

LOWER COLORADO RIVER FISH TELEMETRY STUDY

Bryan Cook
Water Quality, LCRA

Background

- Partnership with Texas Tech University and Texas Parks and Wildlife Department
- Key Species
 - Guadalupe Bass - state fish of Texas
 - Blue Sucker - state-threatened species

Purpose

- Collect additional information about habitat
- Identify key spawning areas
- Document key environmental variables that influence spawning and rearing of young

Guadalupe Bass





Blue Sucker





Juveniles



Study Design

- Fish are fitted with a radio transmitting tag
- Each tag is coded to a specific fish
- Movements are recorded with fixed station receivers
- Specific locations identified with a hand-held receiver