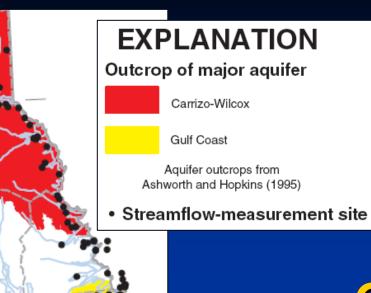
Technical Study Summaries: Lower Sabine River

Connectivity Data





30

0

60

Results of Streamflow Gain-Loss Studies in Texas USGS (2002) (Original data from 1963)

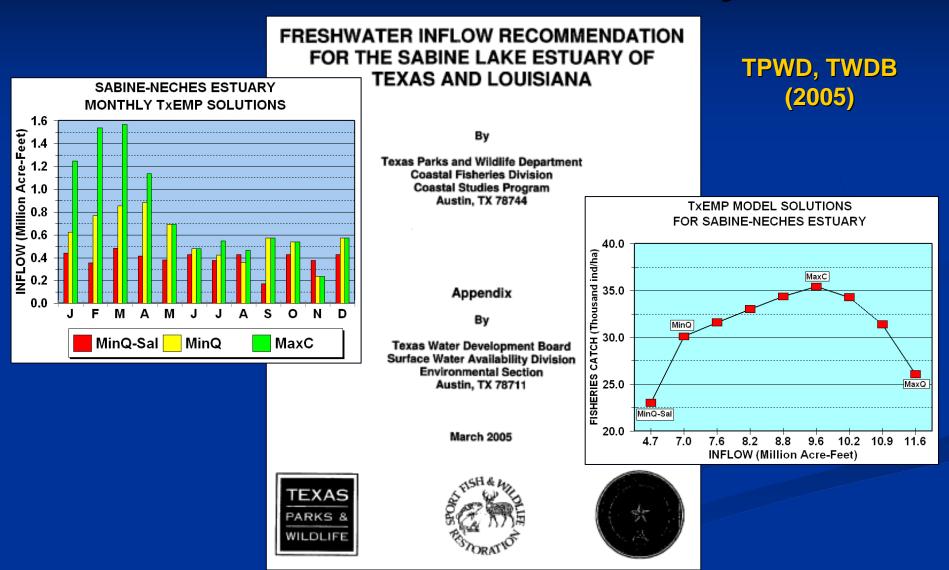
120

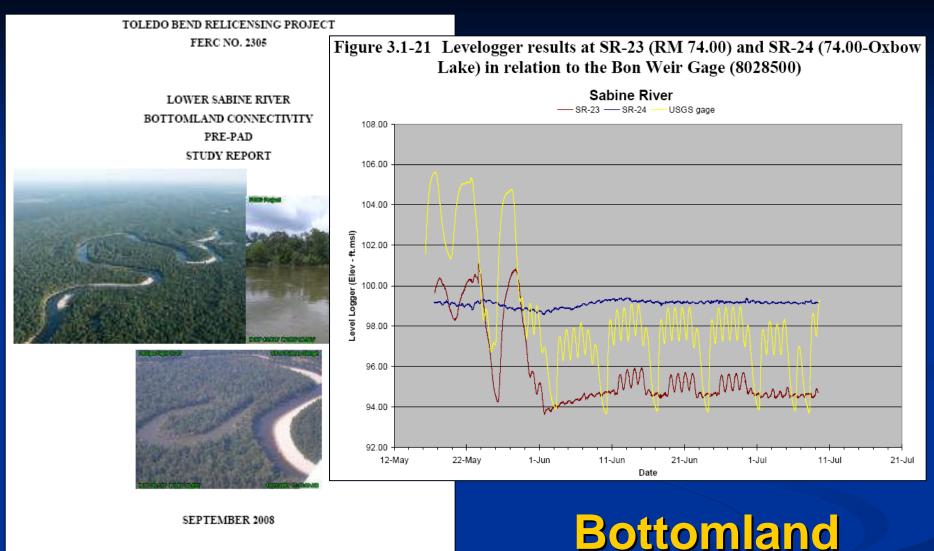
90

150

180 MILES

Freshwater Inflow Recommendation for Sabine Lake Estuary





Connectivity Study

DTA (2008)

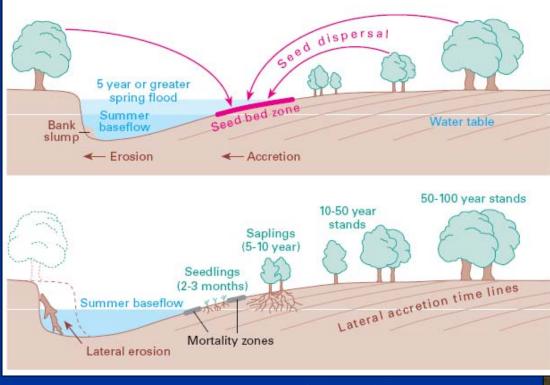
SEPTEMBER 2008

This Report Was Prepared For:

This Report Was Prepared By:

Sabine River Authority of Texas Sabine River Authority, State of Louisiana Devine Tarbell & Associates, Inc.

Riparian Area Survey Methodology Williams, SFASU (2009)



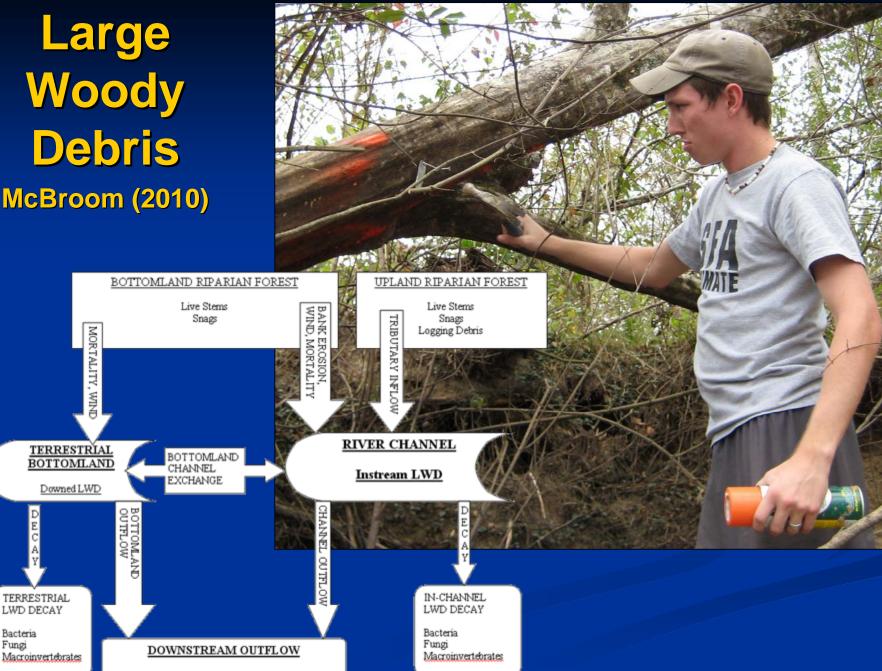


Large Woody Debris **McBroom (2010)**

DEC

Bacteria

Fungi



Statewide Objectives



Define connectivity issues within the system

Lower Sabine River Objectives Connectivity

Maintain/improve hydrologic connectivity needed to sustain floodplain and wetlands area (i.e. bottomland hardwoods, swamps, emergent marshes, oxbows, yazoos)

Ensure that studies are not conducted in a vacuum that ignores other needs such as bays and estuaries



Riparian
Total area inundated
Habitat area inundated
Connectivity to river
Freshwater inflows to Sabine Lake