

## **EPA SUPERFUND UPDATE – HURRICANE HARVEY**

### **Sheridan Disposal Services UPDATED**

*Post-Hurricane Harvey conditions of groundwater and soil at Sheridan Disposal Services are consistent with historical site conditions that existed before the hurricane made landfall.*

On September 13, 2017, groundwater samples were collected and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals to evaluate the potential effects from Hurricane Harvey. In addition, soil samples were collected and analyzed for VOCs, SVOCs, metals and polychlorinated biphenyls (PCBs). No volatile organic compounds or semi-volatile organic compounds were detected in groundwater. Arsenic was detected in groundwater, however, the concentration was significantly below the cleanup level presented in the 1988 and 2002 Record of Decisions (RODs) for the Site. No VOCs, SVOCs or PCBs were detected in soil. The concentrations of metals detected in the soil samples were comparable to concentrations of metals from backfill material used in constructing the cap at the site.

The site remedy is operating as intended and remains protective of human health and the environment. There is no evidence of a current exposure pathway from the treated waste material in the former waste lagoon because there are no breaches in the cap. Institutional controls to preclude the use of contaminated groundwater and ongoing operation and maintenance ensure the long-term integrity of the cap. The remedial action completed for the groundwater portion of the remedy continues to meet the remedial action objectives. Concentrations of groundwater contaminants of concern continue to be lower than the cleanup levels identified for the Site. Operation and maintenance (O&M) activities include routine inspections and maintenance of the cap, the site storm water drainage system, and the site monitoring wells, as well as long-term groundwater monitoring.

The Site is located in northern Waller County, Texas, approximately nine miles north-northwest of the City of Hempstead, Texas. Sheridan Disposal Services operated as a commercial waste disposal facility from about 1958 to 1984. A wide variety of organic and inorganic chemicals and solid wastes were disposed of at the Site. The facility treated waste by steam distillation, open burning, and incineration. The waste lagoon was developed as a holding pond for the disposal of overflow wastes and waste treatment residues including ashes, combustion residuals, and liquid wastes.

The next site evaluation will be during the Superfund Five-Year Review. EPA is responsible for reviewing Superfund remedial actions at least every five years where hazardous substances, pollutants or contaminants will remain on site above levels that allow for unlimited use and unrestricted exposure. The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) also requires that EPA report to Congress regarding these sites. A Superfund Five-Year Review Report to Congress is prepared each fiscal year.