

**LAKE BORGNE BASIN LEVEE DISTRICT
MONTHLY STATUS REPORT
COMMITTEE MEETING June 7, 2012**

LEVEES:

• **Maintenance Crews:**

- Are continuing regularly scheduled grass cutting on levee ROW's
- Are continuing to remove trees along the Non-Federal Levee from Enbridge Pipeline to Verret

• **USACE LPV Projects:**

- LPV 144 (Bayou Dupre Control Structure):
Hired labor from USACE will be installing the Kumatics greaseless bushing system. Modification for the Jib Crane becomes part of the Access Roads Project.
 - Structure will be closed April 10 – August 15, 2012.
 - Structure dewatered.
 - Bushings have been removed and Kumatics has them for refitting.
 - The gate will be refitted with bottom bearing so it will be functional for Hurricane Season 2012
 - Hired labor is currently sandblasting and repainting the gate leaves.
 - USACE will be re-watering the structure in August 2012 and dewatering again in February 2013.
 - Interim measures are being designed until re-watering.
- LPV 145 (Bayou Bienvenue to Bayou Dupre):
 - Turf Establishment is ongoing.
 - USACE has awarded the design of the swing bridge to an A/E.
 - Access Road – Waiting on USACE for revised schedule and P&S
- LPV 146 (Bayou Dupre to Verret):
 - As built and O&M Manual reviews continue by USACE.
 - USACE hired labor mowed entire reach.
 - Access Road – Waiting on USACE for revised schedule and P&S
- LPV 147 (LA Hwy 46 Flood Gate):
 - As Built and O&M Manual are under review by USACE.
- LPV 148.02 (Verret to Caernarvon):
 - Turf establishment is ongoing.
 - Access Roads – To be handled under separate contractor.
- LPV 149 (Caernarvon Floodwall):
 - Turf establishment underway.

PUMP STATIONS:

- Damaged Pump #1 at Pump Station #7. Pump #1 has been removed and is at the Conhagen facility for repair. Plans and specifications from Conhagen have been reviewed by BKI, Inc. to ensure that the best design is used for the repair. BKI's final report recommends a possible change in the start up procedure to avoid torque spikes. LBBLD recommends additional testing by BKI, Inc. to determine which start up procedure will work best.
- Engine Replacement for Pump Station #4. Bidding documents are under review by LBBLD staff and attorney. LBBLD staff met with CPRA/DOTD representatives regarding the possibility of funding this project under State Project No. 579-44-0001, Forty Arpent Levee. CPRA has responded positively to the request. LBBLD will be able to use the remaining funds under State Project 579-44-0001, Forty Arpent Levee for the engine replacement.
- Pump Station #3 Emergency Seepage Repairs. This work was originally captured in FEMA PW 19659. FEMA opted to pull this work out, and a new project worksheet, PW 19955, has been obligated for this work. Work is complete. LBBLD has received 90% reimbursement. The remaining 10% will be disbursed after the detail review is complete.
- Seepage Repairs at Pump Stations #2 and #3. WS Nelson provided LBBLD with the 60% Design Submittal and construction cost estimates. These documents were forwarded to FEMA for a PW Version update. The version request was reviewed by FEMA; however, since that time the USACE has reversed earlier decisions and is proceeding with the seepage repairs as a 100% Federal project. USACE Project Manager Chris Gilmore has been provided the 60% P&S and is determining the path forward.

In addition, the Executive Director has requested and is waiting on a letter from the USACE, likely signed by Brett Herr, that their authority to complete the PS 2 and 3 seepage repairs does not extend to any other project on the Back Levee. This is necessary to keep FEMA funded projects elsewhere on the Back Levee moving forward as planned.

Additionally, FEMA has agreed to reimburse LBBLD for A&E fees up to the date of the Corps' letter, which is approximately 80%.

- Repairs to Pumps 1, 2, and 3 at Pump Station #6. The FEMA PWs (19790, 19792 & 19794) for this project are obligated. Advertising and bidding documents were provided to LBBLD and are under review by LBBLD staff, attorney, LADOTD and representatives of Atkins Global. Bid document modifications are still ongoing.
- Remote Control/Telemetry for PS #2 and PS #3. WS Nelson has submitted 100% Plans and Specifications and they are under review by LBBLD staff. Meetings are ongoing relative to possible changes in scope. Various funding sources are being pursued with the possibility of the design being included in the funding of the safe rooms.
- Erosion Repair (Fronting Protection) at PS #6. The FEMA PW (19763) for this project is obligated. A cost estimate for the work was reviewed by LBBLD and LADOTD and was subsequently provided to FEMA. LADOTD will develop the plans and specifications for this project.
- Corrosion on Discharge Pipes at PS #6 and PS #7. On 10/13/11, a Version request accounting for the updated cost estimate of \$212,422 for each station was submitted to FEMA. The FEMA PW for this project (which has been assigned number PW 19840 V0) has passed environmental review. Investigations are underway to determine if additional Coastal Zone permitting is needed

for this project. LADOTD is investigating the permitting and is developing the plans and specifications for this project.

CANALS:

- Maintenance Crews:
 - Are continuing to clear canals of debris and continuing monitoring
 - Are continuing grass cutting schedule on canal slopes
 - Cut down and removed trees and excess grasses growing out of rip rap along both banks of the Violet Canal and other canal ROWs.

VIOLET SIPHON:

- Neither tube is currently flowing.