



Zebra Mussel Mitigation Update

March 11, 2020

Mehrdad Morabbi, P.E., Operations Manager – Water Treatment



Last presentation to W&WW Commission (9.11.19)

[W&WW Commission 9.11.2019 - ZM Briefing Update](#)

Summary

- Lake Travis spawning April-July
- Lake Austin spawning May-October
- Suggested cleaning and inspection December-March
- Expect elevated reproductive activity in 2020



ZEBRA MUSSEL WORKSHOP

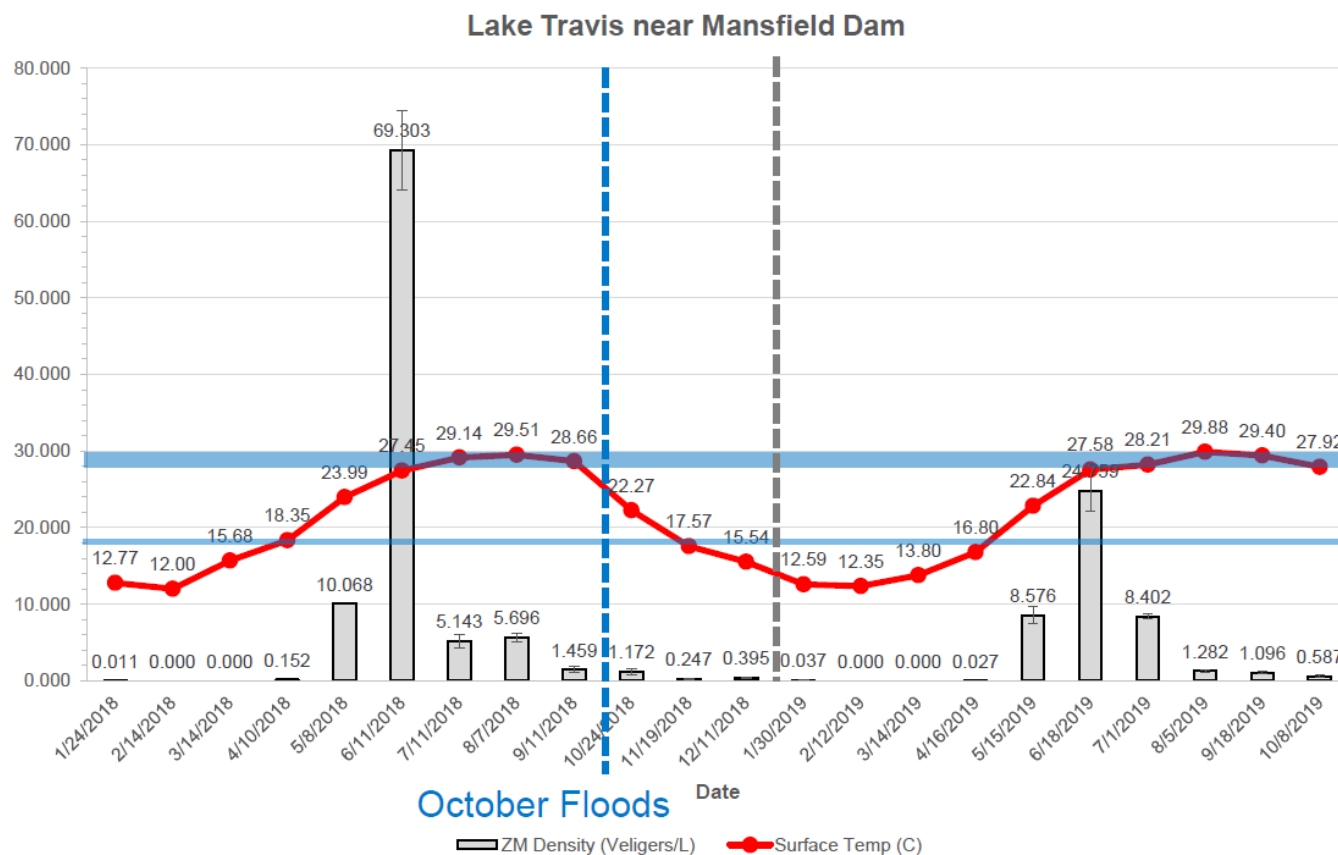
Nov. 6, 2019

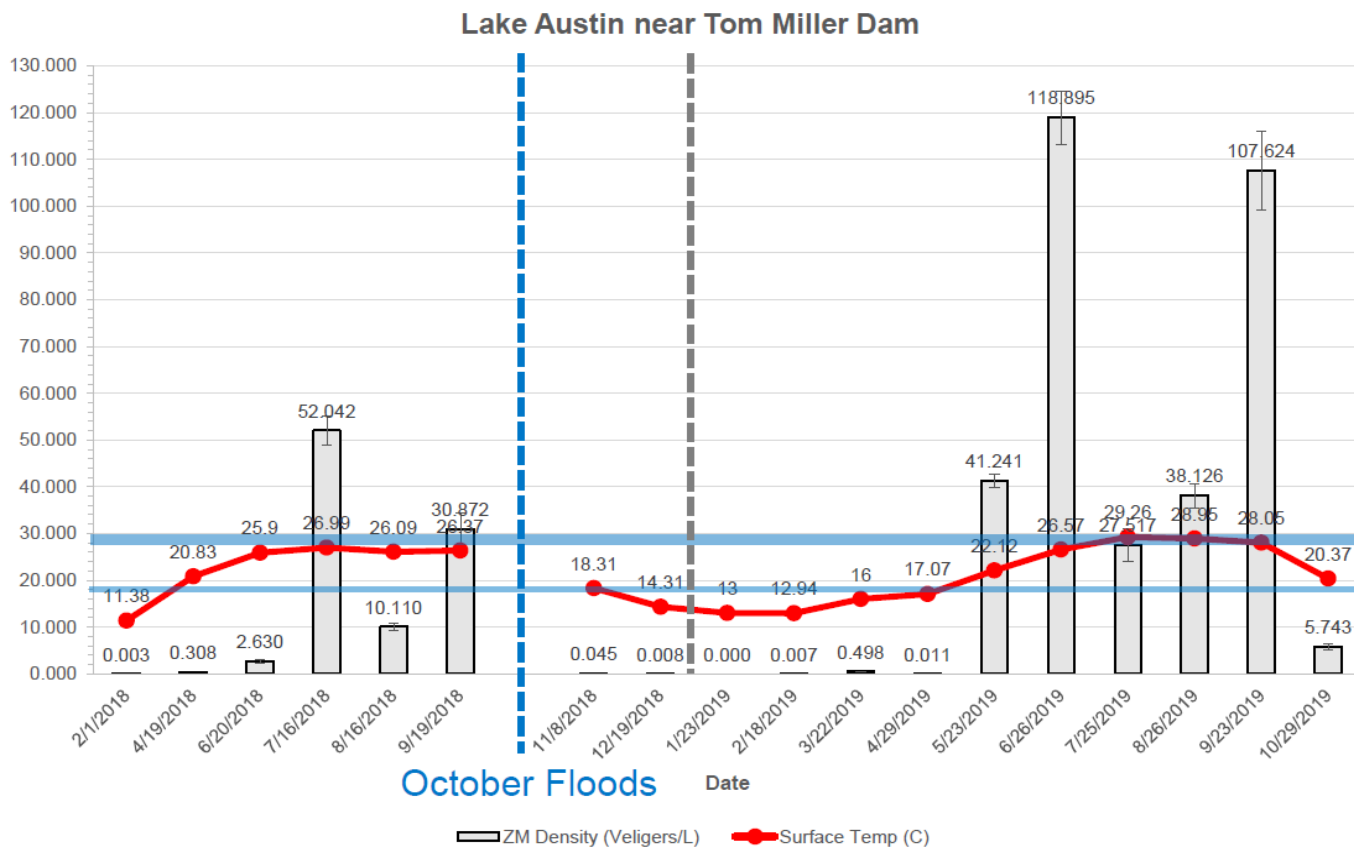


ZEBRA MUSSEL INVASION STATUS & SPAWNING ACTIVITY

Stephen Davis
Aquatic Biologist







- Handcox WTP permanent chemical feed system is in operation
- Received TCEQ approval to feed copper sulfate at Ullrich WTP and Davis WTP (1.29.2020)
- Ullrich WTP site permitting is in progress and expected to be completed in April
- Davis WTP site permitting is in progress and expected to be completed in June
- Moving forward with temporary feed equipment to be operational in May at Davis and Ullrich water treatment plants
- Permanent facilities are expected to be completed this fall

- FIFRA Registration
- Not yet NSF Approved but expected soon
- This system is still under consideration



20 MGD Copper Ion Generator
Lawrence, KS

Cleaning and inspection

- Ullrich WTP 10.21.2019
- Davis WTP 11.04.2019
- Handcox WTP 12.09.2019



Handcox WTP Upper Intake
Before and After Cleaning
12.09.2019

