

TCEQ Analysis of ITC Water Quality Sampling Data

The Texas Commission on Environmental Quality (TCEQ) assessed water quality data from 16 samples collected on March 18, 2019 by Intercontinental Terminal Company (ITC). The samples were collected at the Gate 13 ditch. There are 117 constituents that the TCEQ assessed and 74 of those were assessed with known health protective concentration levels. The constituents consist of organics in water, chemical oxygen demand (COD), and oil and grease. As TCEQ receives additional water quality sampling the data will be assessed and results will be made available.

The TCEQ used protective concentration levels to evaluate impacts to aquatic life and human health.

- 88 constituents were analyzed but not detected above the method detection limit/sample detection limit;
- 6 constituents are still pending further TCEQ evaluation
- 23 constituents had results detected above the method detection limit/sample detection limit (14 of which were below their known protective concentration level);
 - Below is a table of 9 constituents that exceeded their known protective concentration level.

Constituent	Maximum (micrograms/L)	Protective Concentration Levels (micrograms/L)
Xylenes, Total	83000	850
Pyrene	11	0.24
Anthracene	6.8	0.18
Benzene	9800	581
Ethylbenzene	10000	1867
Toluene	4900	1000
Phenanthrene	17	4.6
Fluoranthene	10	2.96
2-Methylnaphthalene	33	30