



Texas

NWIRP McGregor

Facility and Location

Naval Weapons Industrial Reserve Plant (NWIRP) McGregor was a government-owned, contractor-operated facility operated by Hercules, Inc. approximately 20 miles southwest of Waco. The plant formerly operated as an aircraft bomb loading plant that produced solid propellant rocket motors. On October 30, 2006, the Navy returned the last of the 9,700 acres to the city of McGregor for economic redevelopment. This transfer marked the culmination of a 14 year project that established new standards for innovative technologies and generated a fresh perspective for best business practices for future remediation projects. The projects conducted at this plant garnered numerous awards and recognition and demonstrated a successful collaboration among the Navy, EPA, city of McGregor, and Texas Commission on Environmental Quality.

Media Sampled and Findings

Drinking Water — There are no drinking water sources on or near NWIRP McGregor.

Groundwater — In 2007, 4 of 39 samples detected perchlorate at 1,300 ppb. Prior to 2007, 2,506 of 3,773 samples detected perchlorate up to 91,000 ppb.

Sediment — Prior to 2007, 8 of 279 samples detected perchlorate from 0.12 to 0.72 ppb.

Soil — Prior to 2007, 265 of 945 samples detected perchlorate from 0.02 to 1,800 ppb.

Surface Water — Prior to 2007, 640 of 2,539 samples detected perchlorate up to 6,600 ppb.

Appropriate Actions

At NWIRP McGregor, the Navy's in situ biological treatment system has treated perchlorate in groundwater and soil. This is the first and world's largest full scale biowall application for groundwater remediation of perchlorate and volatile organic compounds. In October 2007, NWIRP McGregor became the very first Navy facility to receive a ready for reuse determination from EPA. This verifies that environmental conditions at the property are protective of human health and the environment for its current and future commercial, industrial, and agricultural uses. A Record of Decision was completed.