



SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY - EAST

November 7, 2013

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Lake Borgne Basin Levee District Monthly Director's Report

REGIONAL DIRECTOR

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ORLEANS LEVEE DISTRICT

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I Safety

- A. 1 lost time accidents this year
- B. 0 accidents since last report

II O&M

A. Levee Systems

- 1) Received NCC letters for 2 HSDRRS projects – LPV 147 and LPV 149. Anticipate more NCC letters in the next 60-90 days
- 2) Certification of the NFL is ongoing.
- 3) MRL Low water inspection is planned in the next 30 days (date TBD)
- 4) LPV 149 tie in at MRL has been awarded, construction to begin in the next 30 days.
- 5) Swing bridge advertisement anticipated for mid-Nov.

B. Pump Stations

- 1) Pump Station #2&3 seepage repair is at 95%.
 - i. BCOE is ongoing, advertisement in early Dec.
 - 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. Beginning selection process for designer.
- 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 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) 3Q 2013 Inspections are complete.
 - 2) 4Q 2013 Inspection schedule TBD

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.
- 2) Phase 1 Safe Room Design
 - i. Safe Room design is at 95%
 - i.
 - ii. Goal is to complete design and construction advertisement in order to start construction at the end of Hurricane Season 2013.

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.
- 2) Pump Station #6 Erosion Repair
 - i. Atkins has delivered completed design and bid documents. Anticipate advertisement this month.
- 3) Flood Gate #9
 - i. Fenstermaker has completed design and bid documents.
 - ii. Will advertise after hurricane season.
- 4) Fence Repair on Canals / Levees
 - i. Project has reached substantial completion and final inspection has been conducted.

VI Personnel

No new hires in the last 30 days.

VII Budget

Legislative audit is complete.

VIII Executive Director's Assessment

We have received NCC letters from USACE on two of the HSDRRS projects, LPV 147 and LPV 149, and are now incorporating the ongoing O&M requirements and quarterly inspections into our schedule.

In the next few months, we still anticipate a significant increase in the amount of construction in the Lake Borgne Basin Levee District area. FEMA HMGP and FEMA PA projects are all currently being designed, or the design is complete and we are working toward advertisement and award. This effort will be a total of nearly \$10 million worth of repair and improvement projects focused mainly on the pump stations over the next 24 months.

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.

LBBLD is exploring ways to utilize new software to improve the O&M procedures and tracking, as well as manage inventory and forecast preventative maintenance. As the pace of the FEMA funded improvements and the turnover of the HSDRRS structures increases, this effort should improve our overall equipment readiness and help us better control costs and equipment downtime.

We continue to work 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.