



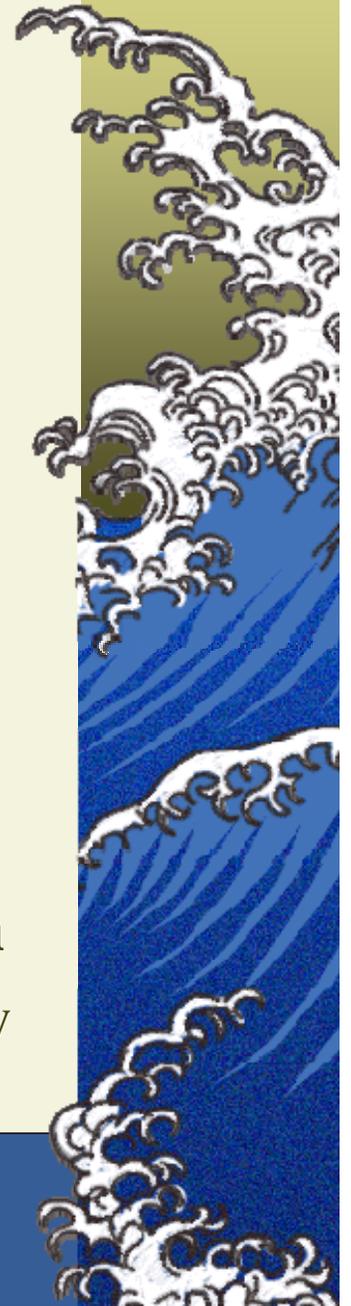
# Restoring Water Quality in Texas Surface Waters

Sandra A. Alvarado, Project Manager

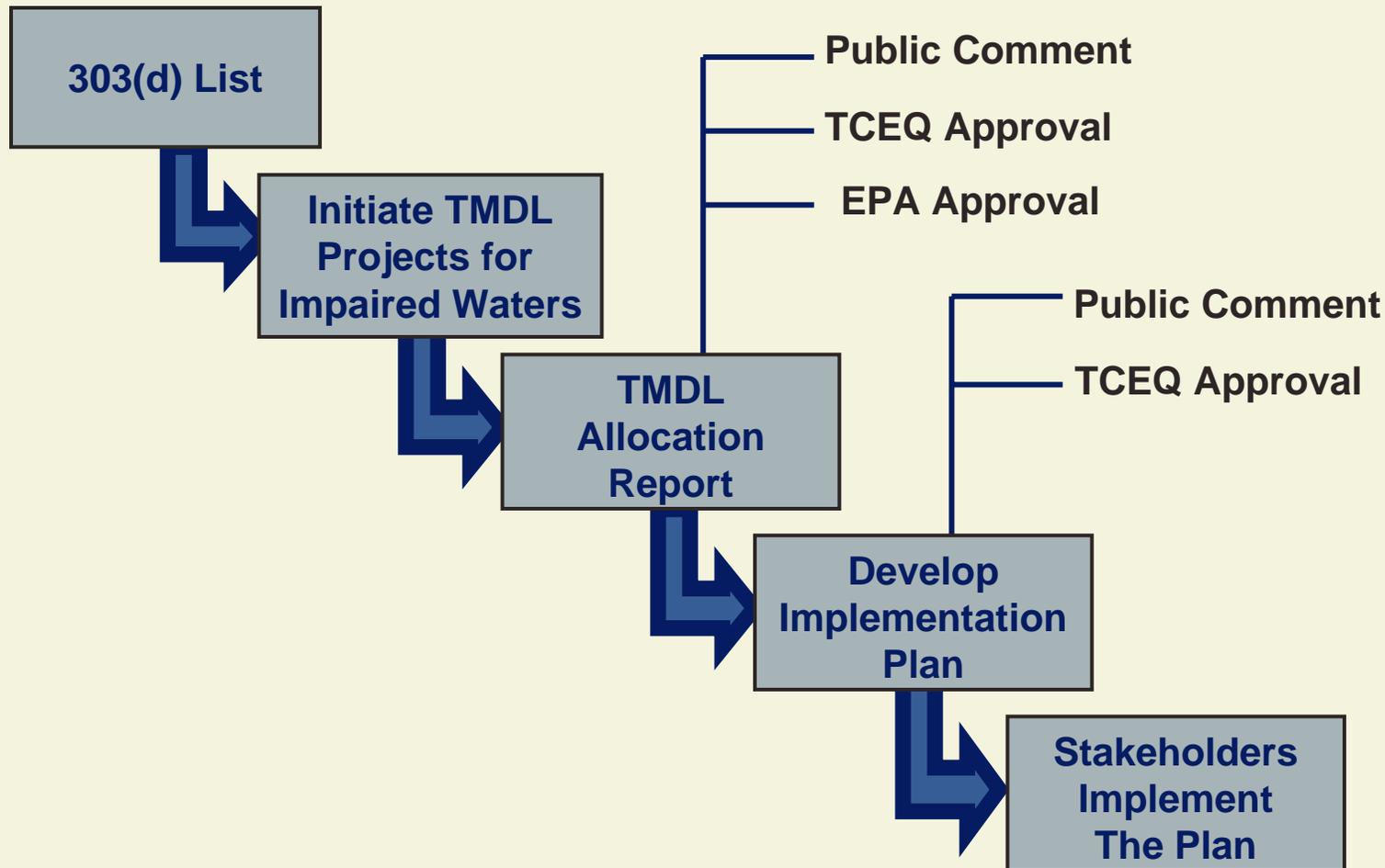
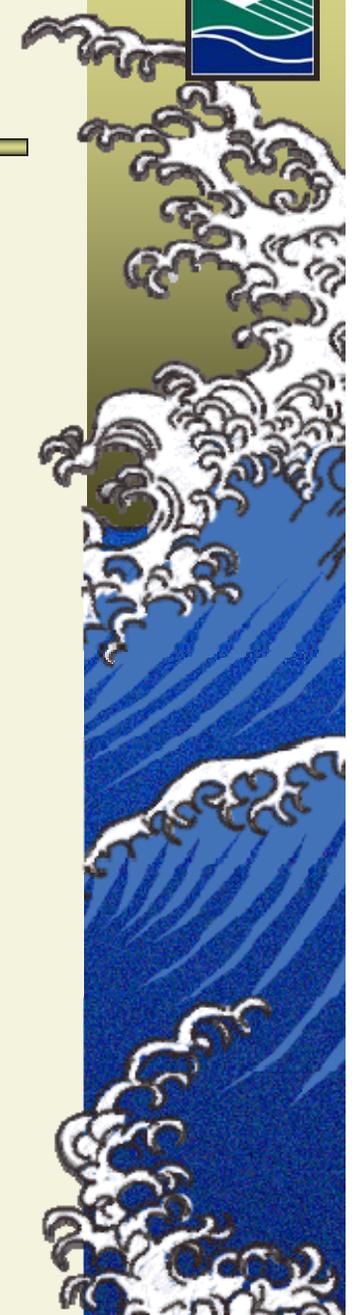
Earlene Lambeth, Outreach Coordinator

**Total Maximum Daily Load Program**

Texas Commission on Environmental Quality



# TMDL Development Process



# 2004 303(d) List

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- ▲ **Carancahua Bay (2456)**

- ▲ **High pH**

- ▲ **Matagorda Bay (2451)**

- ▲ **Depressed Dissolved Oxygen**

- ▲ **Tres Palacios Bay (2452) – harbor area**

- ▲ **Depressed Dissolved Oxygen**





## November Stakeholder Meeting Comments:

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- ▲ **Distinguish Harbor impairment from Tres Palacios Bay**
- ▲ **Coordinate data collection efforts**
- ▲ **Waste from shrimping activities**
- ▲ **Nonpoint sources of pollution:**
  - ▲ **Beach Houses**
  - ▲ **RV Parks**
  - ▲ **Stormwater Runoff**



# Next Steps

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- ▶ **Continue monitoring and source assessment in harbor**
- ▶ **Explore options for addressing waste from shrimping activities**
  - ▶ Reinstatement permit by rule
  - ▶ Individual permit
  - ▶ Voluntary waste reduction program
- ▶ **Explore options for controlling NPS pollution**
  - ▶ Education and outreach
  - ▶ Small Business Environmental Assistance
- ▶ **Establish stakeholder work group**

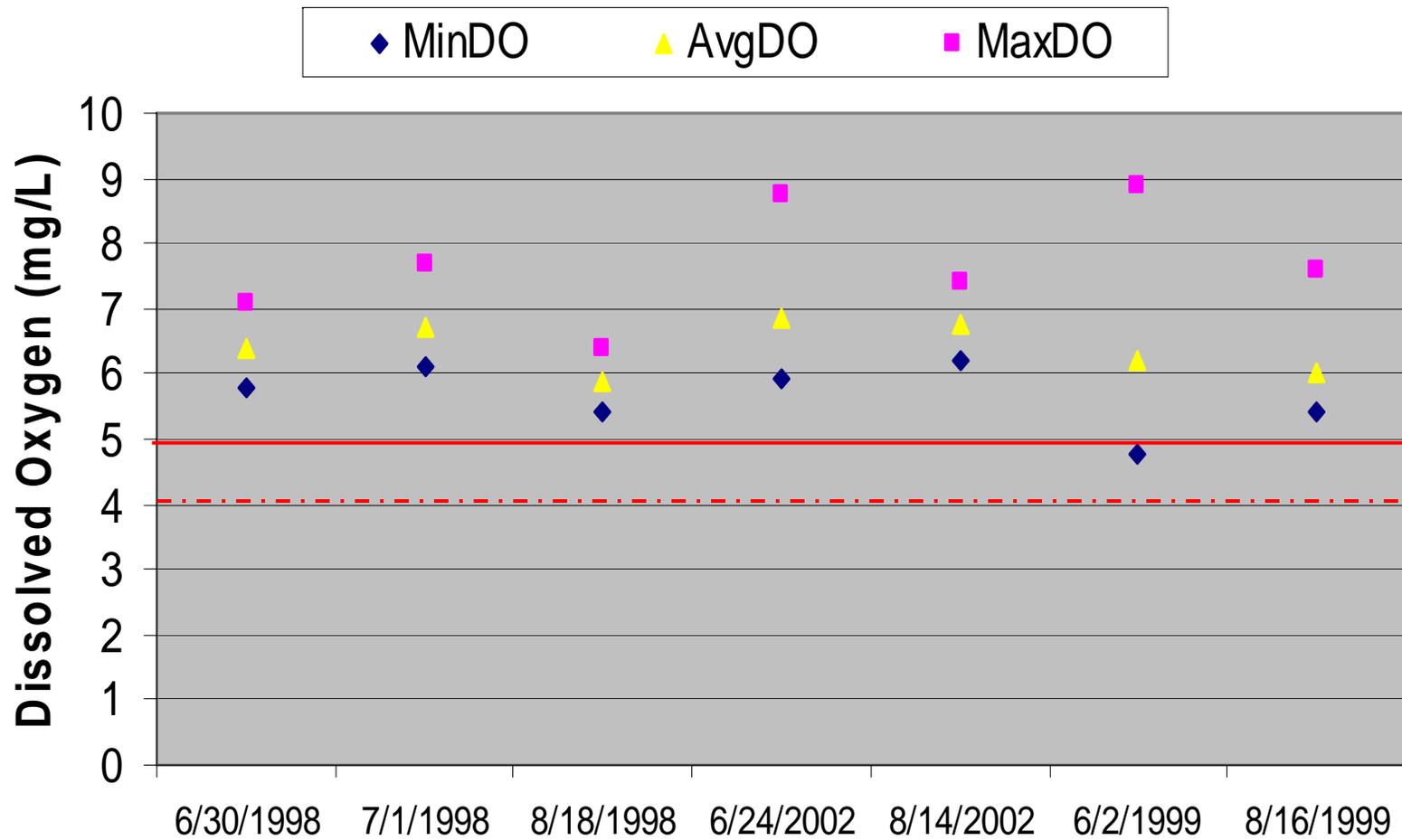




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**Questions/Comments?**

# Tres Palacios Creek Above Tidal - Segment 1502 24-hour Dissolved Oxygen



## Tres Palacios Creek Tidal - Segment 1501 24 Hour Dissolved Oxygen

