



**DREDGE THE VERMILION  
JAN 23 2020**

**BOARD MEETING**

# Agenda

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- 1. Update on latest news regarding our efforts regarding flood mitigation projects we are recommending**
- 2. Discuss timing/venue/topics/invites for a public hearing**
- 3. Update on Data mining for flood victims addresses and names for fundraising efforts**
- 4. Misc and other Business - Etc.**

# Update on latest news regarding our efforts

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## Projects and Funding Sources

1. **Vermilion River Related**
  - a) **Cypress Island Spoil Removal – LWI - Submitted by LCG Public Works as a round 1 LWI project**
  - b) **USACE Study on Dredging- USACE – Rollout of study scheduled for Feb 20<sup>th</sup> – No public meeting is scheduled**
  - c) **Coulees – LWI Project? DTV is working on strategy to get attention to need for project**
  
2. **Basin Program Henderson Lake Project – CPRA – Project is on CPRA list for late this year. Funding by LA Legislature**

# Update on latest news regarding our efforts

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## Projects and Funding Sources

**3. Bayou Courtableau USACE Study**  
**USACE and LWI – Working both funding sources for project. St. Landry Parish is submitting as an LWI Round 1 Project.**

**4. Bayou des Glaises Gate Repair-  
Replacement – LWI – Jim Landry LWI  
District 5 Steering Committee member  
for Avoyelles is handling**

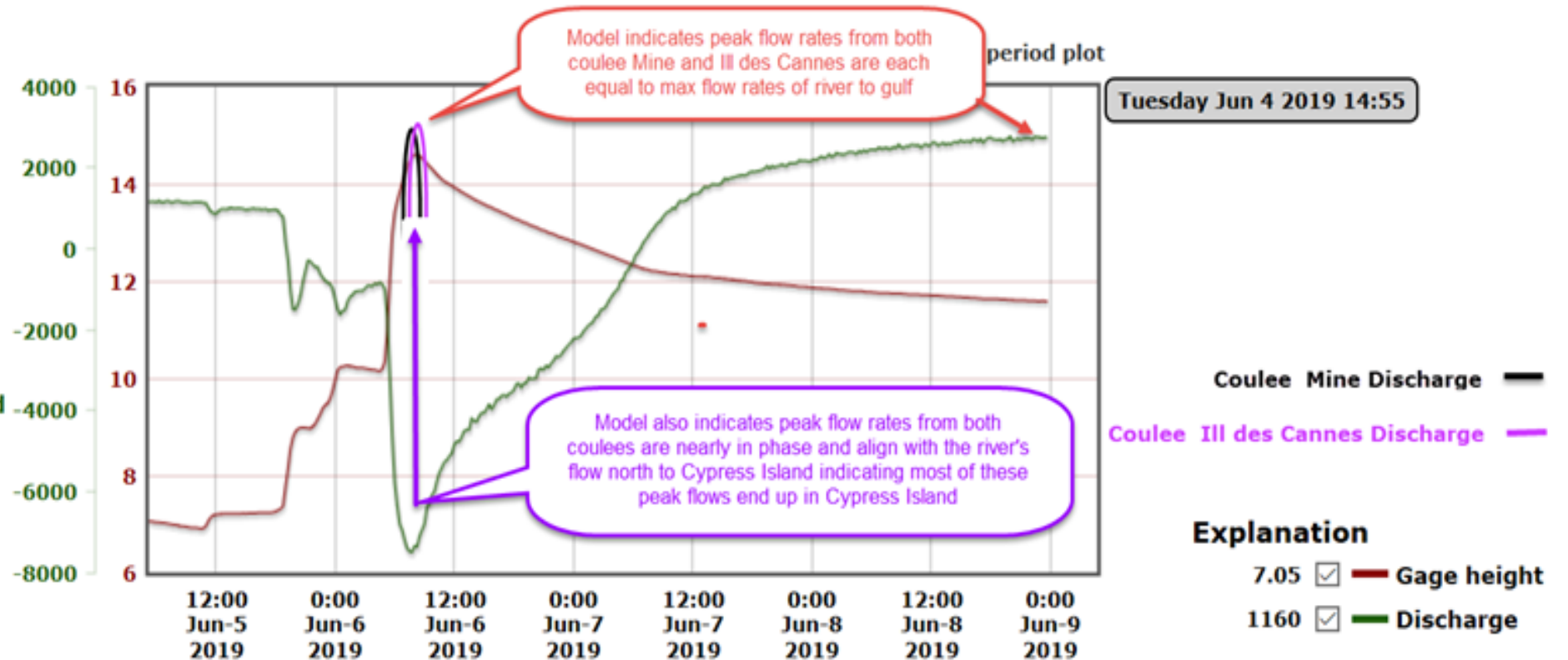
**5. Jaws Dredging and Pointe au Fer Reef  
Restoration – CPRA – Group in St. Mary  
Parish is handling these two projects  
being assisted by Fenstermaker  
Engineering**

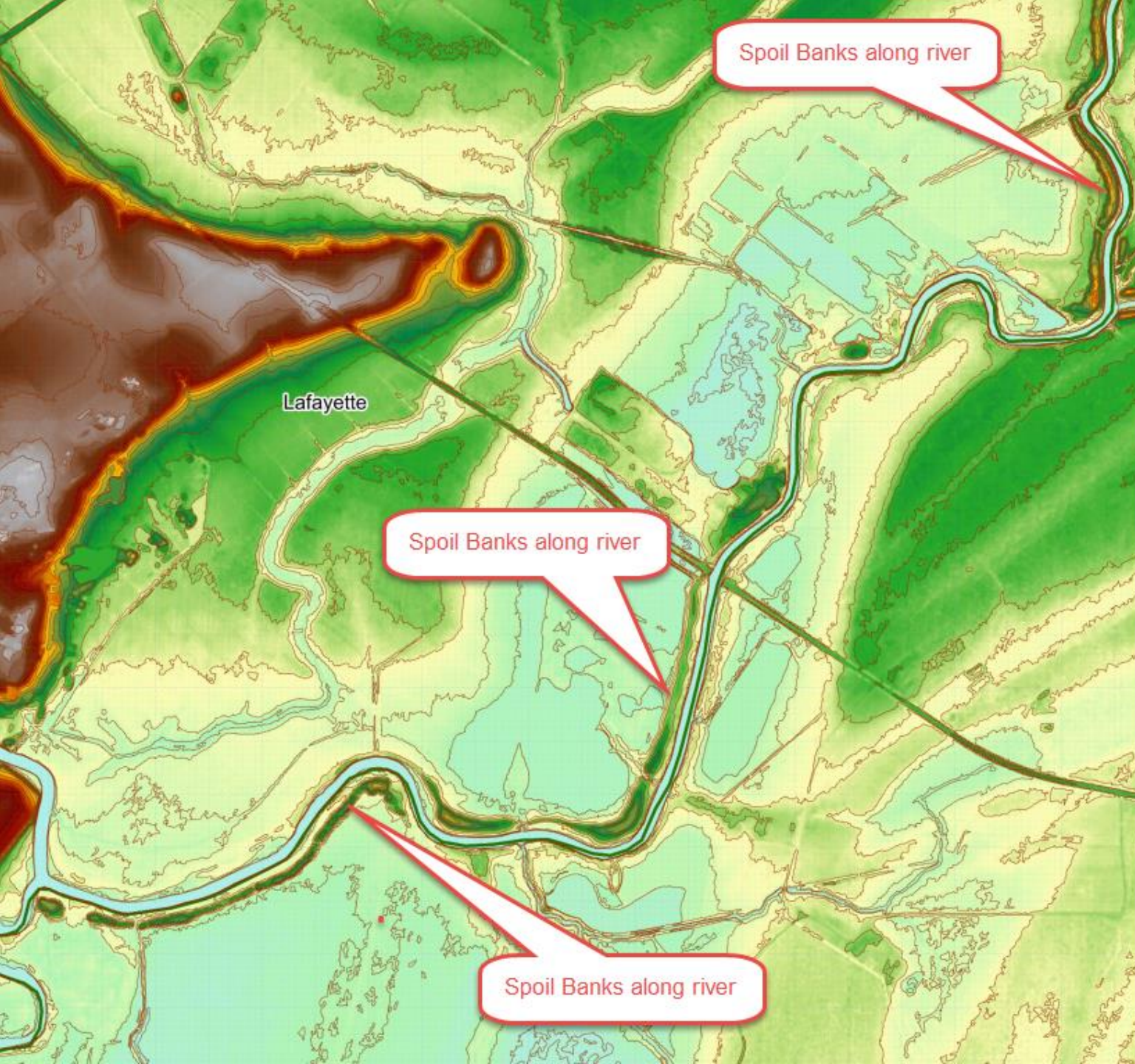
# Coulee Inflows to river

This graph illustrates the river flows during a flood event. The example is the June 6<sup>th</sup> 14.6 event. The graph shows the highest water at Surrey happens when the peak flow North happens. These peak flows dump into Cypress Island Swamp in St Martin Parish which is our natural floodplain.

USGS 07386880 Vermilion River at Surrey St. at Lafayette, LA

Gage height, feet  
Discharge, cubic feet per second





# POTENTIAL MITIGATION EFFORTS

REMOVAL OF SPOIL BANKS  
ALONG RIVER AND RUTH CANAL

STATE OF LOUISIANA

(LIDOR SURVEY 2004)

This is where the river flows North to during a flood event. Flood water enters Cypress Island Swamp in St Martin Parish near the airport. Our #1 project is to level these spoil banks to allow quicker dispersion into this natural floodplain area holding down the crest to less than 14' which will harm no one.

# Public Hearing

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- 1. Date and Time - After USACE Mtg and rollout of dredging study**
- 2. Venue TBD**
- 3. Speakers TBD**
- 4. Invitees TBD**
- 5. Sponsoring Organizations Sierra Club & Dredge the Vermilion**

# Flood Victims Data Mining Project

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Mike Lunsford

Jerimiah Supple

1. **Who? – near river residences who are at risk during a flood event**
2. **Where? - Laf Only at this time. Note quite a few residences in Vermilion Parish also fall into a river flood risk category**
3. **Flood Victims Only? – No will include at risk residences who did not flood but are at risk**
4. **Project may be expanded to all who are living in a flood map zone other than “X” that may be subject to Flood Insurance**



# Misc and Other

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- 1. DTV Meeting to brief new Council and Administration as John Guilbeau has offered to setup a meeting with the new administration and council to get a briefing on DTV regional flood management efforts.  
- Decided to defer until after USACE report on river dredging study**
- 2. Website-FB – Introduced Jennifer McKay who has volunteered to help with this effort.**
- 3. DTV Board Meeting Schedule 2020-  
Monthly? Quarterly? As needed?- Harold suggested to meet monthly**
- 4. DTV – should we recruit board members from other parishes in watershed? - Board decided to include reps from other parishes**

# DTV Action Items and next Board Meeting Date

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- 1. Tommy to work with John Guilbeau to coordinate DTV meeting with new council and administration after river dredging study rollout.**
- 2. Dave to send Tommy, Bob, and Gordon data on Bayou Courtableau-Bayou Amy gate project**
- 3. All to add and color code mark ups to data mining spreadsheet for their neighborhoods by adding at risk properties that were missed and send to Jerimiah**
- 4. Date - TBD after river dredging study**