

Bailey Waste Disposal NPL

Case History: The Bailey Waste Disposal NPL site is located near Bridge City, in Orange County, Texas. EPA describes the site as receiving industrial and commercial waste since 1950, and being “located in a marsh area.” Contaminants at the site included aromatic volatile hydrocarbons, chlorinated hydrocarbons, polycyclic aromatic hydrocarbons (PAHs), naphthalene compounds, semi-volatile metal compounds, and arsenic. Contamination has been documented on 10 acres within the site. Contaminated marsh sediments have been removed to a Class 1 land-fill contaminated soils were consolidated and capped. The Trustees and Responsible Parties (RPs) came to an agreement that 28 acres of marsh habitat would need to be created to compensate the public for natural resource injuries. The Consent Decree was completed in 2001 and a Restoration Plan was completed in January 2003.



Responsible Parties:

Chevron Chemical Co., DuPont Industries, Gulf State Utilities, Phillips Oil Co., Texaco Oil Co., and Uniroyal/Goodrich Tire Co.

Trustees:

[Texas Parks and Wildlife Department](#) (TPWD)

[Texas Commission on Environmental Quality](#) (TCEQ)

[Texas General Land Office](#) (TXGLO)

[NOAA](#)

[DOI-FWS](#)

Current Status: Settlement for this site was \$619,000. The Trustees negotiated a 3:1 match with the U.S. Army Corps of Engineers and Jefferson County Navigation District for dredge material which was used to construct 71 acres of marsh habitat at the [Bessie](#)

[Heights](#) marsh area. A series of containment levees were constructed to trap dredge material removed from the Neches River. The Bessie Heights marsh had subsided leaving much of the marsh too deep to support emergent aquatic vegetation. Subsidence of the marsh caused saltwater intrusion to impact marsh vegetation as well. Marsh construction was completed in 2004 and emergent vegetation has reestablished throughout the site. This site is currently in the restoration monitoring phase. An additional second marsh construction phase may be done at a later date at the Bessie Heights marsh if viable partners can be identified.

Documents:

The links below will allow you to view documents concerning the Bailey Waste Disposal NRDAR.

Some documents will be in PDF format and you will need [Adobe Acrobat Reader](#) to view them. Some files may be large so note the file size before downloading.

[Consent Decree](#) United States and Texas v. Browning-Ferris Industries Chemical Services, Inc. et al., No. 1-00CV386 (E.D. Tex.), Filed 09/05/2000.

Bailey Waste Site [Final Restoration Plan](#)

[EPA Bailey Waste Site](#) – pending delisting

U.S. Army Corps of Engineers [Bessie Heights Restoration Project](#) (pdf)

Contacts:

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Other Links:

[Region 2 Environmental Contaminants Program Homepage](#)

[U.S. Fish and Wildlife Service Environmental Contaminants Program Washington Office Homepage](#)