



REPLY TO  
ATTENTION OF

**DEPARTMENT OF THE ARMY**  
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS  
P. O. BOX 60267  
NEW ORLEANS, LOUISIANA 70160-0267

MAR 24 2015

Operations Division  
Operations Manager, Completed Works

Mr. Chip Kline  
Chairman  
Coastal Protection and Restoration Authority  
Board of Louisiana  
900 North Third Street  
State Capitol – 4<sup>th</sup> Floor  
Baton Rouge, Louisiana 70802

Dear Mr. Kline:

You are hereby informed that the contract for the Lake Pontchartrain and Vicinity (LPV), Hurricane and Storm Damage Risk Reduction System, LPV-145, Chalmette Loop Levee – Bayou Bienvenue to Bayou Dupre (W912P8-09-C-0084), in St. Bernard Parish, Louisiana, has been completed. This project was completed by the United States pursuant to Public Law 109-234, Emergency Supplemental Appropriations Act for Defense, the Global War on Terror, and Hurricane Recovery 2006.

A final inspection of the project was conducted on December 16, 2014, and all contract work was performed in accordance with the approved plans and specifications and meets the 100-year event design criteria. For operations and maintenance guidance, refer to the interim operation, maintenance, repair, replacement, and rehabilitation (OMRR&R) manual, Volume 1 and Volume 2, previously provided to you. Please note, Volume 3 of the OMRR&R manual will be provided in the near future which will provide the final OMRR&R information associated with above referenced contract. Please see enclosed the following items:

- a. As-built contract drawings – Enclosure 1
- b. Construction completion survey data, top of wall assessment for St. Bernard Parish floodwalls – Enclosure 2
- c. Final inspection attendance roster – Enclosure 3

The punch list items identified during the pre-final inspection have been corrected and inspected by representatives of the Coastal Protection and Restoration Authority Board of Louisiana (CPRAB), formerly known as Coastal Protection and Restoration Authority (CPRA), and by our office. The Bermuda grass has been established and with proper maintenance should continue to improve in density and root structure.

The construction completion survey data includes a table presenting elevations at stations that can be compared to the construction plans. The data represents a centerline profile of the floodwall/floodgates. The survey data reflects the elevations of the floodwall/floodgates are within the tolerance of the elevations required by the construction plans.

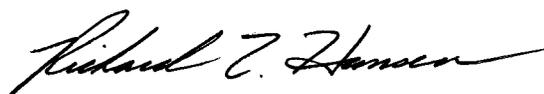
As you are aware, the New Orleans District is in the process of carrying out ongoing investigations to determine the potential impacts of the settlement induced bending moment (SIBM) on this portion of the project. The results of the investigations, which should be available in early 2015, will be shared with CPRAB. We are also moving forward with adding monitoring equipment to the floodwall and adding a long term monitoring program to the OMRR&R manual, which has been coordinated with your office, to measure corrosion, settlement, and pile stresses. Existing case studies, based on field monitoring and structural and geotechnical evaluations, have shown SIBM numerical analysis to be conservative. Thus, the intent is to provide SIBM analysis with field verification to ensure reasonable engineering conclusions in any future structural and geotechnical re-analysis.

As previously stated, this portion of the project meets the 100-year event design criteria; however, should the Department of the Army, in its sole discretion, conclude, as a result of the investigations, that this portion of the project would not meet the current design criteria for a future condition SIBM, the Department will consider undertaking such actions as the Department determines to be necessary and appropriate within the confines of existing law and policy in effect at the time the action may be undertaken. If existing authorities and funding do not support the determined actions, then the Army will follow normal processes regarding authority and appropriations.

In accordance with the Project Partnership Agreement between the Department of the Army and CPRA (now known as CPRAB) dated September 22, 2008, CPRAB shall undertake the OMRR&R of this completed project feature of the Lake Pontchartrain and Vicinity, Hurricane and Storm Damage Risk Reduction System in St. Bernard Parish. In this connection, maintenance is construed as keeping all completed works in working condition to serve the purpose for which they were designed.

If there are any questions concerning your OMRR&R responsibilities, please call Ms. Amy Powell, Operations Manager, Completed Works, or Ms. Karen Clement, Assistant Operations Manager, Completed Works, at (504) 862-2241 and (504) 862-2313, respectively.

Sincerely,



Richard L. Hansen  
Colonel, U.S. Army  
District Engineer

Enclosures

cc: (w/enclosures)

Mr. Stephen Estopinal  
President  
Southeast Louisiana Flood Protection Authority - East  
UNO Technology Park  
CERM Building Room 422  
2045 Lakeshore Drive  
New Orleans, Louisiana 70122

Mr. Nicholas Cali  
Executive Director  
Lake Borgne Basin Levee District  
Post Office Box 216  
Violet, Louisiana 70092

Mr. Ignacio Harrouch  
Chief of Operations  
Coastal Restoration and Protection Authority  
Post Office Box 44027  
Baton Rouge, Louisiana 70804-4027

cc: (w/enclosures)

Mr. Kyle Graham  
Executive Director  
Coastal Protection and Restoration Authority  
Post Office Box 44027  
Baton Rouge, Louisiana 70804-4027

Mr. Dustin White  
Project Manager – Project Management Division  
Coastal Protection and Restoration Authority  
Post Office Box 44027  
Baton Rouge, Louisiana 70804-4027

Mr. Billy Wall, P.E.  
Operations Supervisor  
Coastal Protection and Restoration Authority  
Post Office Box 44027  
Baton Rouge, Louisiana 70804-4027

Mr. Clifton Bingham  
General Counsel  
Coastal Protection and Restoration Authority  
Post Office Box 44027  
Baton Rouge, Louisiana 70804-4027