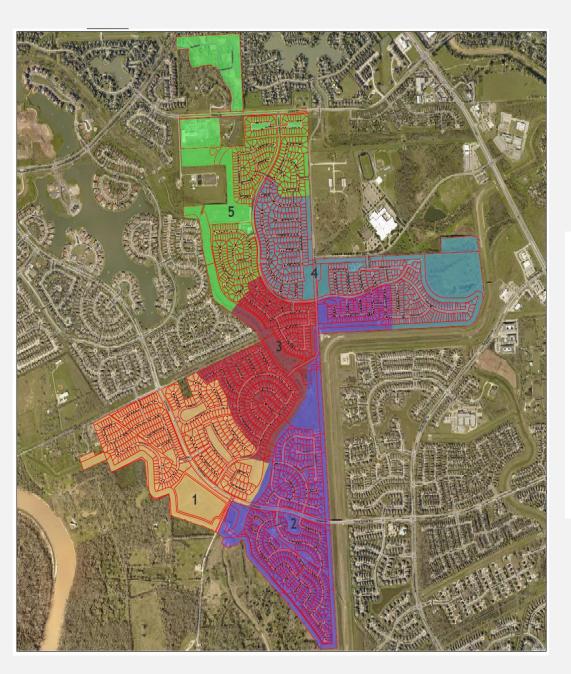
FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 19

Community Meeting

November 12, 2019

COMMUNITY MEETING AGENDA

- Welcome Remarks
- 2. Introduction of County Commissioner
- 3. Introduction of LID 19 Directors
- 4. Guiding Principles
- 5. Levee and Drainage System
- 6. Flat Bank Creek Erosion
- 7. District Projects
- 8. District Financial Review
- 9. Risk Rating 2.0
- 10. District Communications
- 11. Comments and Questions



LID 19 DIRECTORS



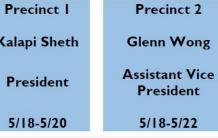








Kalapi Sheth President 5/18-5/20



Precinct 3 John Arndt Assistant Secretary 5/18-5/22

Precinct 4 Dean Cooper Vice President 5/18-5/20

Precinct 5 Radhika Iyer Secretary 5/18-5/22

LID 19 GUIDING PRINCIPLES

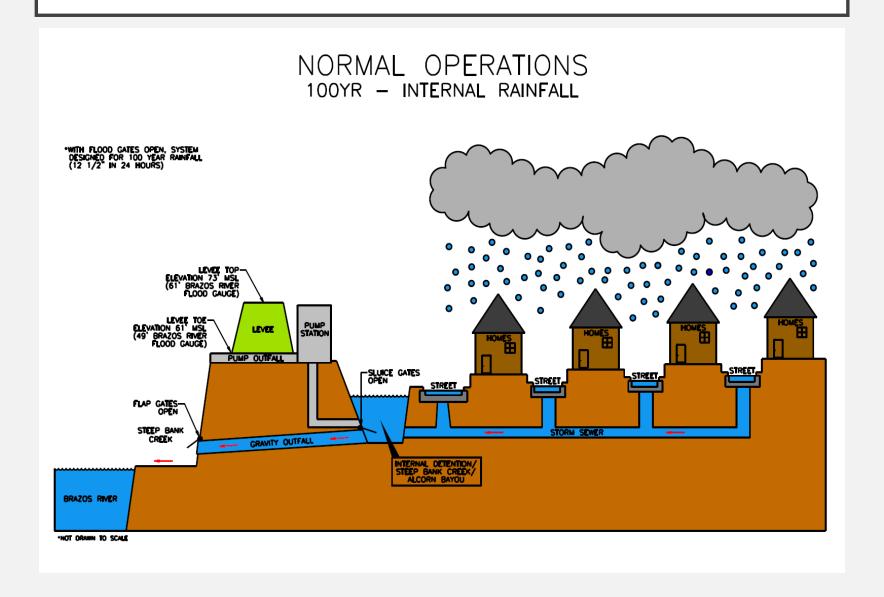
- I. Maximize flood prevention and control within LID 19 within the constraints of available financial and operational resources.
- 2. Maintain levees and other related flood protection infrastructure in excellent condition.
- Identify and execute projects efficiently to improve flood prevention and control within LID 19.
- 4. Engage qualified providers and vendors of services (engineering, operating, accounting, legal, etc) necessary for LID 19 operations and conduct periodic evaluation of the competitiveness and quality of services provided.
- 5. Manage and monitor LID 19's finances, including active review of budgets, expenditures, revenues, and long-term financial planning.
- 6. Consider ways to accomplish cost savings while maintaining quality of services or products to potentially reduce LID 19's tax rates.
- 7. Maintain effective communications with LID 19 residents and other governmental entities, including Fort Bend County, Missouri City, Sugar Land, and other levee improvement districts, during both normal operations and during severe weather or potential flood events.
- 8. Monitor potential changes in federal and state laws and regulations and evaluate any potential impact on the LID 19's residents.
- 9. Minimize or avoid expenditures or resources that do not relate to legally binding requirements or issues unrelated to flood prevention and control and water management, such as "quality of life" or "convenience" issues.

INTERESTING LID 19 FACTS

- LID 19 Area size Approximately 817 acres
- Total number of homes in LID 19 Approximately 1950 homes
- Total linear length of district levee 4.8 miles
- Outstanding bond debt \$39,395,000

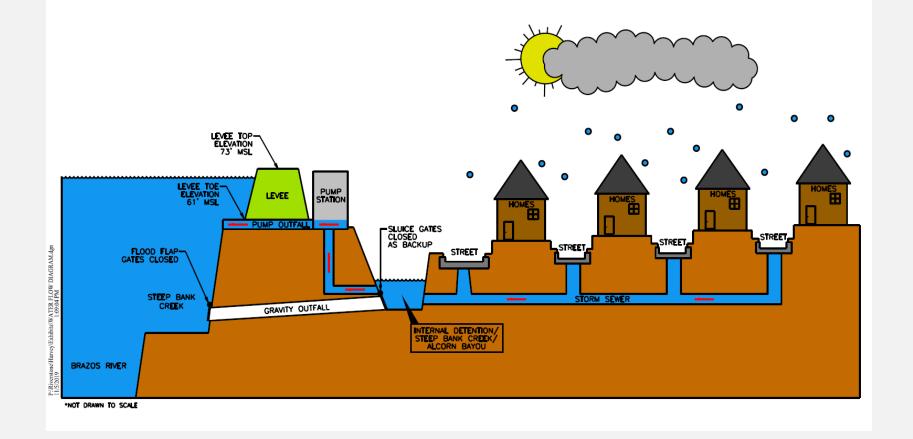
DISTRICT LEVEE AND DRAINAGE SYSTEM

LID 19 LEVEE SYSTEM



LID 19 LEVEE SYSTEM

NORMAL OPERATIONS 100YR - BRAZOS RIVER FLOOD LEVEL

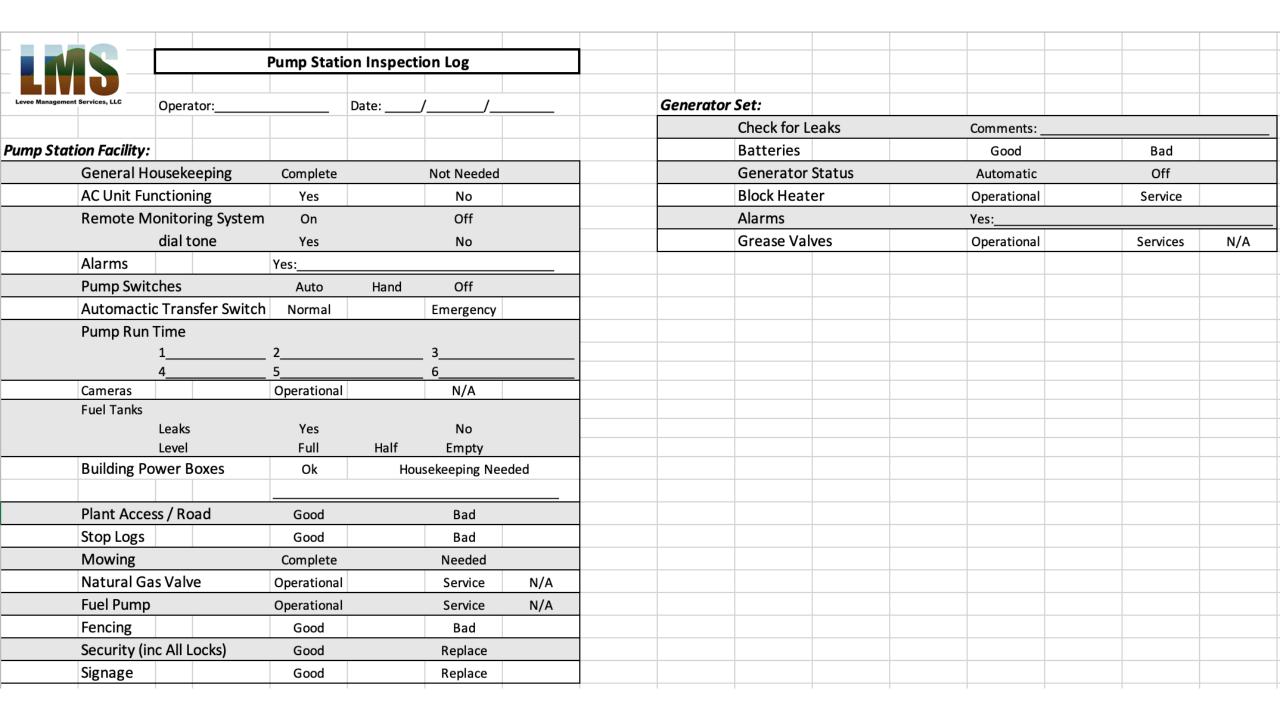


STEEP BANK CREEK PUMP STATION PUMPING CAPACITY

- Current pump capacity: $4 \times 20,000$ gallons per minute (gpm) pumps = 80,000 gpm total
- Supplemental pumps: $5 \times 5,000$ gpm pumps + $7 \times 8,000$ gpm pumps = 81,000 gpm total
- SBC pump station expansion project: $3 \times 50,000$ gpm pumps = 150,000 gpm total

NOTE: One 20,000 gpm pump is treated as a spare pump under the current capacity. After the expansion, one 50,000 gpm pump will act as the spare pump.

Fort Bend LID 19	(Rivers	tone)				Turf Maintenance (Monthly Inspections)			
	Grade	Q1	Q2	Q3	Q4	Mowing Cycle Performed			
Report for (Month)						String Trimming Performed			
						Ant Control Applied			
Levee Embankment/Tops (Weekly Inspections)						Agronomist/Soil Testing			
Dessication Cracking						Fertilizer Applied			
Pig Rutting						Herbicide Applied			
Livestock Grazing						Overseeing of Bermuda			
Burrowing Animals						Overseeing of Winter Rye			
Rutting (Tire Tracks/Unauthorized Traffic)								<u>.</u>	
Slope Erosion						General Maintenance (Monthly Inspections)			
Slope Failures						Gates, Locks, Fences, and Bollards			
						Signage/Mapping			
General ROW Items (Weekly Inspections)						District/Operator Signs			
Levee Drainage Conditions						Pipeline/Utility Crossing Signs			
Backslope Swales									
Storm Inlets						Pump Stations (Daily Inspections)			
Encroachments (Fences/Landscaping/Mowing/Other)						Generator Inspections (Tested Weekly)			
Trees & Brush in ROW						Generator Preventative Maintenance Completed			
Condition of Turf (Height, Weeds, Overall Health)						Generator Load Bank Test			
						Transfer Switch Inspection			
Outfalls/Gates (Weekly Inspections)						Transfer Switch Test			
Concrete Surfaces (Cracking/Spalling/Shifting)						Transfer Switch Preventative Maintenance			
Flap Gates						Fuel Tank Inspection			
Flap Gate Debris						Diesel Fuel Maintenance (Yearly)			
Flap Gate Operable						Test Pumps (TBD)			
Sluice Gates						Cleanliness			
Sluice Gate Debris						Building Inspection			
Sluice Gate Operable						Outside Lighting			
Emergency Gates									
Condition of Gates									Ī
Condition of Raceway for Gates									Ī
Gates Preventative Maintenance Perform this month						USACE Rating:	s: - Acceptable (A)		
							- Minimally Acceptable (MA)		
							- Unacceptable (U)		
							Not Applicable (N/A)		



FLAT BANK CREEK EROSION

FLAT BANK CREEK EROSION



FLAT BANK CREEK EROSION



FLAT BANK CREEK EROSION REPAIRS



DISTRICT PROJECTS

PROJECTS COMPLETED SINCE HURRICANE HARVEY

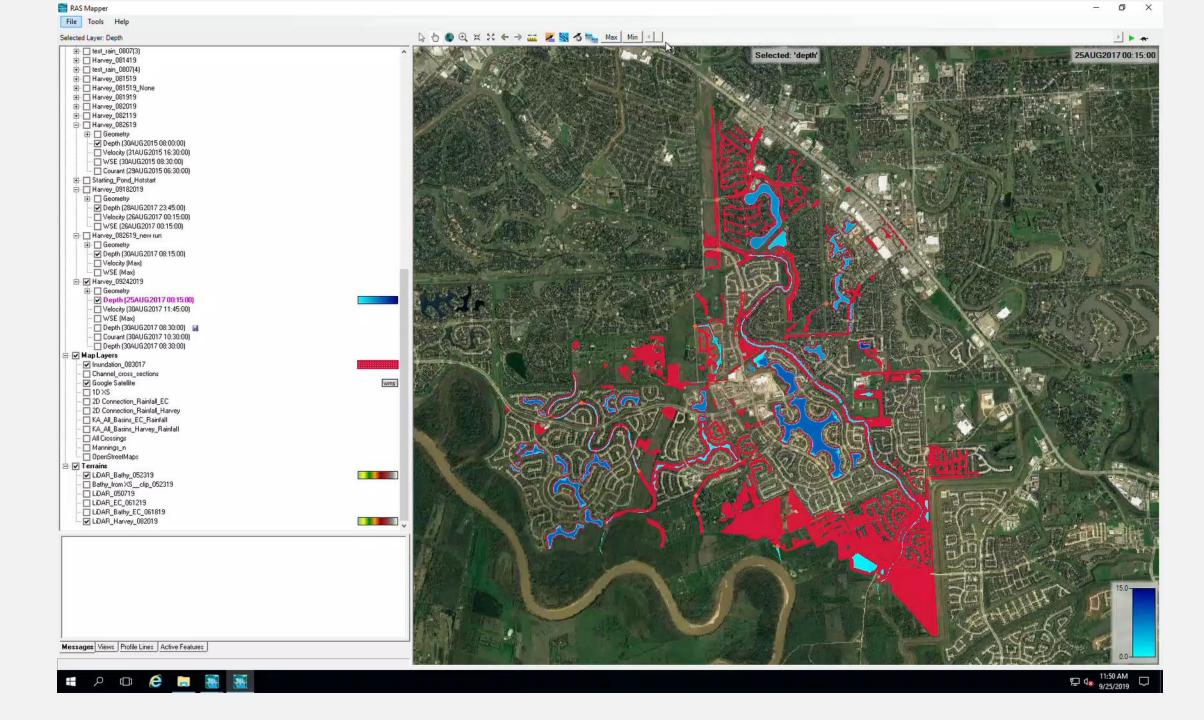
- Staff gauges
- Emergency notification system and independent website design
- Purchase of supplemental pumps
- Storage for supplemental pumps
- Hardening of levee top near Steep Bank Creek pump station
- LED emergency notification sign on LJ Parkway
- Additional emergency communication systems (walkie-talkies)

PROJECTS IN PROGRESS

- Steep Bank Creek pump station expansion
- Steep Bank Creek Watershed Regional Modeling Project
- Hagerson Road watershed interconnect (Steep Bank Creek to Snake Slough)
- Data logging at Steep Bank Creek pump station

FUTURE PROJECTS

- Regional Flood Protection Project
- University Boulevard watershed interconnect (Steep Bank Creek to Alcorn Bayou)
- Lighting improvements at the Steep Bank Creek pump station
- Emergency Operations Center



DISTRICT FINANCIAL REVIEW

LID 19 FINANCIAL OVERVIEW

- Appraisal value of the district \$722,158,481
- 2019 Tax rate \$0.68
- Outstanding bond debt \$39,395,000

SERIES 2019 \$10,725,000 LEVEE IMPROVEMENT BONDS

Proposed Project	Amount Allocated*
Grove at Riverstone – Detention and Mass Grading	\$723,088
Steep Bank Creek – Pump Station Expansion	\$3,050,591
Snake Slough/Steep Bank Creek Interconnect	\$542,522
Alcorn Bayou/Steep Bank Creek Interconnect	\$349,650
Levee Hard Surfacing	\$3,200,496
Emergency Operations Center	\$345,000
Emergency Signage	\$138,000
Storage Building for Mobile Pumps	\$30,774
Steep Bank Creek Drainage Analysis	\$300,000

^{*}Amount allocated is subject to change.

What is Risk Rating 2.0?

- FEMA's new method to calculate insurance premiums by implementing new factors that accurately reflect a property's flood risk.
- The purpose of the program is increase premium revenues to keep pace with flood damage claims.
- The program may lead to lower premiums for houses with lower flood risks and higher premiums to houses with high flood risks.
- New rates for single-family homes go into effect October 1, 2021.

CURRENT RATING SYSTEM

- The house's location on the Flood Insurance Rate Map
- Base flood elevation

INSURANCE PREMIUMS UNDER RISK RATING 2.0

- Type of flood risk
- House's proximity to coast or water source
- Cost to rebuild the house
- Other unknown factors

COMMISSIONER KEN DEMERCHANT'S PETITION

- The goal of the petition is to request that FEMA—
 - Provide transparency throughout the risk rating adoption process
 - Give stakeholders the opportunity to provide input in developing Risk Rating 2.0 before its adoption

PLEASE SIGN PETITION TODAY!

Petition is set up on iPads stationed at the back of the meeting room

WEBSITE LINK TO THE PETITION IS ALSO AVAILABLE AT FBLID 19.COM

DISTRICT COMMUNICATIONS

DISTRICT COMMUNICATIONS

Sign up for email alerts on www.fblid19.com.

Text LID19 to 474747 to receive text alerts.

or

Sign Up for Email or Text Alerts

For Text Alerts, text **LID19** to **474747**to receive
important news and emergency
notifications via text.

For **Email Alerts**, complete the form below.

Enter your email

Enter first name

Enter last name

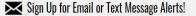
Sign Up

meeting and meet their LID 19 Director MailMunch

DISTRICT WEBSITE

Visit the district website at fblid19.com to stay updated on your district!







LID 19 Community Meeting

October 30, 2019 by FBLID 19

LID 19 Directors will be holding a community meeting at the Riverstone Clubhouse on November 12, 2019 at 7pm. Residents are encouraged to attend the meeting and meet their LID 19 Directors and learn about the ongoing operations of the District. Please refer to www.fblid19.com or the District Facebook page for upcoming information.

Posted in: Latest News

LID 19 Tax Rate

October 15, 2019 by FBLID 19

At the September 27th board meeting, LID 19 Directors voted to maintain the District's 2018 tax rate of 68 cents per \$100 of assessed value for the 2019 tax year. The District is primarily responsible for overseeing storm drainage and maintaining the levee system that protects homes from rising water. The District also continues to implement projects that increase resilience against flooding . The unchanged tax

Trans	late	This	We	hsite
II ullo	luco	11110	110	DOLLO

Select Language	*	

Upcoming Meetings

November 12 (Tuesday) at 7:00 PM Community Meeting Meeting Location: The Club at Riverstone 18353 University Boulevard Sugar Land, Texas 77479

November 22 (Friday) at 8:30 AM

The Board generally meets at:

The Muller Law Group, PLLC

EMERGENCY NOTIFICATION SIGNS

- IST SIGN CURRENTLY LOCATED ON LJ PARKWAY APPROACHING THE FLAT BANK CREEK BRIDGE
- FUTURE 2nd SIGN TO BE LOCATED
 ON OILFIELD ROAD NEAR
 CREEKSTONE VILLAGE DR.



COMMENTS AND QUESTIONS

THANK YOU FOR ATTENDING!