

#2. Balcones Research Center #1, #2, #3



0 250 500 1,000 Feet



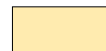


**Watershed Protection
Development Review**

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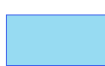
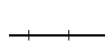
Date: 09.20.2006

Landfill Features

-  Estimated Landfill Boundary
-  Landfill
-  Landfill Buffer

City of Austin Jurisdiction

-  FULL
-  LTD
-  2 MILE
-  5 MILE

-  Lot Lines
-  Roads
-  Water features
-  Railroad Lines

3.2 #2, BALCONES RESEARCH CENTER

Location: The Balcones Research Center landfill is owned by the University of Texas and is located in northwest Austin, at 10,000 Burnet Road.

Extent/ Prior Use: Three waste disposal sites have been identified on the property. The first, reported in the 1984 URM report, was a slit trench site where plastic bags containing the wastes of a colony of research monkeys was buried. The University of Texas's Balcones Research Center Staff have indicated that, although attempts have been made by staff to locate the buried research monkey waste that is reported in the 1984 URM report, they have been unable to do so. The second (#2a) is 200 X 200 feet and was used from 1963 to August 1977 to dispose of low-level radioactive waste including paper towels, gloves, aprons, and broken glassware. These wastes were placed in 55-gallon drums or pasteboard boxes and buried in ditches 2 feet wide by 8-10 feet deep, with 10 feet of separation between ditches. There is a minimum of 4 feet of soil cover over the waste. The disposal area is fenced and marked. Site closed in 1977. In August 2001, the TCEQ determined that the radioactive waste disposal area is in compliance with the requirements of 30 TAC 336, subchapter G (relating to the licensing requirements and decommissioning standards for inactive radioactive waste disposal sites), and that the disposal area meets the decommissioning standards for Unrestricted Use, and that no further cleanup is required. The third disposal area (#2b) is an acid neutralization put within old lime slurry pits originally created by the magnesium processing plant which operated at the Research Center site during WWII. The lime slurry pits are 4-5 acres and 20-30 feet deep. They contain approximately 110,000 cubic yards of a white, semi-solid consisting primarily of calcium, magnesium, chloride, and sulfate. No longer active.

Groundwater: 1984 URM report indicated that groundwater wells installed for monitoring purposes indicated leachate was apparently migrating into groundwater from the acid neutralization site. Further information regarding status of groundwater in this area not available.

Remediation: In July 2004, the TCEQ accepted the acid neutralization waste site into the Voluntary Cleanup Program (VCP). Balcones Research Center is moving through the closure process within the VCP program and was in the process of evaluating what approach would be most appropriate for this site as of 2004.

Current Conditions: Site does not appear to pose a material concern to human health, or the environment, or represent a regulatory violation.

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.