





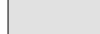
# #6. Brinkley-Anderson

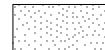



### Landfill Features

-  Estimated Landfill Boundary
-  Landfill
-  Landfill Buffer

### City of Austin Jurisdiction

-  FULL
-  LTD
-  2 MILE
-  5 MILE

-  Lot Lines
-  Roads
-  Water features



## Watershed Protection Development Review

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Date: 09.20.2006

### 3.6 #6, BRINKLEY-ANDERSON

**Location:** The Brinkley-Anderson landfill has been subdivided and is owned by several private entities. The landfill is located in northeast Austin just west of Hwy 183, at 21,000 Anderson Lane.

**Prior Use/ Extent:** The surface of the portion of the landfill at Exchange Drive and Centre Plaza is elevated approximately 10 feet above the surrounding ground surface. Borings advanced indicate that landfill materials do lie below the natural grade at this location. Seeps, as are described in the 1984 URM report, are still present along the embankments of Walnut Creek. Erosion along the embankment of Walnut Creek has exposed landfill materials in several places.

**Groundwater:** Investigations detected the presence of benzene, aldrin, PCBs, TPH, and metals in the groundwater at concentrations that exceed the Texas Risk Reduction Program (TRRP) Tier 1 Groundwater Protective Concentration Levels (PCLs). Leachate (seep) and surface water sampling indicated that the concentrations of metals, VOCs, pesticides and PCBs are similar to those detected in the groundwater samples collected, but are not at levels hazardous to human health. Soil gas sampling indicated elevated concentrations of methane typical for landfills, primarily in the central and eastern portions of the landfill.

**Remediation:** A semi-active soil venting system has recently been installed at the day care center along the property line shared by the landfill. The Salado at Walnut Creek Apartments are located adjacent to and above portions of the landfill. The Salado at Walnut Creek apartment complex includes a site-wide semi-active soil venting system, as well as active gas monitors and alarm system within each ground-floor apartment.

**Current Condition:** Current conditions associated with this site may pose a current or future material concern to human health or the environment, based on the following factors:

- proximity of structures adjacent to the landfill,
- exposed landfill materials due to erosion at the stream bank,
- presence of Walnut Creek within the landfill,
- presence of seeps/ leachate from the landfill, and
- unrestricted public access.

**Reference:** Information in this fact sheet comes from the following:

1. Geomatrix Consultants. November 2004. *2004 Supplemental Assessment to Landfills in the Vicinity of Austin, TX*. Prepared for City of Austin Public Works Department.
2. Underground Resource Management, Inc. November 1984. *Landfills in the Vicinity of Austin, TX*. Prepared for the City of Austin.