

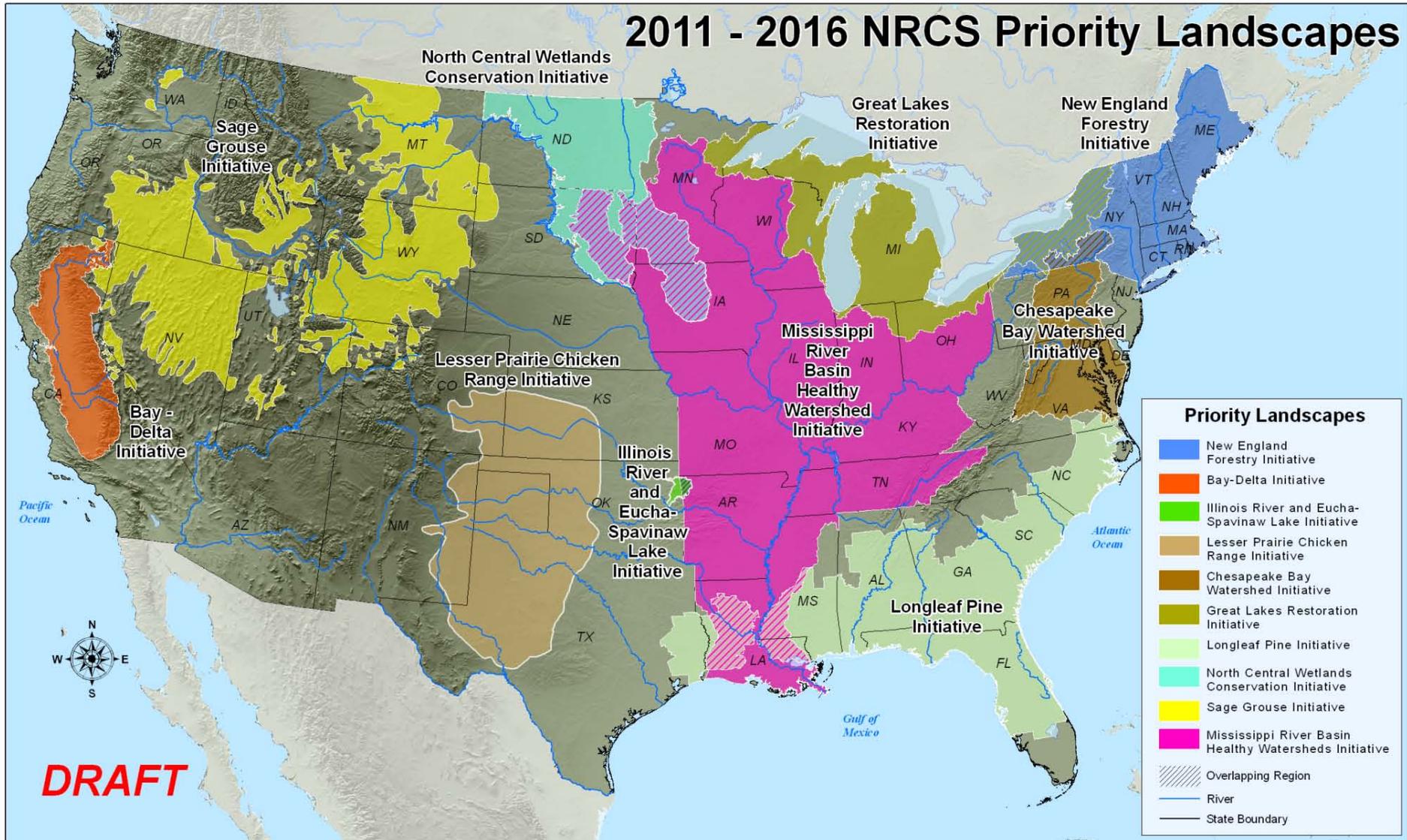


Initiative Update

OVERVIEW

Scott Edwards
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USDA - Natural Resources Conservation Service

2011 - 2016 NRCS Priority Landscapes

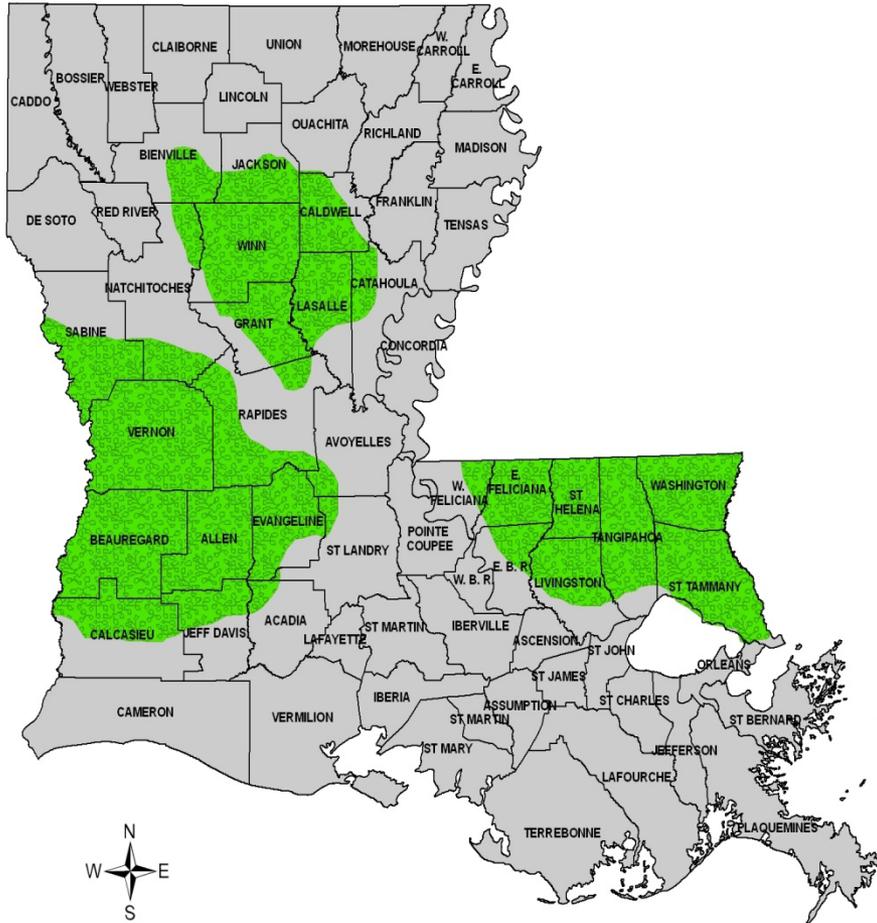


Priority Landscapes

- New England Forestry Initiative
- Bay-Delta Initiative
- Illinois River and Eucha-Spavinaw Lake Initiative
- Lesser Prairie Chicken Range Initiative
- Chesapeake Bay Watershed Initiative
- Great Lakes Restoration Initiative
- Longleaf Pine Initiative
- North Central Wetlands Conservation Initiative
- Sage Grouse Initiative
- Mississippi River Basin Healthy Watersheds Initiative
- Overlapping Region
- River
- State Boundary

DRAFT

Historic Longleaf Areas in Louisiana



 Longleaf Pine

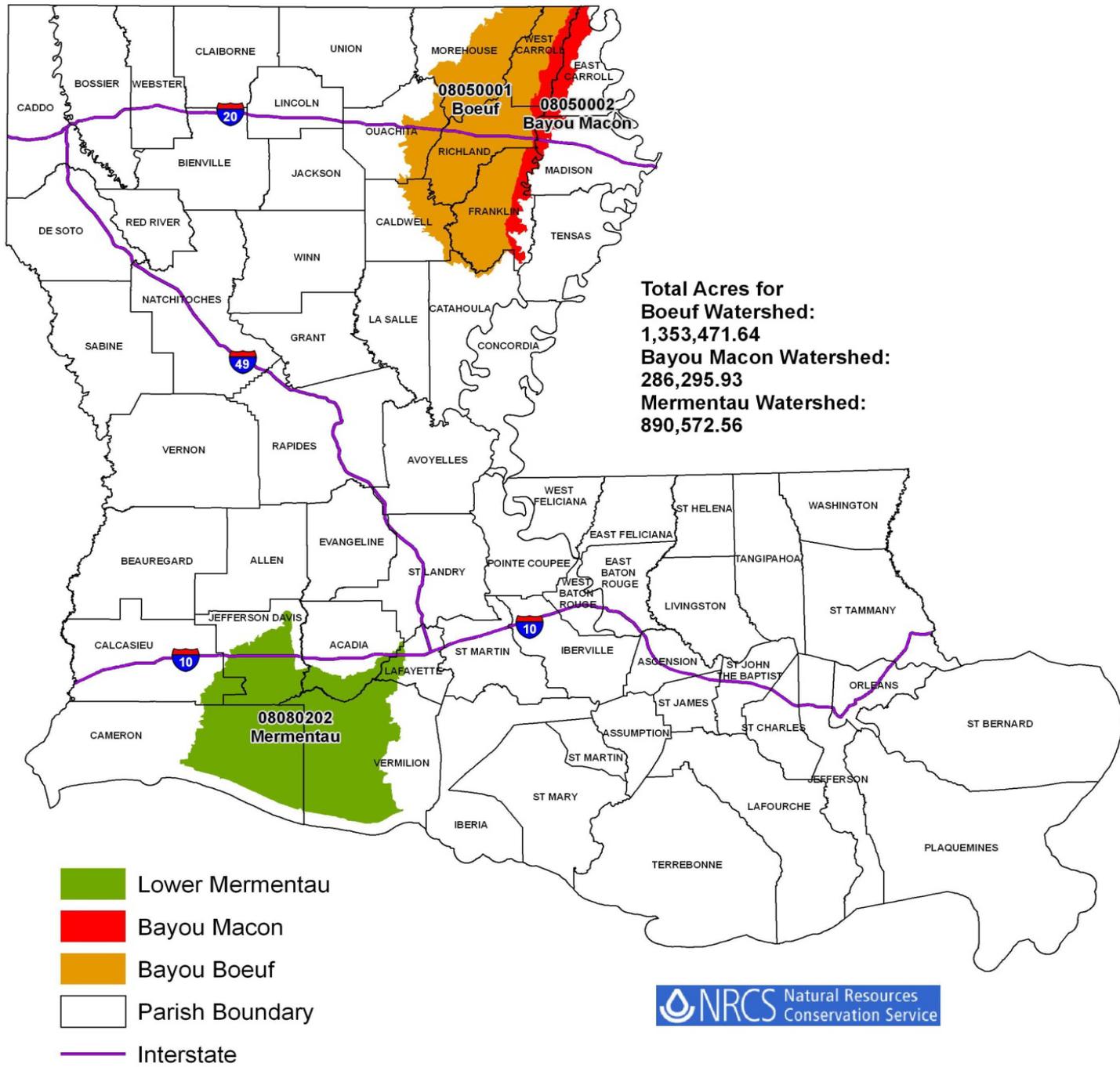
Longleaf Pine Initiative

Multi-state agreement with NWF

\$750,000 per year

TX-LA Longleaf Taskforce

Place Based Project – US Fish, Fort Polk and US Forest Service





NE Delta – Upper Joe's Bayou

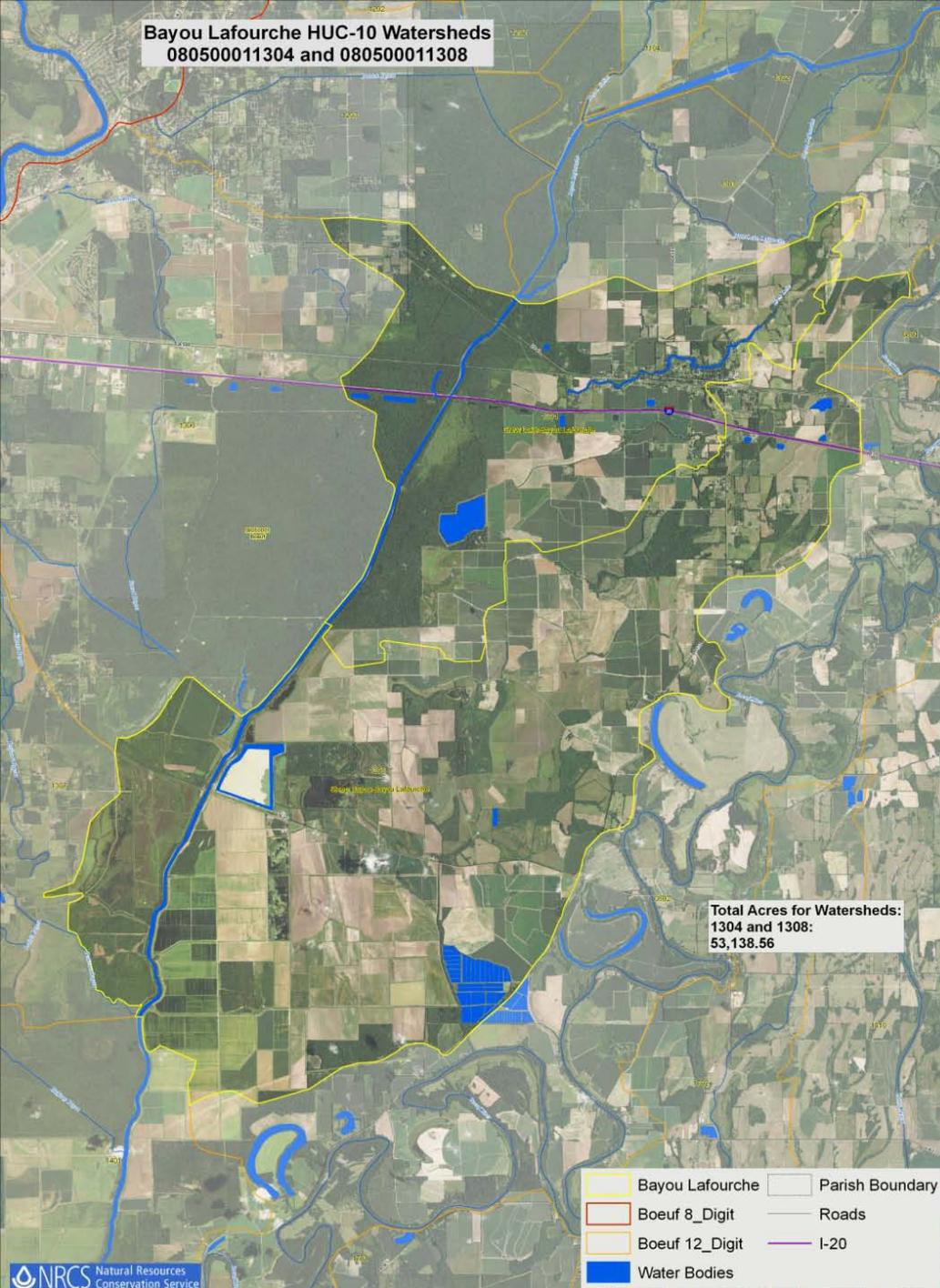
DEQ – Implementation Plan – Watershed Coordinator

20,003 total acres

Head water of Joe's Bayou

45 farmers identified – interest level high

Bayou Lafourche HUC-10 Watersheds
080500011304 and 080500011308



Bouef River

South of Monroe

2 – 12 Digit Watersheds

53,138 total acres

WREP – Companion
project

Mermentau Selected Watersheds 080802020205

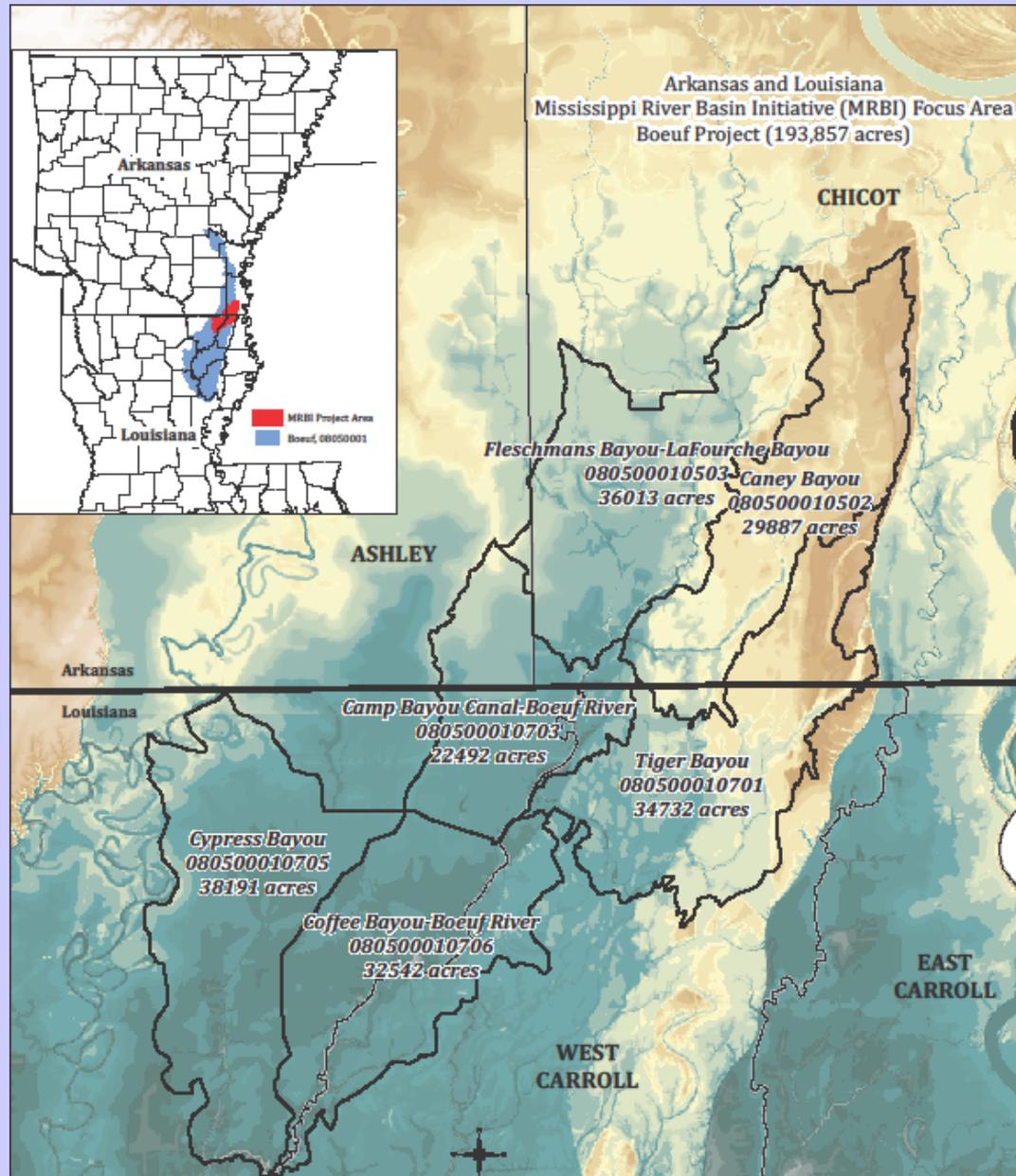


FY 2010 Obligations	Environmental Quality Incentives Program (EQIP)		Wildlife Habitat Incentive Program (WHIP)		Conservation Stewardship Program (CSP)		Wetlands Reserve Enhancement Program (WREP)	
	Financial & Technical Assistance	Number of Landuser Contracts	Financial and Technical Assistance	Number of Landuser Contracts	Dollars Obligated	Number of Landuser Contracts	Financial & Technical Assistance	Number of Contracts
Arkansas	\$ 3,392,716	39	\$ 35,097	2	\$ 175,312	6	\$	0
Illinois	\$ 142,151	28	\$ -	-	\$ 120,504	6	\$ 284,295	1
Indiana	\$ 663,870	17	\$ -	-	\$ -	-	\$ 843,465	10
Iowa	\$ 1,485,344	45	\$ 1,759	1	\$ 482,722	23	\$	
Kentucky	\$ 1,753,799	41	\$ -	-	\$ -	-	\$	
Louisiana	\$ 325,748	17	\$ 1,013	1	\$ 47,499	1	\$	
Minnesota	\$ 1,783,675	38	\$ -	-	\$ -	-	\$	
Mississippi	\$ 4,972,059	123	\$ -	-	\$ -	-	\$ 2,982,712	7
Missouri	\$ 7,203,471	165	\$ 46,751	15	\$ 88,159	9	\$	
Ohio	\$ 1,773,687	41	\$ -	-	\$ -	-	\$	
Tennessee	\$ 644,266	52	\$ -	-	\$ -	-	\$	
Wisconsin	\$ 601,285	24	\$ -	-	\$ -	-	\$	
Totals	\$ 24,742,072	630	\$ 84,621	19	\$ 914,196	45	\$ 4,110,472	18

FY 2011 RFP

- Published in Federal Register in November 2010
- Project proposals were due January 28
- Made available up to:
 - CCPI – \$15 million
 - EQIP – \$9 million WHIP – \$500,000
 - CSP – 278,000 acres
 - WREP – \$25 million
- The proposals have been reviewed and awaiting final approval
- CCPI has a 6 percent statutory limit – 25% reduction
- CCPI is also used for non-initiative projects nationwide.





Monitoring – Bayou Lafourche

- First flush - collect 200 mL every 5 minutes (40 minute; 1600 ml total) Collect 50 mL every 15 minutes (4 hrs; 800 mL) Replace bottles to collect 50 mL every 15 minutes for another 6 hours or until the rain event is concluded

Only 1 autosampler is needed for this scheme. An area velocity flow meter will also be installed in a culvert-pipe receiving convergent runoff from the field. This will allow for calculation of flow-weighted averages for comparison between baseline and after conservation practice installation.

The parameters to be measured and the 3 monthly time frames and number during each time frame (i.e., 10 runoff events per time frame) will be the same as described in the protocol.

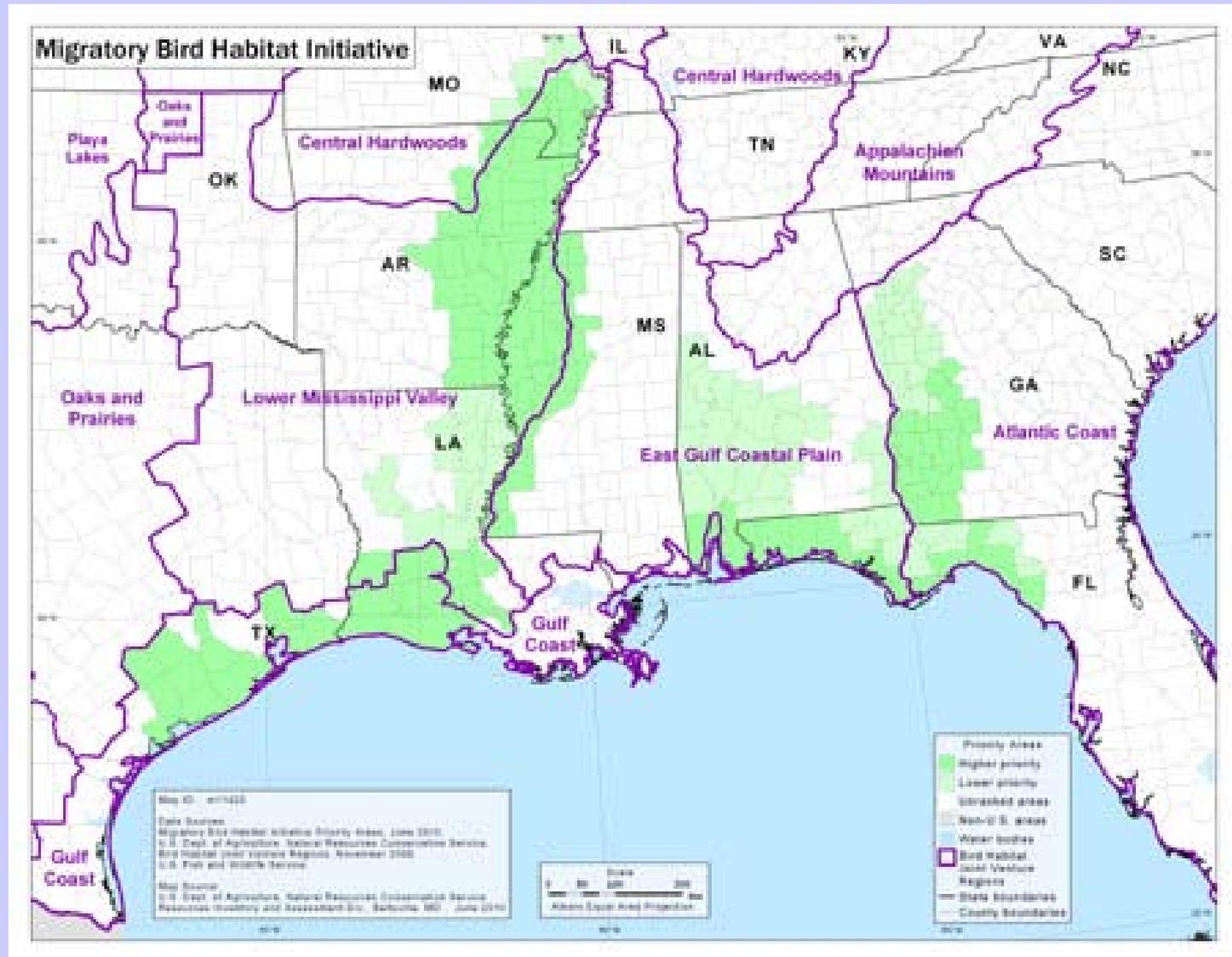


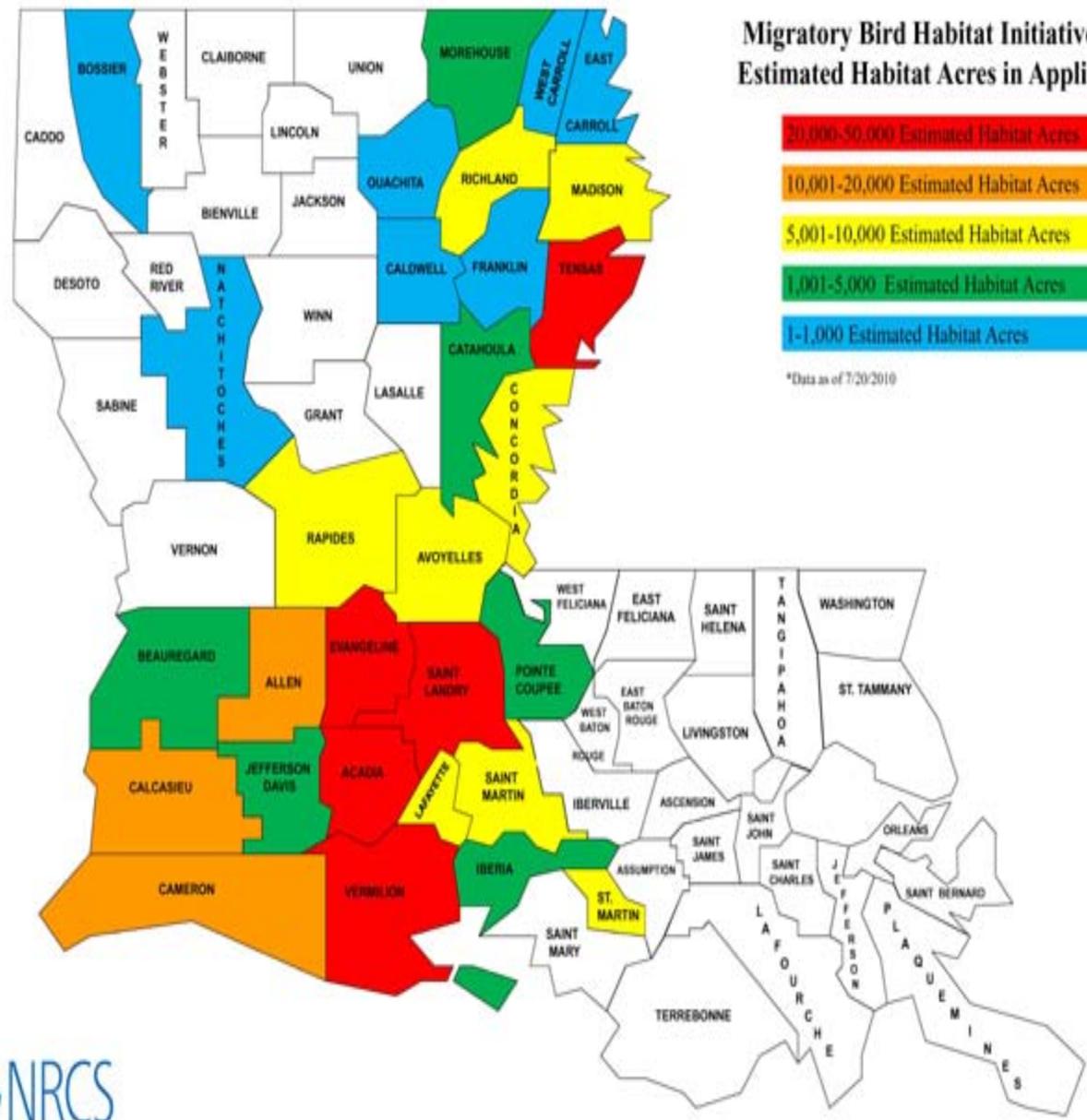
Monitoring – Bayou Chene

Each field (Conventional and BMP) will need to have a single water source and outflow (riser) location for each field. The irrigation (inflow) pipe providing water to each field will be equipped with totalizing propeller flow meters and flow volumes will be recorded weekly throughout the growing season. On the outflow of each field a monitoring flume and flow system will be installed. Flow volumes will be recorded every minute and stored by a datalogger throughout both the fallow and growing seasons.

Weekly grab samples will be collected at pre-determined locations within the field and flow-weighted storm samples will be collected at the outlet of each field using ISCO automated water samplers.

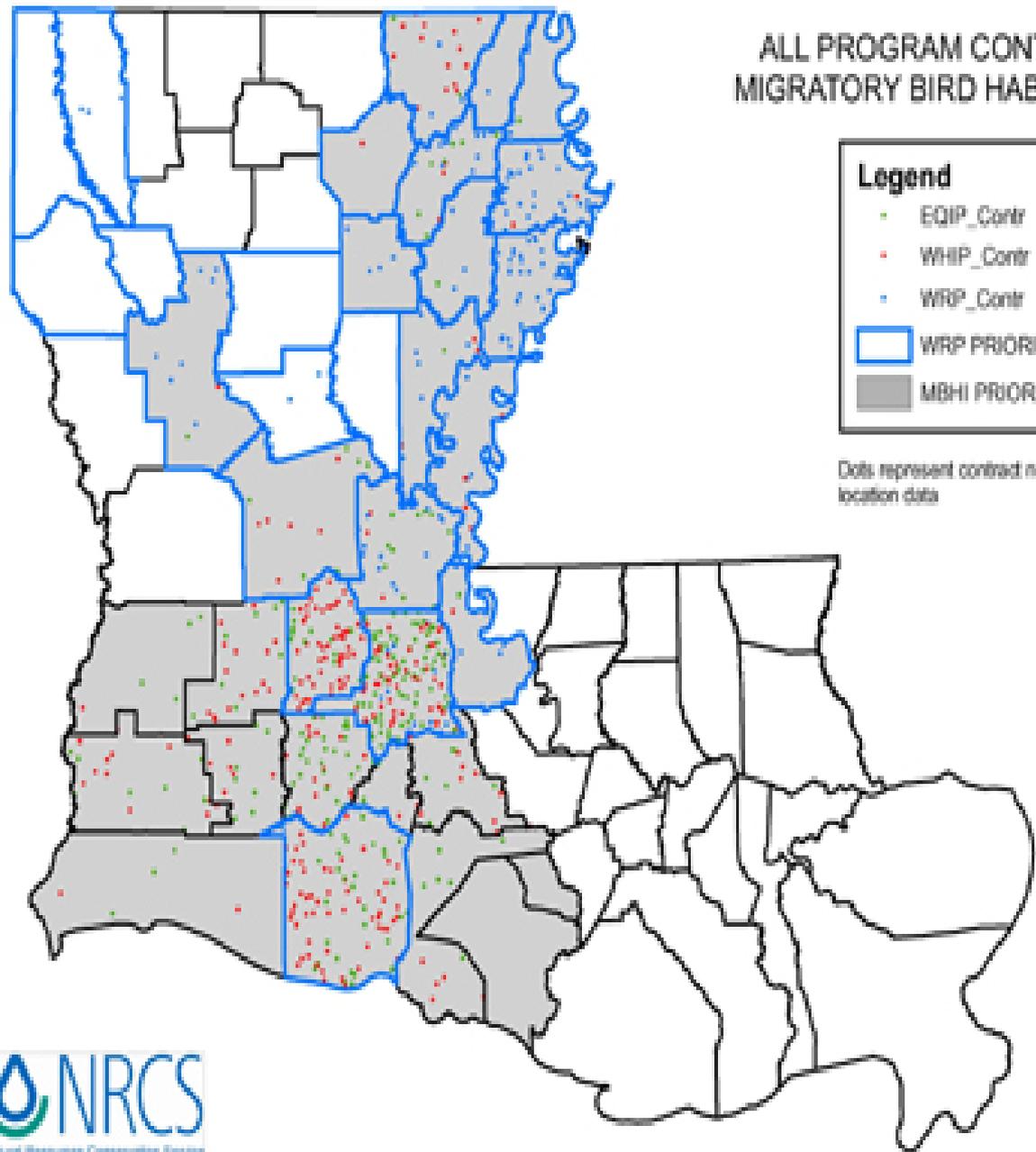
Parameter	Method
Ammonia-N	SM 4500 - NH3-E
Total Kjeldahl N	EPA 351.4
Nitrate	EPA 300.0
Nitrite	EPA 300.0
Phosphate	EPA 300.0
Ortho-Phosphate	EPA 365.3
Total Phosphorus	EPA 365.3
Total Solids	EPA 160.3
Total Suspended Solids	EPA 160.2







ALL PROGRAM CONTRACTS FOR MIGRATORY BIRD HABITAT INITIATIVE



Legend

- EQIP_Contr
- WHIP_Contr
- WRP_Contr
- WRP PRIORITY
- MBHI PRIORITY AREA

Dots represent contract numbers, not physical location data

Strategic Watershed Action Teams SWATs

- Accelerate conservation activities through:
 - Outreach
 - Conservation Planning
 - Practice Implementation
 - Follow-up
- 23 different partners will provide matching funds, helping to staff teams that will work in approximately 30 high priority watersheds
- \$4 million NRCS + \$2.16 million partner match in Contribution Agreements
- Approximately 41 staff years each year over the next 3 years.



Questions?

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Mississippi River Basin Healthy Watersheds Initiative