

Addendum 1: TCEQ Analysis of TCEQ Surface Water Quality Sampling Data Collected on 3/24/19 (preliminary lab results)

The TCEQ previously reported its analysis of preliminary surface water quality data. The TCEQ has since analyzed additional preliminary surface water quality data. This TCEQ analysis is an addendum to the original TCEQ Analysis of TCEQ Surface Water Quality Sampling Data.

The Texas Commission on Environmental Quality (TCEQ) received preliminary surface water quality data for 139 constituents at six (6) different sites. One sample was collected at each site on March 24, 2019 by the TCEQ's staff. The constituents consist of inorganics, organics, and oil and grease in water. The sampling sites were the following:

- HSC @ CM 120
- HSC @ Morgans Point
- Galv. Bay @ Sylvan Beach
- UGB @ 97GB0074
- Galv. Bay @ GPS 063
- Seabrook @ CM2

This assessment is based on preliminary results received from the laboratory. These laboratory results are subject to change once the final report is issued. The TCEQ is providing the assessment of preliminary results in abundance of caution to make this information publicly available as quickly as possible. As sample results are received, or additional water quality sampling is completed, the data will be assessed, and results made available.

The TCEQ used the Texas Water Quality Standards and the Texas Risk Reduction Program as references for determining the known health protective concentration levels (PCLs) in surface water. PCLs are very conservative and below levels where we would expect any health impacts. The TCEQ is using these PCLs to evaluate impacts to aquatic life and human health. No public drinking water system draws its source water from the Houston Ship Channel. This methodology was also used for previously reviewed data from samples collected by ITC and will be used to review samples from the TCEQ.

- 139 constituents were analyzed but were not detected (not detected above the method detection limit or quantitation limit);
- No constituents had results detected above the method detection limit or quantitation limit.