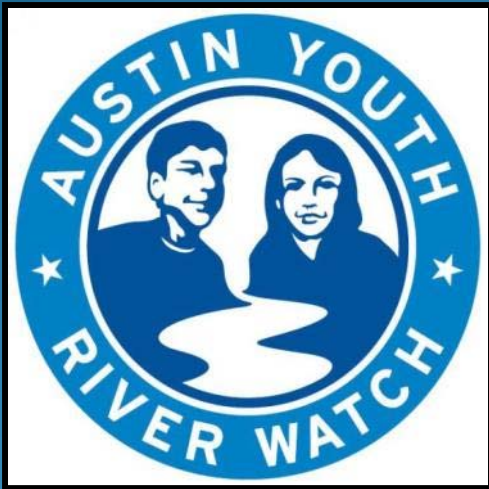


Austin Youth River Watch



By: Fidel Campuzano, Reagan
Kezhanae Johnson , Reagan
Keona Johnson, Reagan
Ezrhie Racelis, Akins



Graduation & The Environment



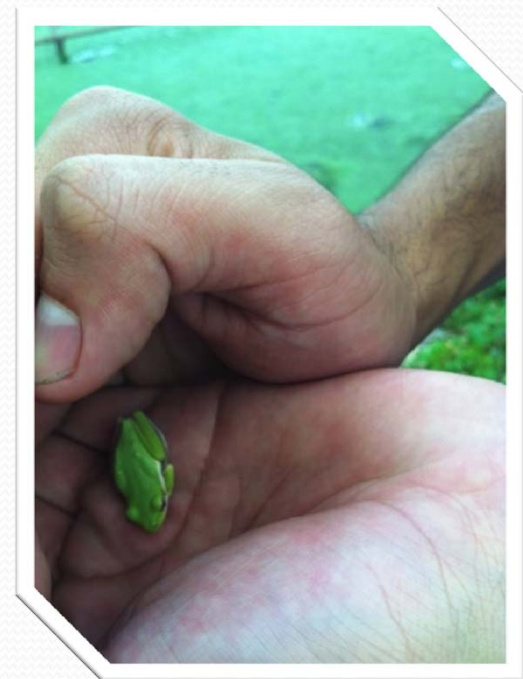
After School

- 100+ Students per year come once a week
- Go in the Van to do Water Testing on the Creek or the River
 - 20+ sites
- River Watch EcoHouse at Hornsby Bend – good times
 - Snacks
 - Homework Support
 - Basketball
 - 1/3 mile walk to river
 - Pond and Garden



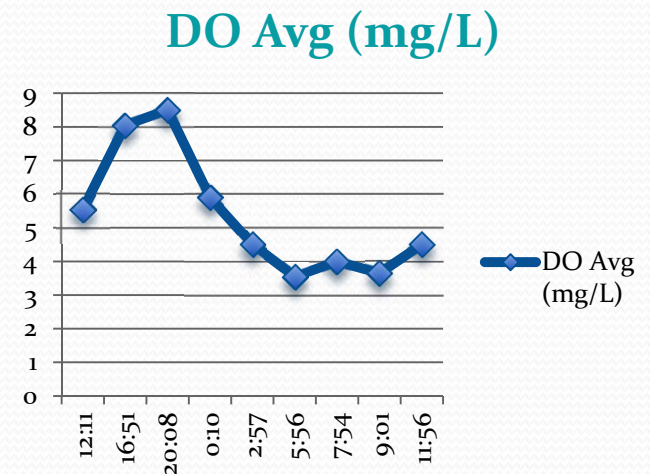
Water Quality Tests

- Nitrates – plant food – comes from fertilizers, sewage spills, breakdown of natural materials like leaves
- Conductivity – how much pollution is dissolved in the water
- pH – acid or base – usually 6.5 – 9.0
- Field Notes and Observations

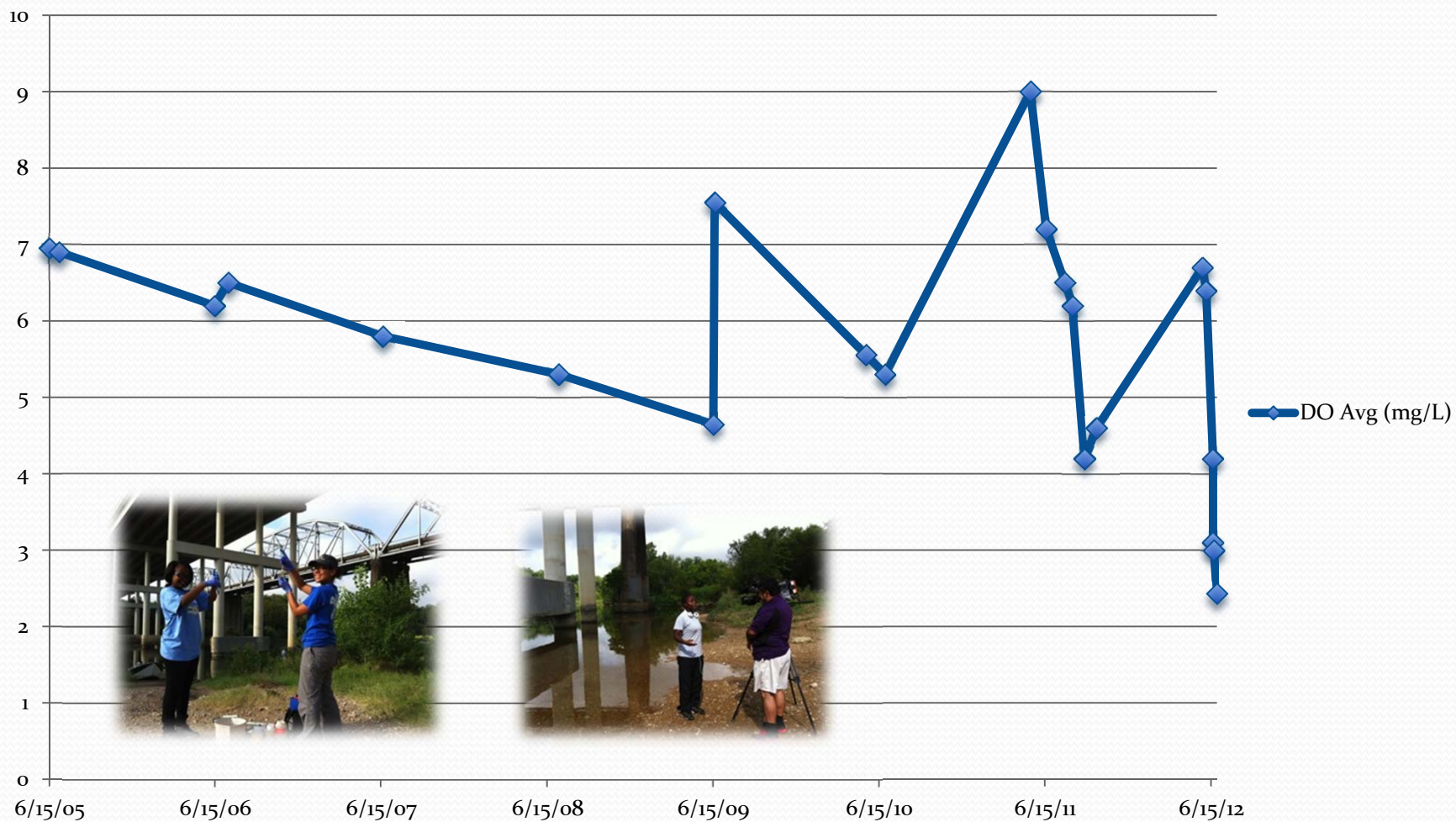


Dissolved Oxygen

- Air and Water Temperature – cold water holds more D.O.
- Dissolved Oxygen
 - 4 – 12 mg/L normal
 - Below 4 stresses fish and aquatic life
 - Below 2 can threaten their lives
 - Respiration – lower at night
 - Photosynthesis – higher D.O. during the day
- Lower Flow this Warm Season
 - Rice Farmers for the last 70-80 Years – 8 foot release
 - Now: low flow



Morning D.O. Avg (mg/L) at Montopolis Bridge 2005 - 2012

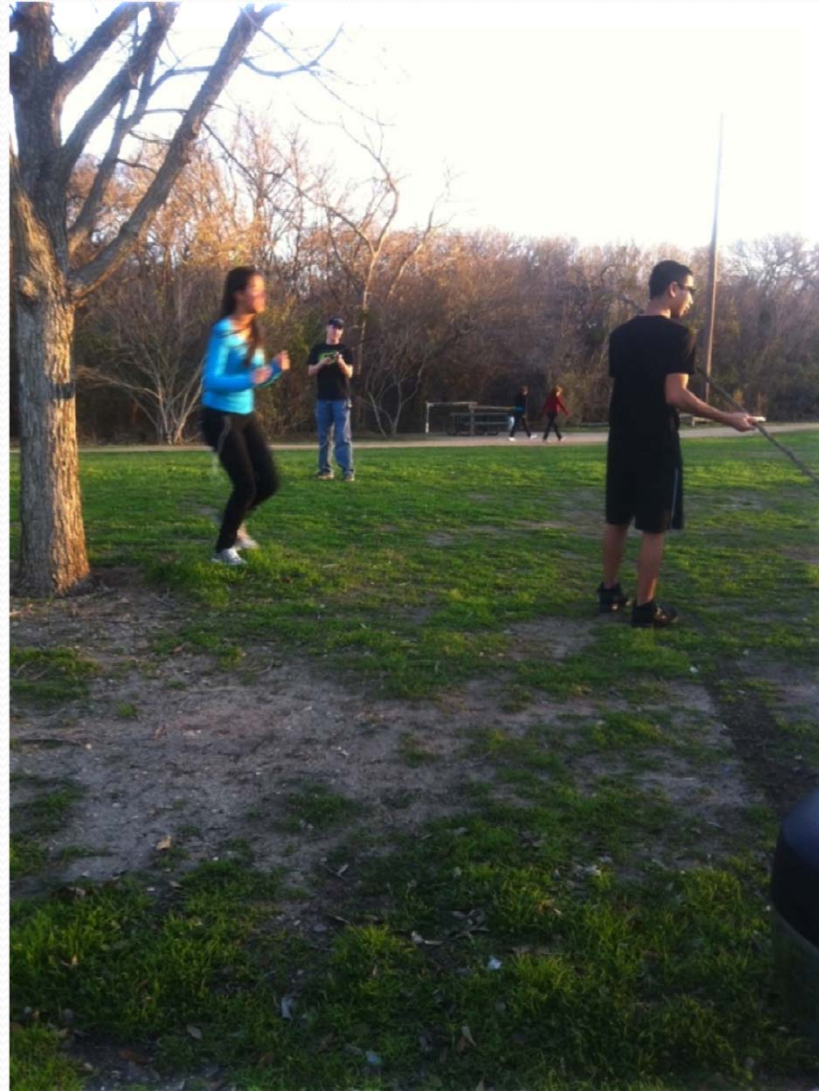


Fidel's Story

- New Adventures
- Board Service



Student Stories



Different Schools Interactions

Monday: East Side
Memorial & Crockett

Tuesday: Lanier &
Austin

Wednesday: Reagan
& Akins

Thursday: McCallum
& Travis

Friday: LBJ/LASA



Graduation Support

Nearly 100% of our
River Watch Seniors
have Graduated over
the course of our 20
Year History!



Thanks to our Major Sponsors



Austin Water Utility



WATERSHED PROTECTION

- The Georgia B. Lucas Fund of the Austin Community Foundation
- The Joy Foundation Fund of the Austin Community Foundation
- The Langwater Foundation
- The Philip T. Bee Charitable Trust
- The Save Barton Creek Association
- The Shield-Ayres Foundation

