

## HAZARDOUS, TOXIC, AND RADIOACTIVE WASTE

1.0 A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR, Inc.) along Leon Creek in San Antonio, Texas at the request of the U.S. Army Corps of Engineers, Fort Worth District, Environmental Design Branch (CESWF-PER-D). The purpose of the search was to identify any sites where hazardous substances or petroleum products have been released or are likely to have been released to soil, groundwater, or surface water which might be encountered during construction of flood control projects in the subject area. Two final reports listing all sites found in the records search were submitted on February 5, 2007 and April 23, 2007 by EDR, Inc. according to requirements of ASTM Standard Practice for Environmental Site Assessments, E1527-05, and are included as an attachment to this report. The two EDR reports respectively address the upper portion of Leon Creek north and west of IH 410 in San Antonio, and the lower portion south and east of IH 410. The complete search area extended in a 1/2 mile wide corridor, beginning at the headwaters of Leon Creek northwest of San Antonio at latitude (north) 29.67884 degrees and longitude (west) 98.71734 degrees, and ending downstream at the confluence of Leon Creek and the Medina River south of San Antonio at latitude (north) 29.26443 degrees and longitude (west) 98.49435 degrees.

2.0 Sites were identified in the reports that could impact the design and construction of flood control projects for Leon Creek. Locations of these sites relative to the current channel of Leon Creek are shown on the accompanying EDR report figures. Some sites are of greater concern and should be avoided in the design and construction of any flood control improvements if possible, but if avoidance is not feasible further investigation is recommended. Sites of greatest concern were noted in the following databases listed in the EDR reports: Solid Waste Facility/Landfill (SWF/LF), Closed Landfill Inventory (CLI), Emergency Response Notification System (ERNS), Hazardous Materials Incident Report System (HMIRS), Leaking Underground Storage Tank Incident Reports (LTANKS), Spills (TX SPILLS), and Enforcement (ENF). These sites are listed in Section 4.0 at the end of this report with reference to inclusion in the EDR reports as either being in the upper (north) portion or the lower (south) portion of Leon Creek.

Sites which should specifically be avoided if possible are those listed in the SWF/LF, CLI, and LTANKS databases. Unknown material placed in these closed or inactive landfill sites could negatively impact construction as well as be potentially hazardous pending further characterization. Residual soil or groundwater contamination by petroleum products may remain at leaking underground storage tank sites listed in the LTANKS database, and although contamination in situ may not be at hazardous levels from an environmental standpoint, construction activities impacting these sites might require implementation of supplemental worker protection measures and special handling of excavated material.

Other sites of possible concern in this report include those listed in the ERNS, HMIRS, TX SPILLS, and ENF databases. An unknown type of oil was spilled at one site listed in the ERNS database, and uncovered barrels of motor oil and antifreeze released onto the ground were reported at another. Two sites were listed in the HMIRS database, however further information regarding any potential residual contamination was not found. Abandoned drums released an estimated 115 gallons of cement additives

at one site listed in the TX SPILLS databases and a spill of an estimated 280 gallons of diesel fuel occurred at another, with cleanup at each reported as inadequate. Formal written Notices of Violation were issued by the Texas Commission on Environmental Quality (TCEQ) at two sites listed in the ENF database for waste violations.

3.0 The point of contact with CESWF-PER-D regarding this report is Barry Vercoe, 817-886-1876.

4.0 Site Summary List

SWF/LF, CLI Sites (North)

Map Location: 26-20  
Address: 5930 Heliport Drive, San Antonio, TX 78228  
Property Name: N/A  
Status: 5 acres, waste types unknown  
Latitude/Longitude: N29.450000, W98.633333

SWF/LF, CLI Sites (South)

Map Location: 7-1  
Address: 9800 West Commerce Street, San Antonio, TX 78227  
Property Name: N/A  
Status: 36 acres, waste types unknown  
Latitude/Longitude: N29.430833, W98.616667

SWF/LF Sites (South)

Map Location: 24-7  
Address: 8423 Quintana Road, San Antonio, TX 78211  
Property Name: Darling International Liquid Transfer Station  
Status: Inactive  
Latitude/Longitude: N29.3378300, W98.58550

Map Location: 30-9  
Address: 9782 Somerset Road, San Antonio, TX 78211  
Property Name: Somerset Road Recycling Center  
Status: Active  
Latitude/Longitude: N29.3211111, W98.58527

CLI Sites (South)

Map Location: 3-1  
Address: 9800 West Commerce Street, San Antonio, TX 78227  
Property Name: West S.A. #53  
Status: N/A  
Latitude/Longitude: N29.435833 W98.622833

Map Location: 10-1  
Address: 1210 Pinn Road, San Antonio, TX 78227  
Property Name: N/A  
Status: 8.80 acres, waste types unknown  
Latitude/Longitude: N29.429167, W98.619167

ERNS Sites (North)

Map Location: 34-20  
Address: 4706 Hidden Creek, San Antonio, TX 78238  
Property Name: N/A

ERNS Sites (South)

Map Location 20-7  
Address: 4648 Southwest Military Drive, San Antonio, TX 78242  
Property Name: ATI Automotive

HMIRS Sites (North)

Map Location: 35-20,21  
Address: 6850 Ingram Road, San Antonio, TX 78238  
Property Name: Ingram Mart

Map Location: 41-21  
Address: 7131 Culebra, San Antonio, TX 78251  
Property Name: Phillips Petroleum Company

LTANKS Sites (North)

Map Location: 4-4  
Address: 24152 IH 10, Leon Springs, TX 78257  
Property Name: Rudolphs Grocery  
Status: Soil contamination only, requires full site assessment and RAP  
Final concurrence issued, case closed

Map Location: 10-10  
Address: 6448 Camp Bullis Road, Leon Springs, TX 78257  
Property Name: Fisher Millwork  
Status: No groundwater contamination, no apparent threats or impacts to receptors  
Final concurrence issued, case closed

Map Location: 18-18  
Address: 8022 Bandera Road, San Antonio, TX 78250  
Property Name: Joe W. Conrad  
Status: Soil contamination only, requires full site assessment and RAP  
Final concurrence issued, case closed

Map Location: 21-18  
Address: 7101 Eckhert Road, San Antonio, TX 78238  
Property Name: Tony McComas Inc.  
Status: Soil contamination, no remedial action plan required  
Final concurrence issued, case closed

Map Location: 27-20  
Address: 5411 Grissom, San Antonio, TX 78238  
Property Name: SNG Diamond Shamrock 2468  
Status: Assessment incomplete, no apparent threats or impacts to receptors  
Final concurrence issued, case closed

Map Location: 39-21  
Address: 7203 Culebra Road, San Antonio, TX 78251  
Property Name: Potranco Exxon Shop 62018  
Status: Groundwater impacted, no apparent threats or impacts to receptors  
Final concurrence issued, case closed

Map Location: 40-21  
Address: Potranco Road, San Antonio, TX  
Property Name: Rodger Ranch  
Status: Soil contamination only, requires full site assessment and RAP  
Final concurrence issued, case closed

Map Location: 43-21  
Address: 7038 Culebra Road, San Antonio, TX 78238  
Property Name: Fire Station 35  
Status: Soil contamination only, requires full site assessment and RAP  
Final concurrence issued, case closed

#### LTANKS Sites (South)

Map Location: 6-1 (2 Sites)

Address: 440 Pinn Road, San Antonio, TX 78227  
Property Name: Olmos Construction, Inc.  
Status: Impacted groundwater within 500 feet - 1/4 mile to the southwest  
Final concurrence Issued, case closed

Address: 440 Pinn Road, San Antonio, TX 78227  
Property Name: Pinn Road Landfill  
Status: Minor soil contamination, does not require a RAP  
Final concurrence Issued, case closed

Map Location: 18-4 (8 Sites)

Address: Lackland Air Force Base, Building 2886, San Antonio, TX 78236  
Property Name: Lackland Air Force Base  
Status: No groundwater impact, no apparent threats or impacts to receptors  
Final concurrence Issued, case closed

Address: Lackland Air Force Base, Building 5008A, San Antonio, TX 78236  
Property Name: Lackland Air Force Base  
Status: Groundwater impacted, no apparent threats or impacts to receptors  
Final concurrence Issued, case closed

Address: Lackland Air Force Base, Building 1525, San Antonio, TX 78236  
Property Name: Lackland Air Force Base AAFES Service Station ST26  
Status: Groundwater impact, public/domestic water supply well within 1/4 - 1/2 mile  
Site assessment

Address: Lackland Air Force Base, Building 5023, San Antonio, TX 78236  
Property Name: Lackland Air Force Base  
Status: Groundwater impacted, no apparent threats or impacts to receptors  
Final concurrence pending documentation of well plugging

Address: Lackland Air Force Base, Building 5005, San Antonio, TX 78236  
Property Name: Lackland Air Force Base  
Status: Groundwater impact, public/domestic water supply well within 1/4 - 1/2 mile  
Final Concurrence Issued, case closed

Address: Lackland Air Force Base, Building 9269, San Antonio, TX 78227  
Property Name: Lackland Air Force Base  
Status: Soil contamination only, requires full site assessment and RAP  
Final concurrence Issued, case closed

Address: Lackland Air Force Base, Building 4895, San Antonio, TX 78236  
Property Name: Lackland Air Force Base  
Status: No groundwater impact, no apparent threats or impacts to receptors  
Site assessment

Address: Lackland Air Force Base, Building 1415, San Antonio, TX 78236  
Property Name: Lackland Air Force Base  
Status: Groundwater impacted, no apparent threats or impacts to receptors  
Final concurrence Issued, case closed

Map Location: 28-9  
Address: 9089 New Laredo Highway, San Antonio, TX 78208  
Property Name: Welcome Travelers  
Status: Soil contamination, no remedial action required  
Final concurrence issued, case closed

#### TX SPILLS Sites (North)

Map Location: 25-20  
Address: 6449 Low Bid Lane, San Antonio, TX 78250  
Property Name: N/A

#### TX Spills Sites (South)

Map location 16-3  
Address: 6428 Marcum Drive, San Antonio, TX 78227  
Property Name: Hall Trucking

TX VCP Sites (South)

Map Location: 17-4  
Address: 5827 Highway 90 West, San Antonio, TX 78227  
Property Name: Levi Strauss & Company Facility 614F

ENF Sites (North)

Map Location: 17-18  
Address: 8030 Mainland Drive, San Antonio, TX 78250  
Property Name: Econo Auto Painting

ENF Sites (South)

Map Location: 8-1  
Address: 543 Pinn Road, San Antonio, TX 78227  
Property Name: Stop N Go 1543

In April 2008 PER-D personnel retained the services of Environmental Data Resources (EDR) to conduct a data base search of the Jet Engine Test Cell, located near SW Military Drive and Leon Creek. EDR conducted the search in accordance with ASTM E1527.

The EDR search identified numerous areas of concern occupied by holding tanks or which may have been spill sites. PER-D will conduct an on-site Phase I Environmental Site Assessment to determine if the areas of concern merit additional attention. Because the Test Cell is the site of a ground water treatment system PER-D personnel will likely conduct a limited Phase II Site Investigation to determine the presence of possible soil contamination caused by plumes associated with the contaminated groundwater. The Ph I ESA will also be useful in determining where to place the Ph II borings.