard has resumed monthly inspections of the IHNC and GIWW, by boat, in preparation for the 2013 hurricane season. The inspections will confirm the number and type of vessels in the area to allow for proper planning and successful execution of evacuation of the corridor in advance of a tropical event. The first inspection was held on May 29, 2013. We have asked for a copy of their report/count. The next inspection will be at the end of June.

**Floodgate Status Module** CPRA has updated the Levee Information Management System Floodgate Module, and it is being tested. Various parish, state and Corps Emergency Operation Centers will be able to quickly and easily see the near real-time status of all floodgates as an event unfolds. CPRA and SLFPAE will coordinate a workshop with the surrounding city and parish agencies to demonstrate the module once final revisions are complete.

**Levee District Construction Projects:**

<b>Project</b>	<b>District</b>	<b>Status</b>	<b>Comments</b>
<b>Franklin Administration Building Refurbishment</b>	OLD	67% complete	Completion scheduled for June 30th
<b>Bayou Bienvenue Maintenance Cycle</b>	OLD	95% complete	The structure is open for navigation.
<b>Bayou St. John Waterfall Demolition Project</b>	OLD	100% complete	
<b>Bayou St. John Sandbar Removal</b>	OLD	10% complete	NTP issued 4/29/13. Marsh creation added
<b>Seawall Steps Erosion – Phase 1B</b>	OLD	2% complete	Issued Notice to Proceed on Feb. 27, 2013; investigating power outage to lights.
<b>Citrus Lakefront Levee – 8” Sewer Valve</b>	OLD	100% complete	Valve installed
<b>Maxent/Paris Rd. Levee – Clearing Contract</b>	OLD	95% complete	
<b>Franklin Warehouse Steel Silo Demolition</b>	OLD	0 % complete	Contract signatures pending.
<b>Fence repair on Canals/Levees</b>	LBBLD	0% complete	Bid opening 5/7/13. Bids rejected on 6/5, will re-bid at a later date.
<b>Administration Building Hurricane Isaac Repairs</b>	EJLD	30% complete	Completed exterior and 2 offices. Now working on foyer & board room.

## Levee District Project Designs and Studies

<b>Project</b>	<b>District</b>	<b>Comments</b>
<b>Outfall Canal Bank Stabilization Monitoring (Gerwick)</b>	OLD	Final report under review
<b>Citrus Lakefront Railroad Drain Pipe Crossings (BKI)</b>	OLD	Planning for an exploratory cleaning and condition assessment of drain lines, 50% complete
<b>Franklin Front Parking Facility</b>	OLD	Design 15% complete
<b>Lakefront Seawall Area Reach , 4&amp;5</b>	OLD	Reach 4&5 Design @ 40% complete
<b>Floodgate Seal Repairs</b>	OLD	Design 2% complete
<b>Phase 1 for the engine upgrades at Pump Stations 1&amp;4 HMGP approved by FEMA</b>	LBBLD	RFQ to be advertised 6/7, 30 day solicitation.
<b>Phase 1 for Safe Room Design HMGP approved by FEMA</b>	LBBLD	P&S to be completed by end of 2013 Hurricane Season
<b>Pump Station #6 pump repair and hangers at P.S. #7</b>	LBBLD	P&S at 100% Advertise when erosion control project is complete.
<b>Pump Station #6 Erosion Repair</b>	LBBLD	P&S at 100% Advertise goal of 7/30
<b>Floodgate #9 renovation</b>	LBBLD	P&S at 100% Advertise goal of 6/30
<b>Safehouse &amp; Consolidated Facility</b>	EJLD	Design still in initial phase. Street and property approvals set to go to City of Kenner and Jefferson Parish Council for first readings in June and final approval in July.
<b>Security Fences at Pump Stations &amp; ROW Locations FEMA PA</b>	LBBLD	Advertise by 6/21

## Meetings and Items of Note:

The Governor's Oyster Advisory Committee will meet June 27, at 1:30 pm in the UNO Homer L. Hitt Alumni & Visitor Center.

The next meeting of the Coastal Protection and Restoration Authority is scheduled for June 19 at 9:30 am in Baton Rouge.

The Greater New Orleans Foundation, in partnership with the Urban Institute and others, is hosting *The Urban Water Series: Strategies that Work*. With three sessions in June and a third in July, the series in New Orleans is designed to give insight into innovative and affordable storm water management practices used in other cities. At the series' end, the group will look at which of those practices could be adopted in New Orleans. For details and registration, visit <http://www.gnof.org/urbanwaterseries/>