

**LAKE BORGNE BASIN LEVEE DISTRICT
MONTHLY STATUS REPORT
COMMITTEE Meeting April 5, 2012**

LEVEES:

• **Maintenance Crews:**

- Resurfaced the rock road on the crown of the Mississippi River Levee (MRL) from Arabi (Domino Sugar Refinery) to Paris Road.
- Have begun cutting right of ways on Back Levee and MRL.
- Have begun vegetation management on around pump stations, sheetpile from Arabi to Paris Road, Hopedale Structure and main yard.

• **MRL Chalmette Ferry Landing Seepage Cut-Off Wall.**

- Nick Nazarko and Capt. Russell Gelvin participated in final inspection held by USACE on 3/28/12. No issues identified.

• **USACE LPV Projects:**

- LPV 144 (Bayou Dupre Control Structure):
A final inspection was held on 3/8/12. All punch list items were corrected. Samples were taken from the hydraulic lines on both East and West towers. Both samples were delivered to a testing laboratory for analysis. Hired labor from USACE will be installing the Kumatic greaseless bushing system. Modification for the Jib Crane becomes part of the Access Roads Project.
- LPV 145 (Bayou Bienvenue to Bayou Dupre):
 - Turf Establishment is ongoing
 - USACE is double checking fertilizing and seeding quantities
 - A/E and USACE conducted a scoping meeting on A/E proposal. Waiting on USACE for a schedule for the swing bridge.

Work that still needs to be completed:
Access Road – Waiting on USACE for schedule and P&S
- LPV 146 (Bayou Dupre to Verret):
As built and O&M Manual reviews continue by USACE
Work that still needs to be completed:
Access Road – Waiting on USACE for 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):
Punch list resolution meeting held on 3/7/12
Modifications:
Air release completed
Security fence in progress
Work still needs to be completed:
Safety rails – to be handled by separate contractor
Access Roads – To be handled under separate contractor
- LPV 149 (Caernarvon Floodwall – Lake Borgne Basin Levee District):
Turf establishment planned for April 2012

PUMP STATIONS:

- Damaged Pump #1 at Pump Station #7. Pump #1 has been removed and is at the Conhagen facility for repair. Plans and specs from Conhagen are going to be reviewed by BKI, Inc. to ensure that the best design is used for the repair.
- 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.
- Emergency Repairs to Pump Station #3. 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. Work is complete. LBBLD's request for reimbursement has been submitted to FEMA.
- 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, FEMA has requested additional information regarding the method used by WS Nelson for the construction cost estimates. On 4/3/12, LBBLD Interim Executive Director met with representatives of WS Nelson to discuss this matter.
- 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 have been under review by LBBLD staff and attorney and representatives of Atkins Global. Bid document modifications are 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 before moving to construction.
- 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 DOTD and was subsequently provided to FEMA. Several options are being considered regarding development of plans and specifications.
- 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 permitting is needed for the project. Several options are being considered regarding development of plans and specifications.

CANALS:

- Maintenance Crews:
 - Are continuing to remove water hyacinths from intake basin at PS #8.
 - Have completed vegetation management on all canal crossings and water hyacinths in 40 Arpent Canal from Meraux PS #7 to Violet PS #4 via the LBBLD Airboat.

VIOLET SIPHON:

- Both tubes are currently flowing

HIGH RIVER EVENT:

- As of 3/18/12 we are currently in First Stage of the High River Alert on the Mississippi River Levee system. Regular Inspections are ongoing.
- MRL inspection reports are being faxed regularly to USACE and SLFPA-E.
- Monitoring of Carrollton Gauge at New Orleans occurs daily.
- LBBLD maintenance crews have made additional temporary repairs to damaged MRL slope paving in Arabi near Port Ship Services, at approximate Levee Station 21+00.