

First Colony Levee Improvement No. 2

Timeline of Levee Operation and Maintenance Activities since 2007

LID #2

Date	Action / Milestone
2007-2008	FCLID 2 Raises 1,200 LF of Perimeter Levee in Response to the Fort Bend County Brazos River Remapping.
2009	FCLID 2 rehabs generator and installs larger diesel fuel tank.
February 2012	FCLID 2 hires Champions Hydro-Lawn for mowing, fertilization, and debris pick-up services.
May 2012	FCLID 2 hires Jones Carter as the District's Engineer.
July 2012	FCLID 2 retires \$245,000 in Bonds (Series 1997) from operating funds in advance of maturity date (Year 2015).
November 2012	FCLID 2 Installs Groundwater Well and Irrigation System for Perimeter Levee to ensure positive vegetation growth during droughts and/or the summer months.
December 2012	FCLID 2 hires Storm Water Solutions as the District's Operator.
February 2013	FCLID 2 installs load bank at Pump Station which allows the Operator to test the generator under load on a weekly basis.
February 2013	FCLID 2 purchases 960 FloodSax for flood fighting. FloodSax are temporarily stored at FBLID 14 until storage building is constructed.
May 2013	Due to limited pump run times, FCLID 2 removes and ships both 22,000 gpm pumps to MWI for testing. Pumps are found to be within design parameters and are reinstalled at station.
May 2013	FCLID 2 retires \$455,000 in Bonds (Series 1997) from operating funds in advance of maturity date (Year 2013-2014).
June 2013	FCLID 2 starts to develop a Emergency Action Plan.
August 2013	FCLID 2 participates in FBC's first Levee Table Top Exercise.
November 2013	FCLID 2 officially adopts their Emergency Action Plan.
March 2014	FCLID 2 purchases AquaFence for the purpose of field testing the District's Pump Station.
March 2014	FCLID 2 retires \$330,000 in Bonds (Series 2003) from debt and operating funds in advance of maturity date (Year 2014-2015).
April 2014	FCLID 2 develops their 6 year (2020) Capital Improvements Plan (CIP).
April 2014	FCLID 2 holds their first "dry weather" pump station test using AquaFence. At least 90% of the water used during the test is returned to Alcorn Lake.
June 2014	FCLID 2 performs first Megger Test at the Pump Station.
September 2014	FCLID 2 televises Gravity and Pump Outfalls through levee to check condition. Pipes were found to be in good working condition with only minor joint sealing required.
October 2014	FCLID 2 installs 6 cameras around the stormwater pump station. The purpose of the cameras is for security as well as monitoring maintenance and operation activities.
November 2014	FCLID 2 purchases 3 radios from Motorola and has them programed by the City of Sugar Land and Fort Bend County Sheriff's Office. FCLID 2
December 2014	FCLID 2 completes construction of storage building and well house to house their flood fighting equipment and use as their EOC during events.
December 2014	FCLID 2 purchases SandBagger and 8,000 empty sand bags for flood fighting.
December 2014	FCLID 2 purchases Kubota RTV-X900WL-H to assist in maintenance inspections and flood fighting.
January 2015	FCLID 2 recoats their 5 slide gates and 6 flap gates at the main outfall.
March 2015	FCLID 2 participates in FBC's second Levee Table Top Exercise.
May 2015 - June 2015	FCLID 2 actively operates their levee and pump station in response to the flood event that occurred on and after the Memorial Weekend rain event. This included 24 hour operations by the District's Operator, Stormwater Solutions. The annual test was not held since the pumps were exercised during event.
June 2015	FCLID 2 Installs new staff gauges on the inside and outside of the levee.
July 2015	FCLID 2 Installs a 7 th camera to observe the outfall condition and elevations on the outside of the levee.
September 2015	FCLID 2 readopts revised Emergency Action Plan which was modified based on lessons learned during May 2015 Event.
October 2015 - November 2015	FCLID 2 actively operates their levee and pump station based on their revised Emergency Action Plan in response to the October rain events.
November 2015	FCLID 2 seals two joints within the pump discharge piping as a precaution based on discussions with the USACE.
April 2016	FCLID 2 replaces their Automatic Transfer Switch due to age and conditions in addition to the Main Disconnect.