



# SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY - EAST

January 9, 2014

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## REGIONAL DIRECTOR

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## Lake Borgne Basin Levee District Monthly Director's Report

### I Safety

- A. 0 lost time accidents this year
- B. 0 accidents since last report

### II O&M

#### A. Levee Systems

- 1) Certification of the NFL is ongoing.
- 2) LPV 149 tie in at MRL
  - i. Contractor is on site and working
  - ii. Estimated completion in April 2014
- 3) Swing Bridge at Bayou Bienvenue
  - i. Contract award is still anticipated for 1/21/14
  - ii. Estimated Completion date 5/16/15

#### B. Pump Stations

- 1) Pump Station #2&3 seepage repair is at 95%.
  - i. BCOE is ongoing,
  - ii. USACE is responsible for design and construction

#### C. Drainage Canals

- 1) FEMA HMGP funded drainage improvements along the Palmisano Canal and Bluebird Lateral Canal are underway.
  - i. Work is being executed through a CEA with St. Bernard Parish.
  - ii. Selection committee interviewed short list firms and successful firm will be notified in late January.
- 2) Continued routine maintenance along drainage canals.
  - i. Canals are checked for obstructions before, during and after severe weather events.

#### D. Other – Bayou Dupre Sector Gate

- 1) New Bayou Dupre Sector Gate is scheduled for dewatering and repairs in January 2014.
- 2) USACE installed temporary remote gauges at Bayou Dupre Sector Gate on 8/6. Permanent installation is scheduled in conjunction with dewatering in January.

### III Inspections

A. Schedule for next inspection cycle

- 1) 4Q 2013 Inspections are complete
- 2) 1Q 2014 Inspections tentatively scheduled for mid-February
- 3) Annual USACE MRL inspection will be conducted on 1/22/14

**IV Flood Fight Activities**

No recent flood fight activities.

**V FEMA Active Public Assistance and HMGP Grants**

A. HMGP

- 1) Phase 1 for the Engine Upgrades at Stations 1&4
  - i. Awarded to Shread-Kyrykendall, design contract was signed and NTP has been issued.
  - ii. Kickoff meeting for design effort scheduled for 1/15/14
- 2) Phase 1 Safe Room Design
  - i. Safe Room and telemetry designs are at 100% and have been approved by FEMA Region VI.
  - ii. We are in the final review and preparation of bid documents and anticipate advertising for construction in the next 30 days.

B. FEMA Public Assistance

- 1) Pump Station #6 Pump repair and pipe hanger repair / Hangers at PS#7
  - i. Atkins 100% designs have been submitted and are being reviewed. This project will be advertised and awarded based on the timeline for completion of the Pump Station #6 Erosion Repair in order to avoid conflicts between contractors.
- 1) Pump Station #6 Erosion Repair
  - i. Atkins has delivered completed design and bid documents. Anticipate advertisement this month.
- 2) Flood Gate #9
  - i. Fenstermaker has completed design and bid documents.
  - ii. Will advertise in the next 30 days.

**VI Personnel**

No new hires in the last 30 days.

**VII Budget**

We will begin preparing budgets for FY 15 to present to the board for approval in the next few weeks.

**VIII Executive Director's Assessment**

The certification of the 40 Arpent Non Federal Levee continues to be the highest priority and our efforts are focused on correcting deficiencies identified in the Assessment Report submitted by Tetra Tech. Testing of site conditions is ongoing, including geotechnical testing,

surveying and evaluation of the sheet pile. Once deficiencies are identified, any minor remediation that can be performed by LBBLD personnel are addressed. The only major deficiency currently identified is along the Violet Canal, and Tetra Tech will provide repair options in the next few weeks.

We are working closely with Orleans Levee District in order to ensure we conform to their existing O&M planning and process for maintenance on the Bayou Dupre and Caernarvon Sector Gates. The NCC letter for Caernarvon has already been issued, and Bayou Dupre will be issued upon completion of the repair work to the upper hinge and pintle.

The design of the HMGP funded Safe Rooms at Pump Stations 1 and 7 are complete. Designs were reviewed by LBBLD, CPRA, St. Bernard Parish, and FEMA Region VI to verify that they conform to FEMA Publication 361 and HMGP, and we are now preparing the documents to advertise for construction.

FEMA HMGP and FEMA PA projects are going to be a priority over the next few months, to ensure that short duration projects will be completed prior to the beginning of hurricane season. Currently, approximately \$10 million worth of repair or capital improvement projects focused mainly on the pump stations will be underway over the next 24 months.

Long term financial planning continues to be an issue. LBBLD has been working with the staffs of the Orleans and East Jefferson Levee districts in order to share best practices and continue to ensure we operate in the most efficient manner possible. We are also working with the SLFPA-E staff to forecast and track the cost implications of maintaining the new structures on the HSDRRS, and anticipate those costs to increase, which will exacerbate the budget deficit after O&M of the HSDRRS system is fully turned over to LBBLD.