None of the drinking water samples collected from across the City of Corpus Christi water supply system tested positive for the presence of Indulin AA-86 in drinking water at method detection levels of 0.05 mg/l for LCMS and 0.25 mg/l for GCMS. The EPA and TCEQ toxicologists established an health based action level of 2.6 mg/l for Indulin AA-86 in drinking water.

EPA's laboratory has completed a full quality control review of the data and the Analytical results are to be considered final. Analytical methods used for these tests are new and developed specifically for drinking water samples collected from Corpus Christi. The analytical methods have not been validated and the EPA Houston Laboratory is not certified to test for this chemical. Quantitation was made using pure Indulin AA-86 [fatty amine derivative] product that was collected in the field and provided to the Houston Laboratory by the State of Texas. The salt form of Indulin AA-86 was needed to match the operations at the facility and created using hydrochloric acid with a ratio of product to salt of 1.0:1.1, per information provided by Ingevity, the manufacturer. Laboratory creation of the salt form of Indulin AA-86 results in uncertainty of the reference material and results are to be considered estimates. Standard quality control procedures were followed.

LEGEND
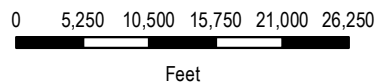
● Sample Locations

Zones
Zone 1
Zone 2
Zone 3

ND = The material was analyzed for, but was not detected above the method detection limit. The value returned is an estimate and may be inaccurate or imprecise

Resample and Non-Complaint Sampling Locations Final Results

0   5,250   10,500   15,750   21,000   26,250
Feet

N

TCEQ
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

US EPA REGION 6

Sampling Locations

Map labels: RS-033, RS-027, RS-006, RS-016, RS-028, RS-017, RS-024, RS-001, RS-002, RS-005, RS-021, RS-031, RS-025, RS-003, RS-032, RS-018, RS-030, RS-004, RS-020, RS-007, RS-019, RS-029, RS-008, RS-012, RS-013, RS-009, RS-010, RS-015, RS-011, RS-014

Map place names: Koch Refinery, Viola Channel, Nueces Bay, Ingleside on the Bay, Corpus Christi, Corpus Christi Int'l Airport, Corpus Christi Bay, West Oso Creek, Oso Creek, Cabaniss Field, Ward Island, Cayo del Oso, Corpus Christi Naval Air Station, Mustang Island SP, Waldron Field, Padre Island