

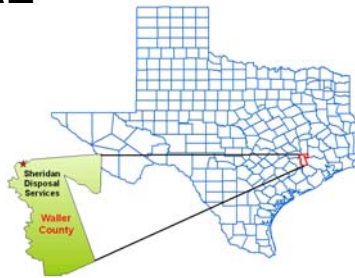
SHERIDAN DISPOSAL SERVICES (WALLER COUNTY) TEXAS

**EPA REGION 6
CONGRESSIONAL DISTRICT 10**

**Contact:
Gary Baumgarten
214-665-6749**

**EPA ID# TXD062132147
Site ID: 0602108**

Updated: November 2009



Current Status

An Amended Record of Decision (ROD) to modify the remedy selected for the Source Control Operable Unit was approved in December 2002. EPA revised the remedy by eliminating biotreatment of site wastes prior to stabilization and capping. All other components of the 1988 ROD were retained. The Consent Decree for the Source Control Operable Unit was amended to include the remedy change documented in the Amended ROD. The revised Consent Decree was entered in May 2004.

The potentially responsible parties' (PRPs') remedial design/remedial action contractor finalized the 100% Remedial Design/Remedial Action (RD/RA) work plan, which EPA approved on April 29, 2005.

The PRPs' contractor has completed remediation of the Source Control Operable Unit. Agency representatives conducted a pre-certification inspection on January 18, 2006.

The Preliminary Close Out Report, which documents that construction of all cleanup activities are complete at the site, was signed by EPA on May 1, 2006.

Ground water and surface water sampling is conducted periodically to monitor site conditions. The latest ground water sampling event occurred in May 2009.

Benefits

The remediation, once completed, will prevent contamination from migrating into ground water and prevent contaminated ground water from discharging into the Brazos River.

National Priorities Listing (NPL) History

NPL Proposal Date: June 10, 1986
NPL Final Date: March 31, 1989

Site Description

Location: The site is about nine miles northwest of Hempstead in Waller County, at the border of Washington County, Texas. The facility is bounded by the Brazos River (north) and Clark Road (south) and the surrounding area is primarily farm and grazing land.

Population: Hempstead, which is the county seat of Waller County, has an estimated population of 4,700 people.

Setting: The site area is agricultural and includes a 15-acre lagoon and 40-acre evaporation pond.

Site Map



Wastes And Volumes

The principal pollutants in sludges in the former waste lagoon at the Sheridan site include approximately 5% volatile organic compounds such as benzene, ethyl benzene, toluene, and trichloroethylene (TCE); polychlorinated biphenyls (PCBs) at approximately 100 parts per million (ppm); and roughly 30% inorganic compounds such as heavy metals.

The volume of wastes at the site is estimated to be 44,000 cubic yards of sludge and contaminated soil found primarily in the waste lagoon.

Health Considerations

Contaminants have been identified in the upper aquifer that is connected to the Brazos River.

The Brazos River and the shallow alluvial aquifer and Evangeline Aquifer are used for drinking water.

Record of Decision (ROD)

Source Control Operable Unit:
Amended ROD signed December 4, 2002
Ground Water Operable Unit:
September 27, 1989

The ROD sets forth the selected remedy for the Site, which involves actions to address wastes in the lagoon and contaminated ground water in the shallow alluvial aquifer. The selected remedy is a comprehensive approach for the Site and addresses all current and potential future risks caused by sediment and soil contamination.

The major components of this remedy are:

Source Control:

- The remedy selected for the Sheridan site waste ponds, tanks and soils in the Amended Record of Decision (ROD) is in-situ solidification/stabilization.
- Wastes to be treated include all those containing greater than twenty-five ppm PCBs, floating oil and emulsion in the waste pond and storage tanks, affected soil beneath the waste lagoon, and dike surface soils.
- A flexible spur jetty riverbank erosion control system was installed in the Brazos River.
- An RCRA-compliant cap will be installed over the entire lagoon and dike area.

Ground Water:

- Natural attenuation was the remedy selected in the ground water ROD.
- This remedy relies on natural processes such as sorption and biodegradation for in-place mitigation of contaminated ground water in the aquifer.
- Alternate Concentrations Limits (ACLs) were established as site ground water protection limits.
- Ground water will be monitored to ensure that ACLs are not exceeded.
- Sampling and analysis of the Brazos River to be conducted immediately downgradient and upgradient of the point-of-entry of ground water from the site into the river.
- Development of a corrective action plan to ensure that protective levels are met at the point of potential exposure if ACLs are exceeded.

Site Contacts

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| EPA Remedial Project Manager: | Gary Baumgarten | 214-665-6749 |
| EPA Community Involvement Coordinator | Gary Baumgarten | 214-665-6749 |
| EPA Site Attorney: | Anne Foster | 214-665-2169 |
| EPA Regional Public Liaison: | Donn Walters | 214-665-6483 |
| TCEQ Contact: | Fay Duke | 512-239-2443 |

EPA Superfund Region 6 Toll Free Number: 1-800-533-3508