LRAM modifications to protect coastal LA

On September 21, 2016 mitigation bank Service Areas were “re-issued” to coastal marsh banks. Using the new watersheds, some banks with less desirable restoration approaches were allowed to compete with superior banks using methods encouraged by watershed planning.

Coastal Mitigation Banks in Louisiana are awarded credits in the Louisiana Rapid Assessment Method (LRAM) without consideration of whether they are using ‘renewable sediment,’ which results in land building; adjacent sediment, which helps build land but is not ideal; or farmland, which does nothing to contribute to coastal protection.

Of the six mitigation banks in the Deltaic Plain, four derive credits from the conversion of farmland, one from dredging adjacent borrow, and one from dredging renewable sediment from the Mississippi River.

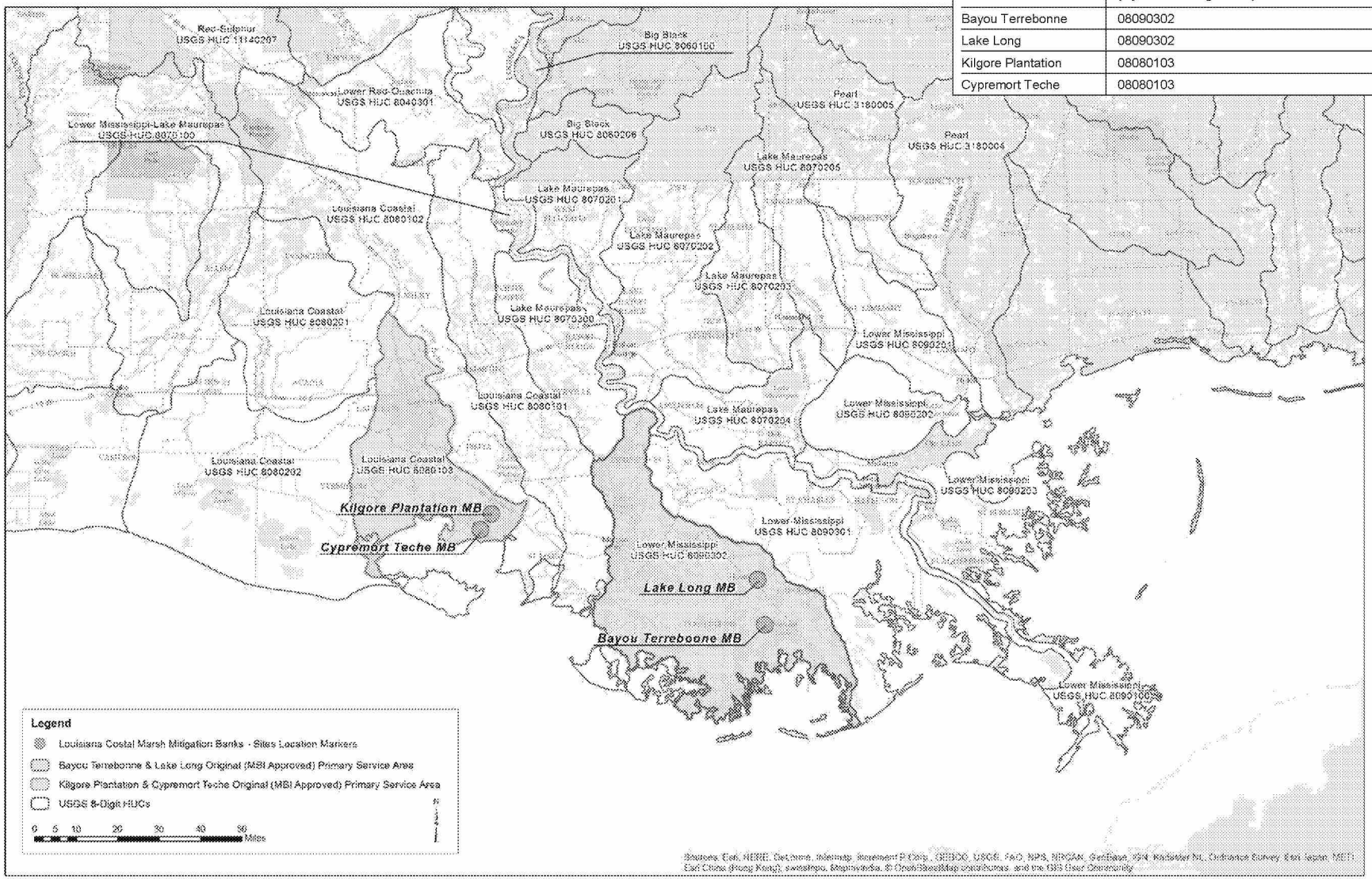
Providing new sediment to the watershed is clearly a watershed planning priority. The 2008 Mitigation Rule requires regulators to prioritize restoration approaches which contribute to attaining watershed planning goals

The previous Service Areas should be grandfathered until credits are not available and the LRAM modified to prioritize coastal protection according to planning

Deltaic Plain Marsh Mitigation Banks

Bank Locations and Primary Service Areas **Prior to** 9-21-2016

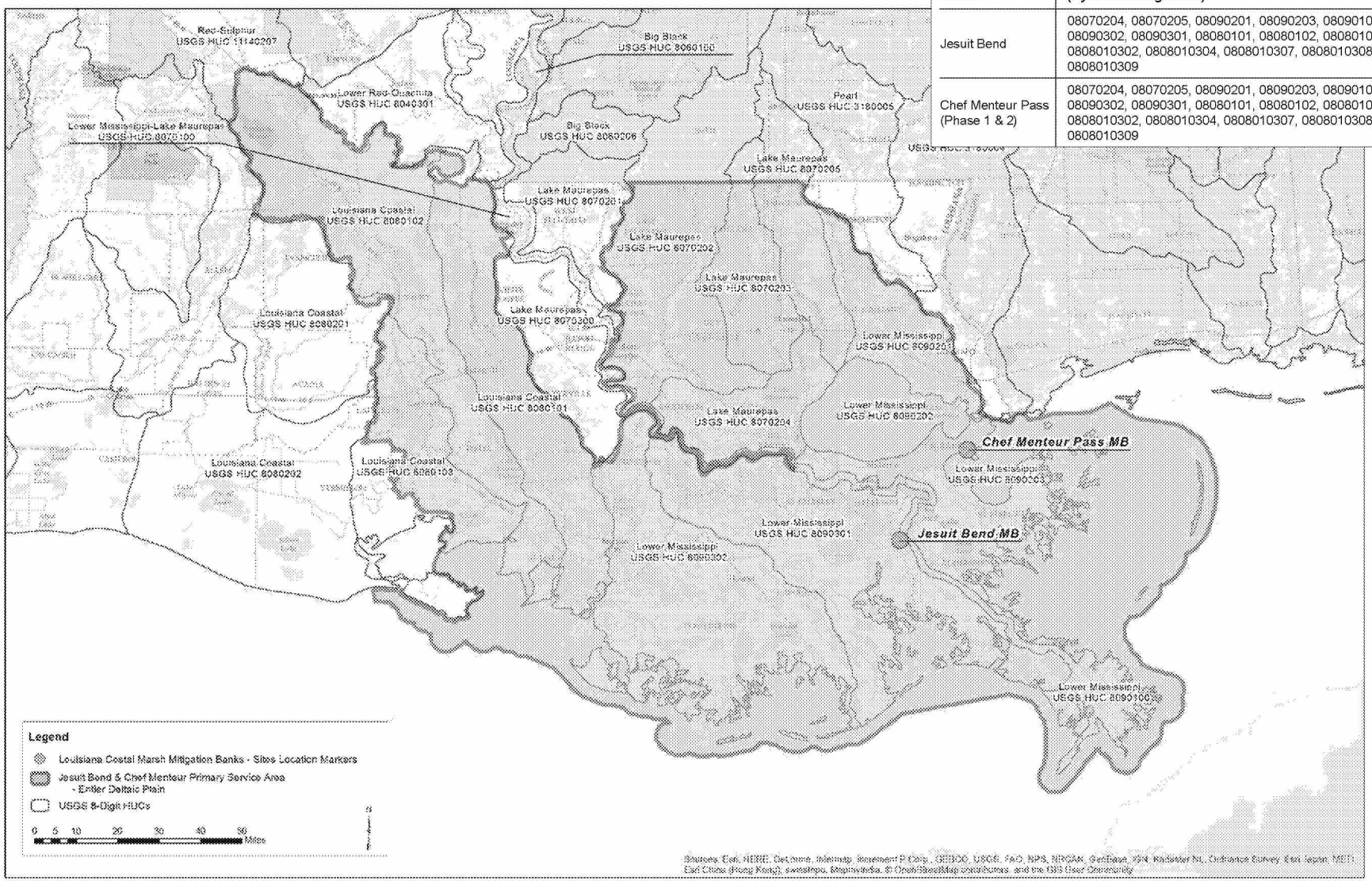
Mitigation Bank Name	Service Area for Coastal Marsh (By USGS 8-Digit HUC)
Bayou Terrebonne	08090302
Lake Long	08090302
Kilgore Plantation	08080103
Cypremort Teche	08080103



Deltaic Plain Marsh Mitigation Banks

Bank Locations and Primary Service Areas **Prior to** 9-21-2016

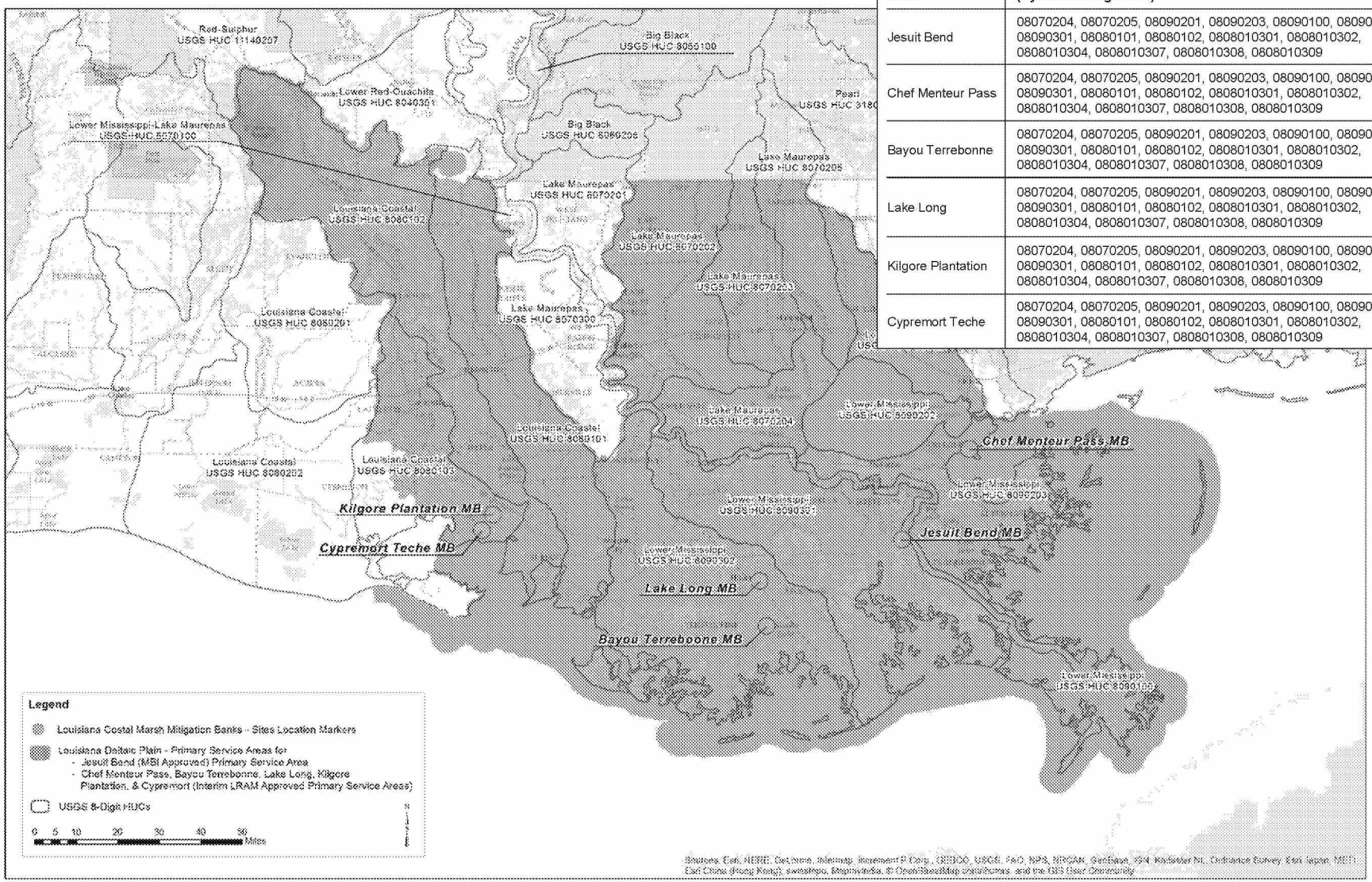
Mitigation Bank Name	Service Area for Coastal Marsh (By USGS 8-Digit HUC)
Jesuit Bend	08070204, 08070205, 08090201, 08090203, 08090100, 08090302, 08090301, 08080101, 08080102, 0808010301, 0808010302, 0808010304, 0808010307, 0808010308, 0808010309
Chef Menteur Pass (Phase 1 & 2)	08070204, 08070205, 08090201, 08090203, 08090100, 08090302, 08090301, 08080101, 08080102, 0808010301, 0808010302, 0808010304, 0808010307, 0808010308, 0808010309



Deltaic Plain Marsh Mitigation Banks

Bank Locations and Primary Service Areas **After** 9-21-2016

Mitigation Bank Name	Service Area for Coastal Marsh (By USGS 8-Digit HUC)
Jesuit Bend	08070204, 08070205, 08090201, 08090203, 08090100, 08090302, 08090301, 08080101, 08080102, 0808010301, 0808010302, 0808010304, 0808010307, 0808010308, 0808010309
Chef Menteur Pass	08070204, 08070205, 08090201, 08090203, 08090100, 08090302, 08090301, 08080101, 08080102, 0808010301, 0808010302, 0808010304, 0808010307, 0808010308, 0808010309
Bayou Terrebonne	08070204, 08070205, 08090201, 08090203, 08090100, 08090302, 08090301, 08080101, 08080102, 0808010301, 0808010302, 0808010304, 0808010307, 0808010308, 0808010309
Lake Long	08070204, 08070205, 08090201, 08090203, 08090100, 08090302, 08090301, 08080101, 08080102, 0808010301, 0808010302, 0808010304, 0808010307, 0808010308, 0808010309
Kilgore Plantation	08070204, 08070205, 08090201, 08090203, 08090100, 08090302, 08090301, 08080101, 08080102, 0808010301, 0808010302, 0808010304, 0808010307, 0808010308, 0808010309
Cypremort Teche	08070204, 08070205, 08090201, 08090203, 08090100, 08090302, 08090301, 08080101, 08080102, 0808010301, 0808010302, 0808010304, 0808010307, 0808010308, 0808010309



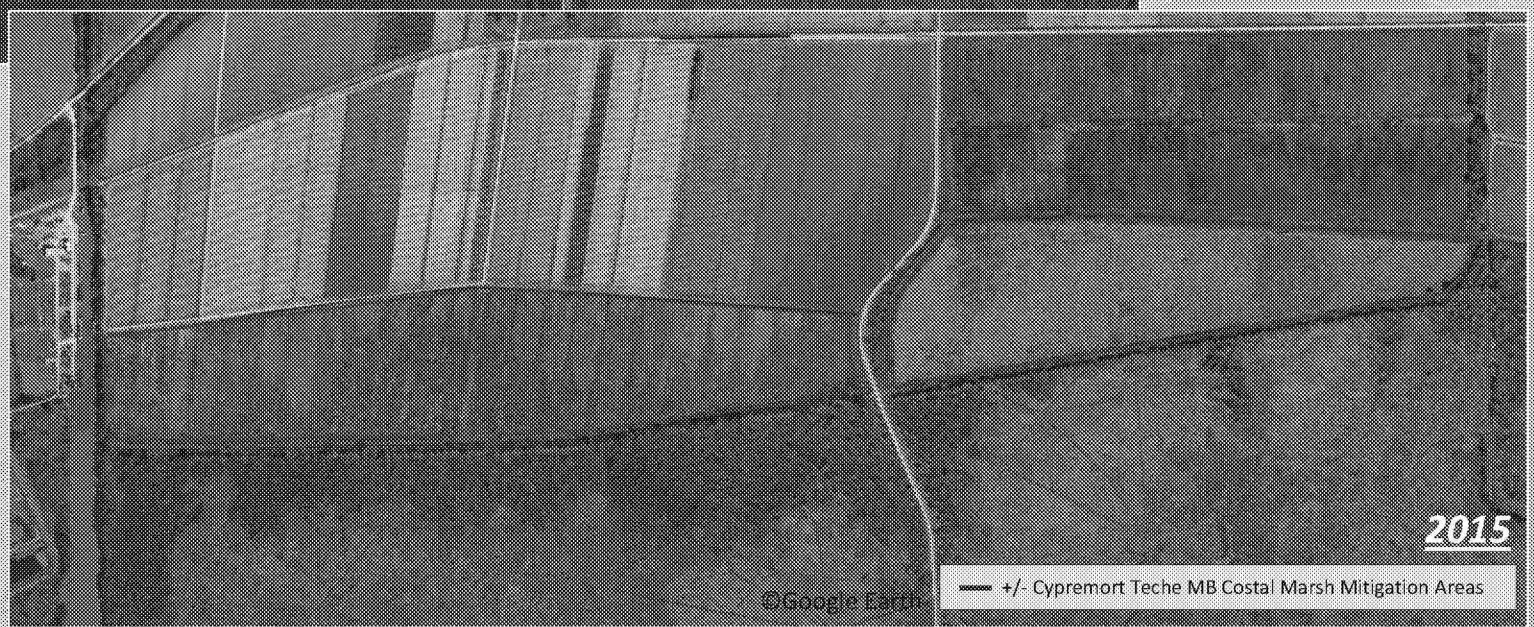
Kilgore Plantation MB

- Agricultural conversion
- Inside levees
- Perimeter ditching
- Initial hydrology manipulation
- LRAM score = 5.5

For project documents and Google Earth layers, please follow this link to a Sharefile download: http://bit.ly/2kdWS

Cypremort Teche MB

- Agricultural conversion
- Inside levees
- LRAM score = 5.6
- Perimeter ditching
- Initial hydrology manipulation



For project documents and Google Earth layers, please follow this link to a Sharefile download:
http://bit.ly/2lkrlW5

Lake Long MB

- Agricultural conversion
- Inside levees
- Perimeter ditching
- Initial hydrology manipulation
- LRAM score = 4.3

For project documents and Google Earth layers, please follow this link to a Sharefile download: http://bit.ly/2IkrlWS

Bayou Terrebonne MB

- Agricultural conversion
- Inside levees
- Perimeter ditching
- Initial hydrology manipulation
- LRAM score = ???

For project documents and Google Earth layers, please follow this link to a Sharefile download:
http://bit.ly/2lkr1WS

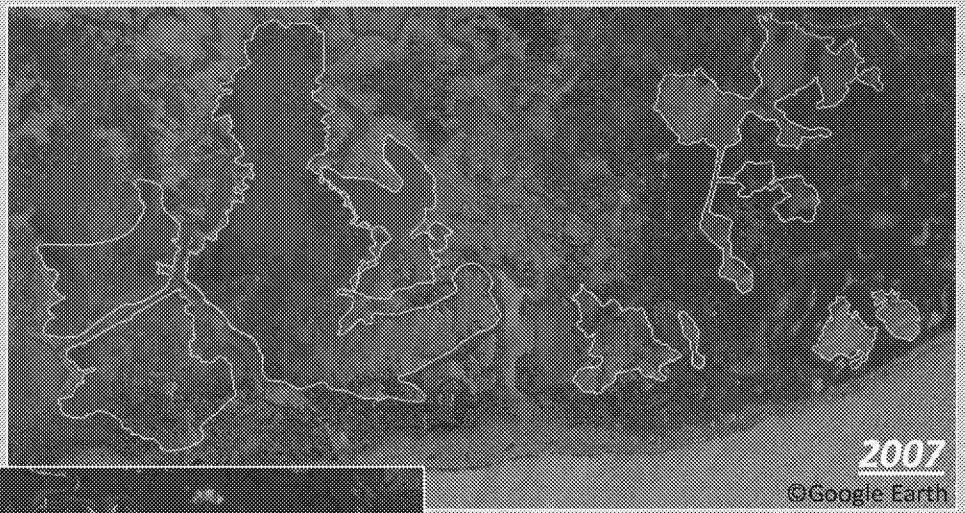
Chef Menteur Pass MB (Phase 1)

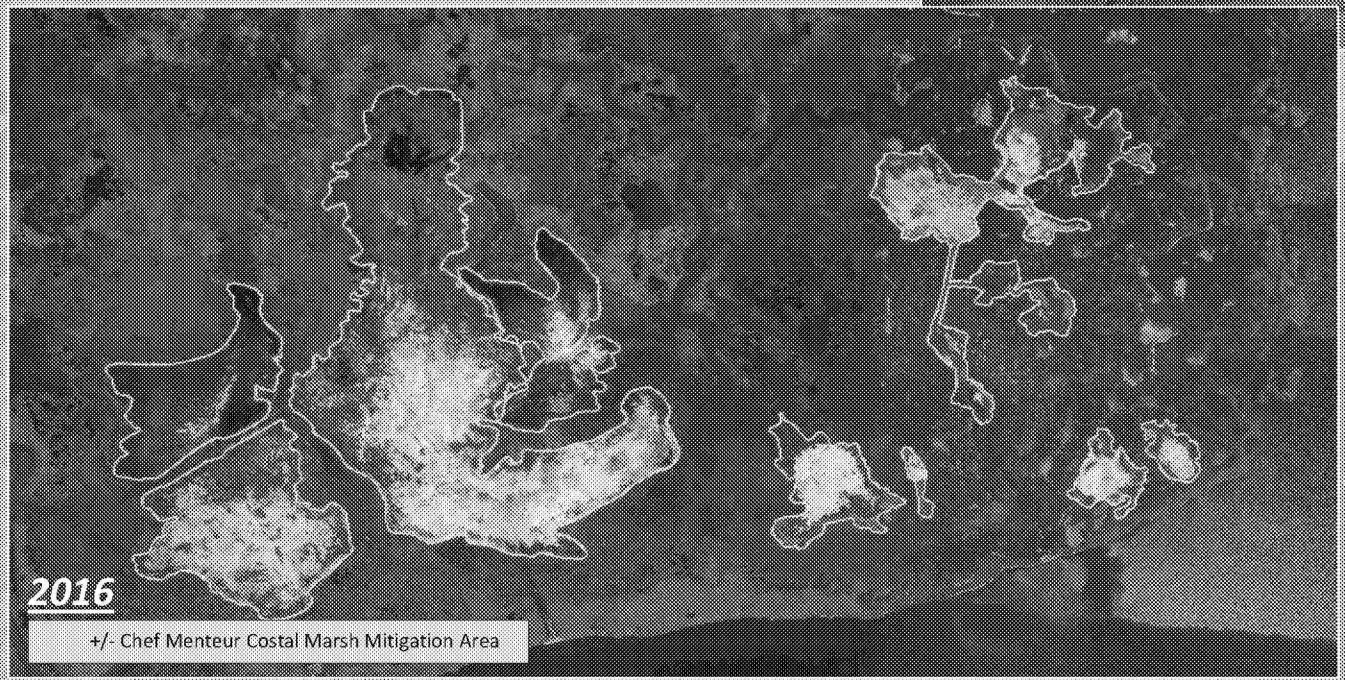
- Source material dredged from beneficial source
- Outside levees
- No perimeter ditching
- No hydrology manipulation
- LRAM score = 6.5

For project documents and Google Earth layers, please follow this link to a Sharefile download: http://bit.ly/2lkrIWS

Chef Menteur Pass MB (Phase 2)

- Source material dredged from beneficial source
- Outside levees
- No perimeter ditching
- No hydrology manipulation
- LRAM score = 6.5

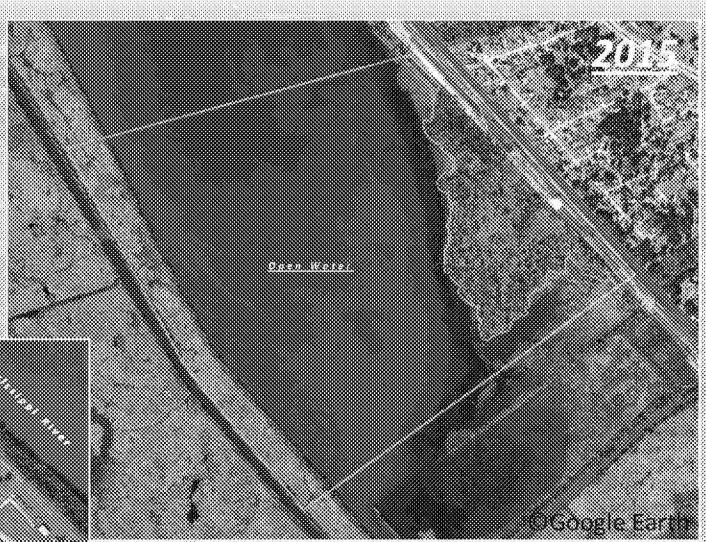




For project documents and Google Earth layers, please follow this link to a Sharefile download: http://bit.ly/2IkrIW9

Jesuit Bend MB

- 1.3 Million cu. yds. dredged from Mississippi River
- Outside levees
- No Perimeter Ditching
- No hydrology manipulation
- LRAM score = 5.6



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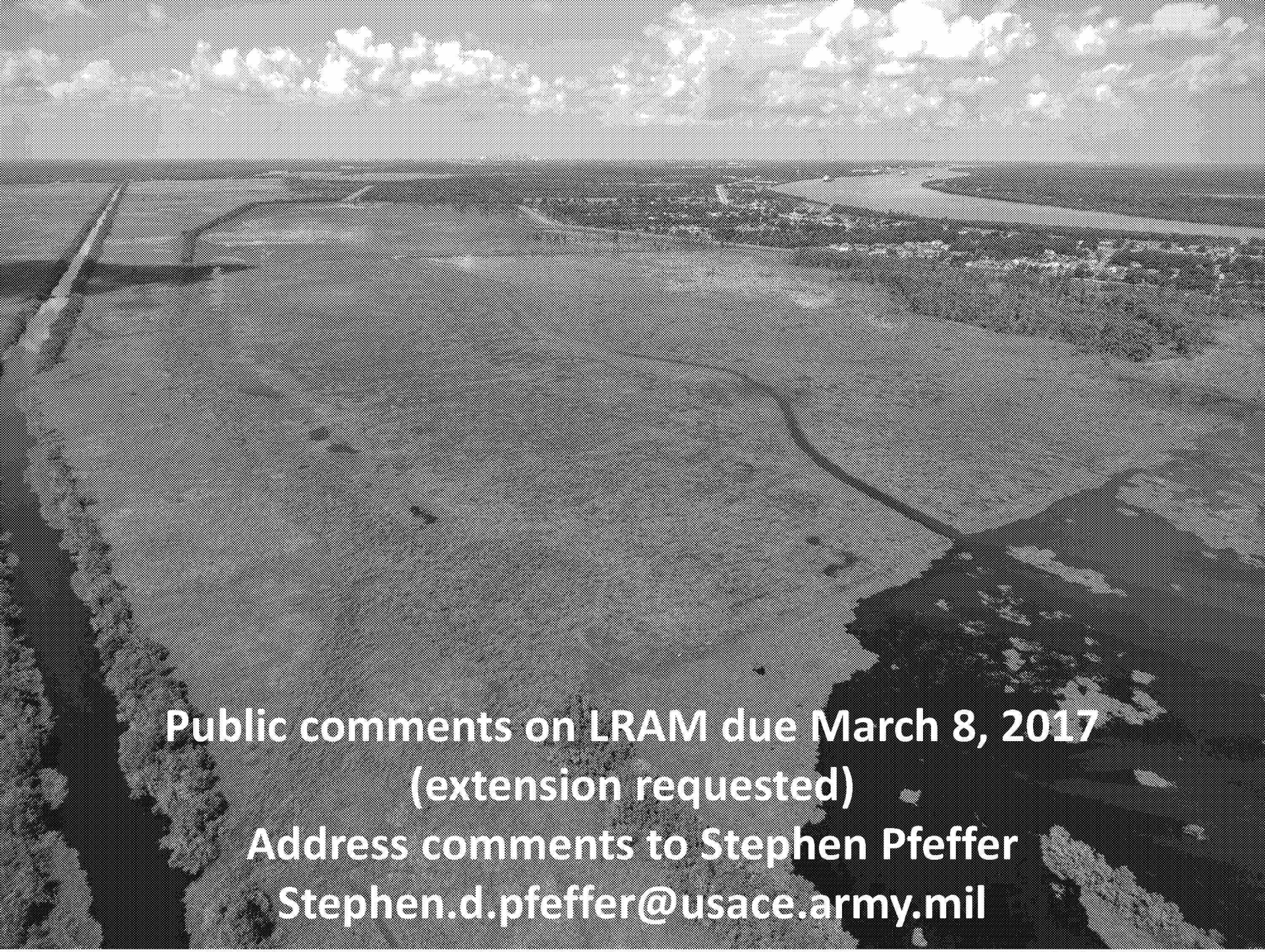
Public comments on LRAM due March 8, 2017
(extension requested)
Address comments to Stephen Pfeffer
Stephen.d.pfeffer@usace.army.mil