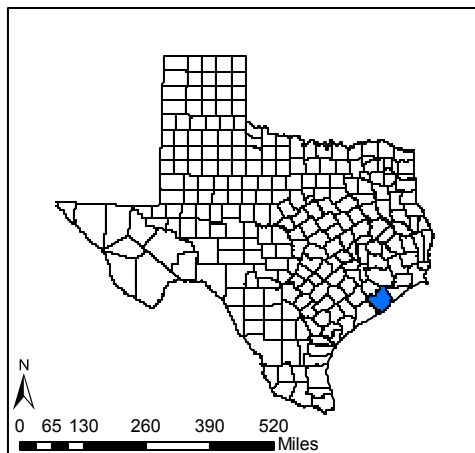


Air Pollutant Watch List Area

APWL1201 - Arsenic, Cobalt, Nickel, & Vanadium Freeport, Brazoria County, Texas

Texas Commission on Environmental Quality



Map created on June 26, 2009
Narrative revised on February 17, 2011

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 Hwy 36/Hwy 288/Old Quintana Rd (extended to the Gulf of Mexico)
- * **South** of Hwy 332
- * **East** of State Hwy 227
- * **West** of the Gulf of Mexico

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

Repeatedly, elevated short-term nickel, arsenic, vanadium, and cobalt levels exceeding their respective Air Monitoring Comparison Values (AMCVs) were measured near Gulf Chemical and Metallurgical Corporation (GCMC) in Freeport during yearly mobile monitoring trips conducted 2005 - 2010. Short-term exposures to elevated concentrations of the aforementioned metals have the potential to cause respiratory symptoms; short-term exposures to any constituent at concentrations that produce respiratory symptoms may exacerbate existing medical conditions.