

Upper Oyster Creek TMDL Implementation Plan

2025 Stakeholder Annual Meeting

Meeting Summary

August 21, 2025, 2:00 – 4:00 p.m.

Attendance – There were 14 stakeholders in attendance, including H-GAC and TCEQ project staff. Attendance sign-in sheet attached.

Topics of Discussion

I) **Welcome and Introductions**

- a. Project staff welcomed the stakeholders and gave a brief recap of the project history and land cover change in the watershed.

II) **Review of Water Quality Data**

- a. Steven Johnston, H-GAC, presented a review of water quality data from Upper Oyster Creek collected subsequent to the TMDL and I-Plan process.
 - i. Data (regulatory status and trends) from the draft 2024 Texas Integrated Report of Surface Water Quality (2015-2022) – *the waterway continues to have impairments related to the TMDL, and additional water quality concerns. It was noted that bacteria has improved in assessment unit (AU) 1245_02, and is not listed. Bacteria in AU 1245_01 is stable and slightly above the standard. AU 1245_03 has seen a marked increase in the bacteria geometric mean since the I-Plan was created.*
- b. Cynthuja Partheeban, Texas Institute for Applied Environmental Research (TIAER), presented “Update on Dissolved Oxygen Modeling of Upper Oyster Creek” – TIAER completed updating the model and is revising the D.O. TMDL for AUs 1245_02 and 1245_03. The update includes a loading simulation for parameters like D.O., CBOD, and NH₃N that includes water quality analysis simulations with inputs like weather, stream channel, stormwater diversions, wastewater and Brazos River input sources. TIAER has completed the D.O. model calibration. TIAER presented draft pollutant load allocations for the TMDL calculations in the Technical Source Document.

III) **Review of Implementation Progress and Open Discussion**

- a. Project staff gave an overview of implementation efforts, and asked for updates currently underway by partners, and progress toward implementation activities in the I-Plan.

- i. Sanitary sewer overflows (2017 - 2024) – overflows are persistent, and 2024 data indicated similar numbers and volumes to previous years. Blockages remain the largest reported cause while equipment failure led to the predominant volume untreated wastewater released.
- ii. Wastewater discharges (permitted, 2017-2024) – Plants continue to generally meet their permit limits with only a few exceedances.
- iii. Partner activities underway, include continuance/expansion of MS4 permit activities, particularly outreach and education. The focus continues to be weighted strongly toward outreach efforts, but some structural efforts are in place like dog waste collection. The City of Sugar Land was asked about their Phase II stormwater monitoring. The city noted that they had stopped monitoring but were willing to share.
- iv. The City of Sugar Land reported feral hog management. The City of Missouri City noted that feral hogs were not being encountered, likely due to build out within the city.
- v. Group was interested in identifying demonstration projects and expanding past MS4, if funding could be found. Discussed working on a low impact development project demonstration park.

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*Name of City, Business, Organization or note as 'Resident of Name Watershed'

Figure 1. UOC Annual Meeting Attendance