



PUMP STATION REPAIRS

August 2015

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG®

Public safety is the Corps of Engineers' top priority. Congress has fully authorized and funded the Hurricane and Storm Damage Risk Reduction System (HSDRRS) for southeast Louisiana. The \$14.45 billion HSDRRS includes five parishes and consists of 350 miles of levees and floodwalls; 73 non-Federal pumping stations; 3 canal closure structures with pumps; and 4 gated outlets.

Project Summary

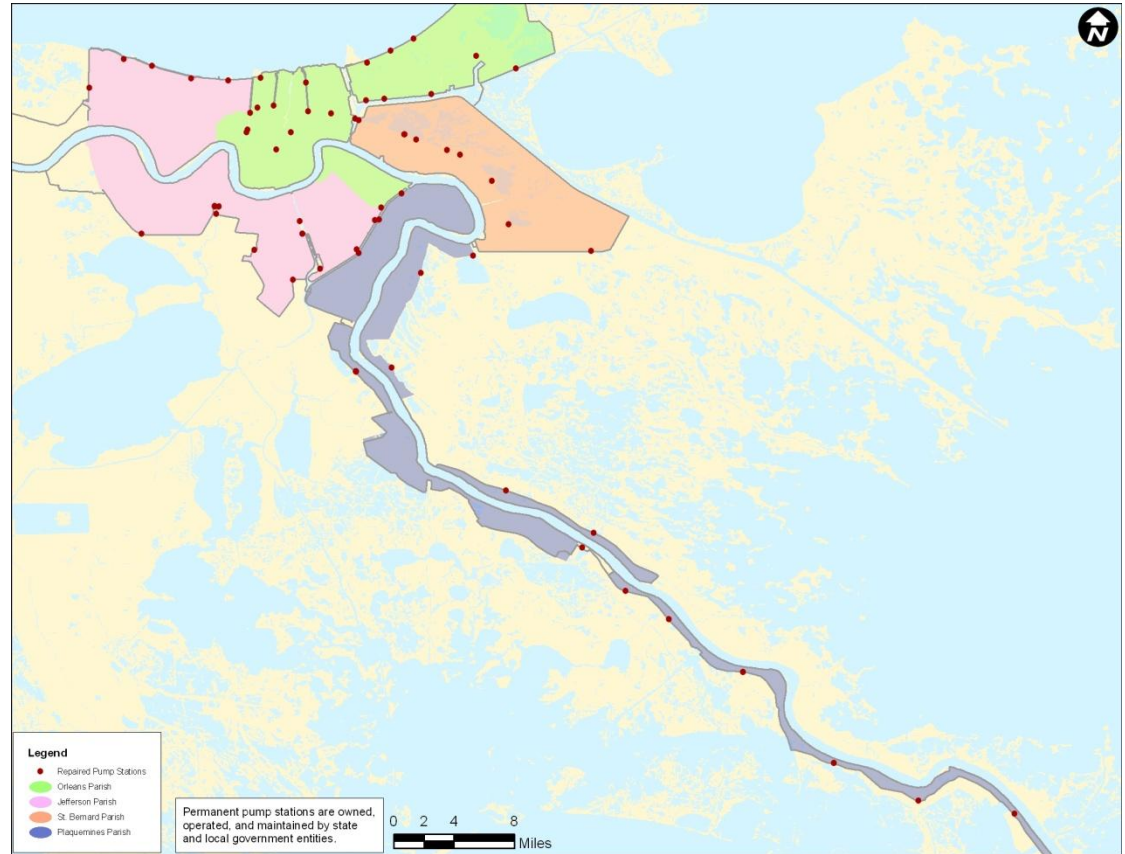
Dozens of pump stations in the greater New Orleans area were damaged – and some inoperable – as a result of Hurricane Katrina's storm surge. Following Hurricane Katrina, Congress authorized the Corps of Engineers to repair 61 damaged pump stations in Orleans, Jefferson, St. Bernard and Plaquemines parishes so that the interior drainage system could be restored to its full capacity.

In particular, the Corps repaired 23 pump stations in Orleans Parish at a cost of \$66.2 million, 17 pump stations in Jefferson Parish at a cost of \$2.7 million, 13 pump stations in Plaquemines Parish at a cost of \$26.5 million, and 8 pump stations in St. Bernard Parish at a cost of \$27.6 million. The total estimated cost for the pump station repairs is \$123 million.

In addition to the pump station repair work, Congress authorized the Corps to storm proof up to 49 pump stations in Orleans and Jefferson parishes so that they can remain operational during hurricanes, tropical storms and high water events. Storm proofing work is ongoing.

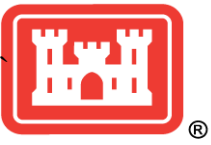
Project Features

Pump station repair work includes rebuilding electric motors, horizontal and vertical pumps; rewinding coils for frequency changers; repairing roofs, gear boxes, trash rakes and fuel systems; replacing wiring, diesel engines and electric motors; and other miscellaneous civil, electrical and mechanical repairs.



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7400 Leake Avenue, New Orleans, LA 70118 | www.mvn.usace.army.mil
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Status

St. Mary's Pump Station in St. Bernard Parish was the last pump station to be repaired by the Corps, and that work was completed in March 2011.



Installation of vertical pump at Elaine Street Pump Station in Orleans Parish



Rebuilding of the horizontal pump at Scarsdale Pump Station in Plaquemines Parish



Refurbished pumps at Guichard Pump Station in St. Bernard Parish



Roof repairs at Bonnabel Pump Station in Jefferson Parish

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