Colorado River below Austin Turbidity Investigation

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Presentation outline

- What is the dog head reach?
- What is the issue?
- Timeline of investigation events & findings
- Next steps

What is the dog head reach? CENTRAL EAST AUSTIN Southe EAST AUSTIN Southern Walnut Creek Trail EAST CESAR CHAVEZ Holiday Inn Austin-Town Ecesar Chavez St. JOHNSTON TERRACE GOVALLE FOREST BI Hornsby Bend S Lakeshore Blvg PLAIN VIEW shutterstock com · 116100361 AUSTINS' COLONY H-E-B plus! 🔚 PLEASANT VALLEY EAST RIVERSIDE RICHLAND ESTATES MONTOPOLIS GARDEN VALLEY Garden Austin CARSON CREEK BERGSTROM ARKER LANE Hornsby Bend
 Bird Observatory Hilton Austin Airport Quality Inn & Suites Airport MCKINNEY Del Valle rampoline ture Park

•7/29/2023 – Initial complaint of turbidity in lower river.

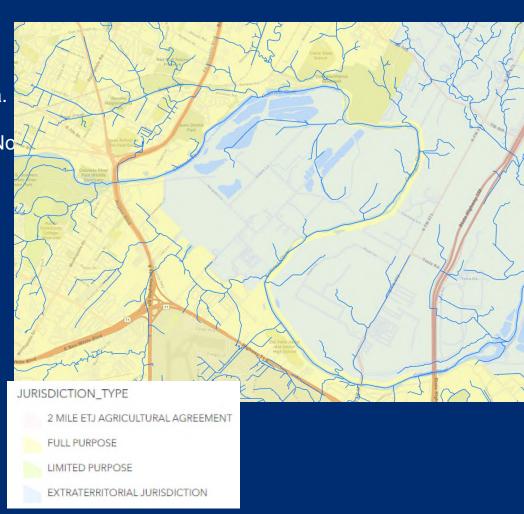




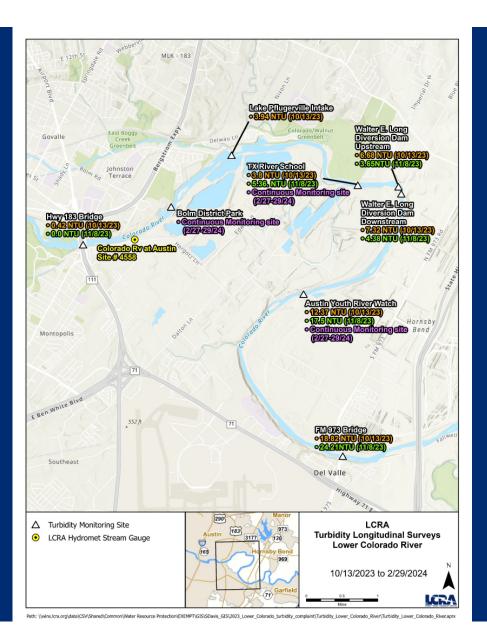
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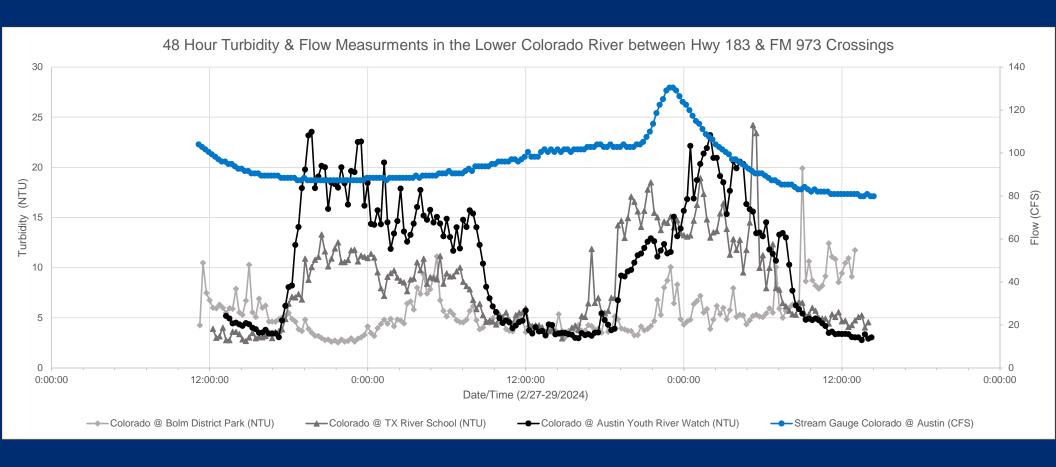
•8/2/23 - COA WPD contacted and field reconnaissance conducted. No significant findings. Limited authority in area.

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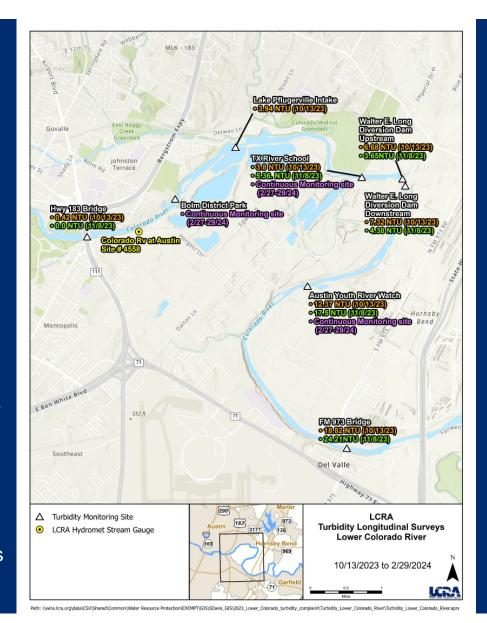


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- •4/19/24 LCRA meets with TCEQ Region 11 Director and Water Section Manager.
- •5/2/24 to 6/17/24 LCRA deploys turbidity monitoring sensors at five sites in the dog head reach of the Colorado River.





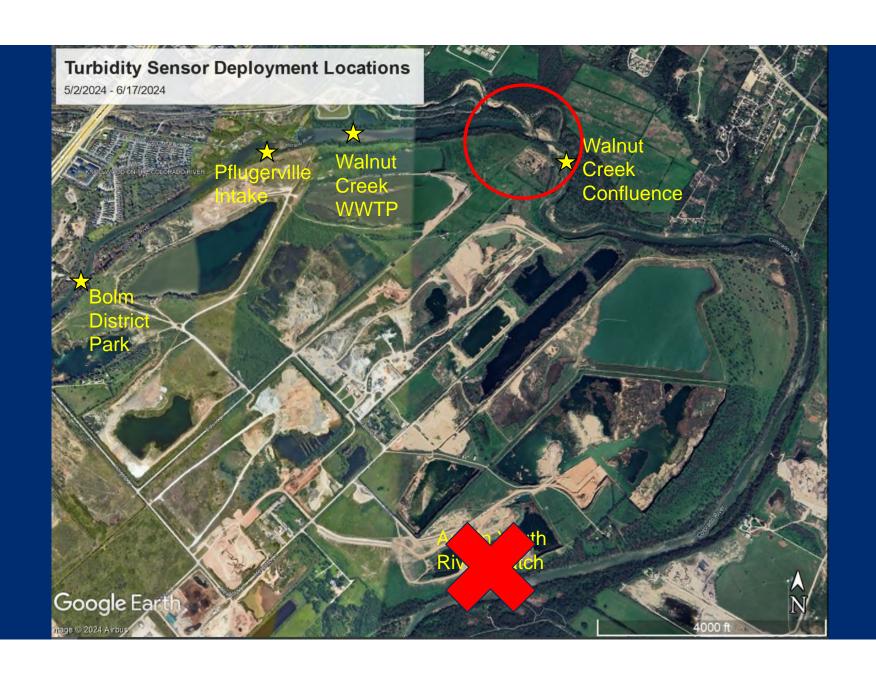
Turbidity sensor retrieval 6/17/24

 No data pulled from Austin Youth River Watch site



Turbidity sensor retrieval 6/17/24





Next Steps

- More continuous turbidity sensor deployments in Colorado and Walnut Creek with routine debris maintenance
 - (after seasonal hydro releases stop)
- Longitudinal surveys of Walnut Creek
- Look at turbidity concentration further downstream
- Engage Travis County on topic