

**Building 898:**

Mercury: Building 898 was a former dispensary and dental clinic located in the northeastern corner of Lowry. During initial investigations of the building, levels of mercury vapor were measured in the breathing zone that precluded unrestricted use. Additional sampling was conducted in 2002 to:

- establish whether removal of primary sources (sinks and associated piping) would lower mercury vapor concentrations to levels permitting unrestricted use
- establish whether potential secondary sources were emitting mercury vapor
- assess potential mercury contamination of soil and building materials in the crawlspace

Sampling results indicated that removing sinks and piping would likely lower mercury vapor concentrations in breathing zones to levels that would permit unrestricted use. However, the results also indicated that mercury associated with the flooring materials could pose a risk. Elevated mercury vapor concentrations were not detected in the crawlspace.

The Air Force decided to demolish Building 898, and the Colorado Department of Public Health and Environment approved the Air Force Study and demolition decision with the requirement that soil samples be collected during the demolition to assess any release of mercury to the environment.

Asbestos: In April 2007, Lowry Assumption, LLC submitted a letter work plan outlining the pre-demolition asbestos building inspection, the collection and analysis of debris waste generated during demolition, and soil sampling to be conducted following demolition. Because Building 898 was within a Lowry Historic District, consultation with the State Historic Preservation Office was required before demolition. The work plan described the consultation with the State Historic Preservation Office and their approval for demolition in January 2007.

In August 2007, asbestos abatement was conducted and Building 898 was demolished. Soil was sampled for mercury and results indicate that they are below Lowry Soil Action Levels and Toxicity Characteristic Leaching Procedure (TCLP) standards. Following demolition, asbestos was identified in the soil and access to the site was restricted. The remaining asbestos-contaminated building debris was remediated in early 2008, and Lowry Assumption Corporation is preparing closure documents for the building.