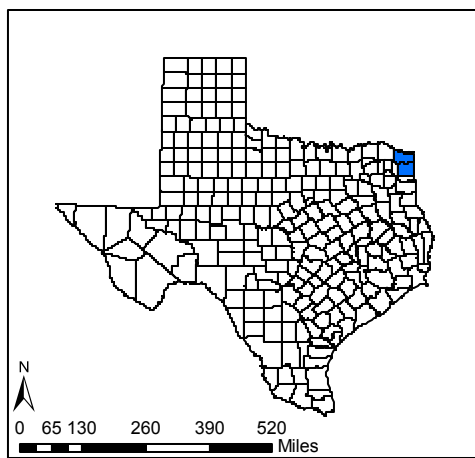


Air Pollutant Watch List Area

APWL0501 - Hydrogen Sulfide Not in a City, Bowie & Cass Counties, Texas

Texas Commission on Environmental Quality



Map created on June 17, 2009

This map was generated by the Toxicology Division (TD) of the Texas Commission on Environmental Quality. No claims are made to the accuracy or completeness of the data, or to the suitability of the map for a particular use. This APWL area of concern may contain facilities which have not been identified by the TD. For more information regarding this map, please contact the TD at (512)239-1795.

Where is the Area of Concern Located?

- * North of FM 74
- * South of 151/245
- * East of SH 59
- * West of TX/LA state border

Why is this Location and Pollutant(s) on the APWL?

In 1998-1999, an Environmental Protection Agency (EPA) air monitoring study measured concentrations of hydrogen sulfide (H₂S) that frequently exceeded the odor threshold and 30-minute state regulatory standard for H₂S near the International Paper Company (IP) in Domino, Texas. A TCEQ mobile monitoring trip in August 2001 near IP measured persistent concentrations of H₂S above its odor threshold, and staff reported rotten egg odors which are characteristic of H₂S, although concentrations above the state regulatory standard were not measured. In September 2009, TCEQ Small Business and Local Government Assistance (SBLGA) staff conducted air sampling using a Jerome H₂S analyzer. Although not directly comparable to the 30-minute standards, survey measurements using the Jerome H₂S analyzer indicated one instantaneous H₂S concentration above the standard. Staff also reported odors from sources in addition to IP (e.g., animals). Based on the results from the 2009 investigation, TCEQ continues to support efforts to reduce H₂S levels in this area.

Number	Company Name	RN
205	INTERNATIONAL PAPER COMPANY	RN100543115