

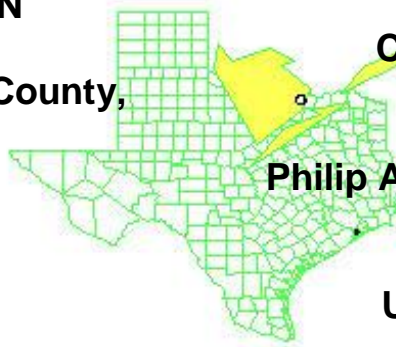
**TEX TIN CORPORATION  
SUPERFUND SITE  
Texas City, Galveston County,  
Texas**

**EPA Region 6  
Congressional District: 14**

**Contact:  
Philip Allen, P.E. (214)-665-8516**

**EPA ID: TXD062113329  
Site ID: 0602105**

**Updated: December 2011**



## **Background**

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The Tex Tin Corporation Superfund Site is located in Texas City, Texas. The Site is located approximately 10 miles north of Galveston, in the southeast quadrant of the intersection of Farm-to-Market Road 519 and State Highway 146. The city of La Marque lies 2,000 feet to the west and northwest of the former tin and copper smelting facility. More than 10,000 people reside within a 1 mile radius of the Site. The area north and east of the site are dominated by large petrochemical facilities. A municipal golf course, an industrial waste disposal facility, and marsh areas are located less than 0.5 mile to the south and southwest of the Site. The southern boundary and a portion of the western boundary of the Site are fenced with a 3-strand barbed wire fence. The remainder of the fence surrounding the Site is a 7-foot chain link fence. The former tin smelter at Texas City was constructed by the United States government as a World War II emergency tin supply plant, and operated under a government contract from 1941 to 1956 as the Tin Processing Corporation. From 1941 through 1989, the facility primarily produced tin.

The Tex Tin Corporation Superfund site includes four operable units:

- OU No. 1 encompasses approximately 140 acres and is the former tin and copper smelting facility. OU No. 1 also includes off-site Ponds 22, 24, 25, and 26.
- Operable Unit No. 2 includes approximately 29 acres of the former facility that is currently owned by BP Amoco Corporation.
- Operable Unit No. 3 represents the La Marque residential areas located approximately 2,000 feet northwest from the smelter facility.
- Operable Unit No. 4 refers to the Swan Lake ecosystem consisting of the area between the hurricane levee and the shell barrier islands separating Swan Lake from Galveston Bay, and includes Swan Lake, its associated salt marsh habitats, and the Wah Chang ditch east of Loop 197.

## **Current Status**

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- Current site activities at the Tex Tin site consist of yearly O&M inspections and ground water monitoring to insure that the remedy remains protective of human health and the environment.

- The second Five-Year Review was completed on September 29, 2005. The Five-Year Review determined that the remedy for the Tex Tin Site is protective of human health and the environment and will remain so provided certain actions are taken, including creation of Institutional Controls to maintain the integrity of the protective cap. The third Five Year Review is currently underway.
- The third Five-Year Review Report was completed in September 2010; and concluded that the remedy remains protective of human health and the environment.
- The Environmental Protection Agency (EPA) Region 6 achieved Construction Completion for the Tex Tin Corporation Superfund Site with the signing of the Preliminary Closeout Report on September 20, 2004. Construction cleanup activities have been completed for all four operable units that comprise the Tex Tin Superfund Site.
- On July 1, 2003, the EPA, the Texas Commission on Environmental Quality (TCEQ), and the City of Texas City signed the first, in the country, Superfund Ready for Reuse Determination.
- On December 3, 2003, EPA, TCEQ, and the City of Texas City signed the second Superfund Ready for Reuse Determination for the Site.

## Benefits

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- Cleanup of residential properties was conducted to meet residential health standards so that these properties can continue to be used for residential purposes.
- Cleanup of the former smelter facility and related properties addressed the source of contamination associated with the Tex Tin site and prevented the threat of potential site and off-site contamination to public health and the environment.
- The remedial action for the Swan Lake Salt Marsh Area will provide protection to ecological receptors in the marsh area and Swan Lake. The remedial action will prevent potential releases of contaminated sediments to the environment.
- A development company plans to use the site as a container facility to support the new Texas City megaport facility that will cost more than \$600 million and add nearly 2,000 direct and indirect jobs to the area has purchased the former smelter property.

## National Priorities Listing (NPL) History

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Proposal Date: June 17, 1996  
 Final Listing Date: September 18, 1998

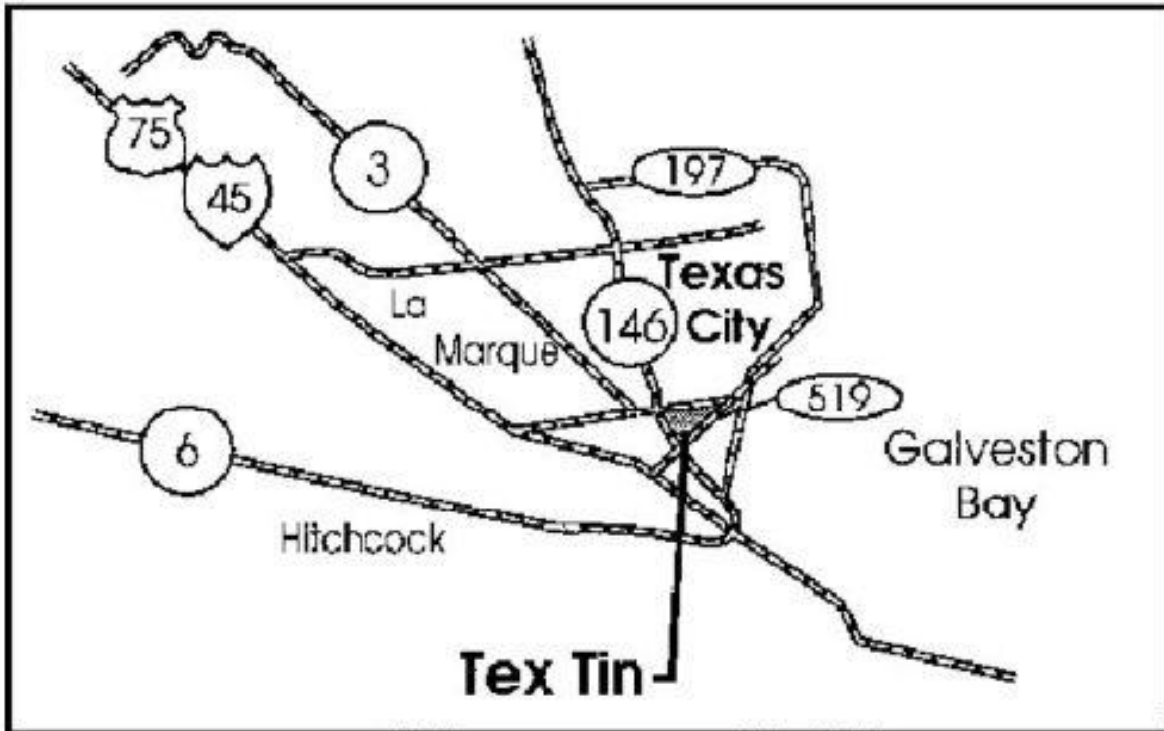
Population: An estimated 25,000 people live within a three-mile radius of the site.

Setting: The 170-acre Tex Tin site is a former tin and copper smelter. The site contained numerous waste piles, five waste water treatment ponds, open and closed acid ponds, slag piles, a permitted low level radioactive waste landfill, and an inactive hydrocarbon recovery facility. Industrial facilities are located north and west from the Site and marsh areas are located to the south.

Hydrology: The Chicot aquifer is located several hundred feet below the site. Shallow transmissive zones that are no used for drinking water purposes overlie the Chicot aquifer.

## Site Map

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## Health Considerations

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- Potential human exposure risks identified for the Tex Tin site included inhalation of contaminated particulates from site soils, incidental ingestion of sediments, soils, shallow ground water, and dermal contact with soils.
- Inorganic
- Constituents released at the site have impacted surface soils and sediments, subsurface soils, and ground water.

## Records of Decision

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OPERABLE UNIT NO. 1 – MAY 17, 1999  
OPERABLE UNIT NO. 1 – AMENDED SEPTEMBER 28, 2000  
OPERABLE UNIT NO. 3 – SEPTEMBER 29, 2000  
OPERABLE UNIT NO. 2 – SEPTEMBER 27, 2001  
OPERABLE UNIT NO. 4 – SEPTEMBER 27, 2001

## Site Contacts

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