Work Methods

- Perform radiological characterizations
- Utility disconnects – electrical and water
- Hand tools and small electric tools
- Crane in the HASA to lift large pieces of equipment into waiting B-25 waste containers positioned at the rollup door.

B-25 waste container loaded during Small Cylinder Phase I Project

- Wastes shipped via highway on flatbed trailers to Nevada Test Site (NTS)

Schedule

- LPP is currently preparing the two separate work packages
- HAISP Mobilization to the Field: March 10, 2009
- HASA Mobilization to the Field: April 28, 2009
- Strip-out work, including waste packaging and shipment, will continue through August 2009

Contents of the HASA

- Two (2) electric autoclaves
- Multiple traps
- Multiple compressors
- Multiple power supplies and electrical equipment components
- Piping
- Miscellaneous materials and equipment

Building Modifications To Support Work

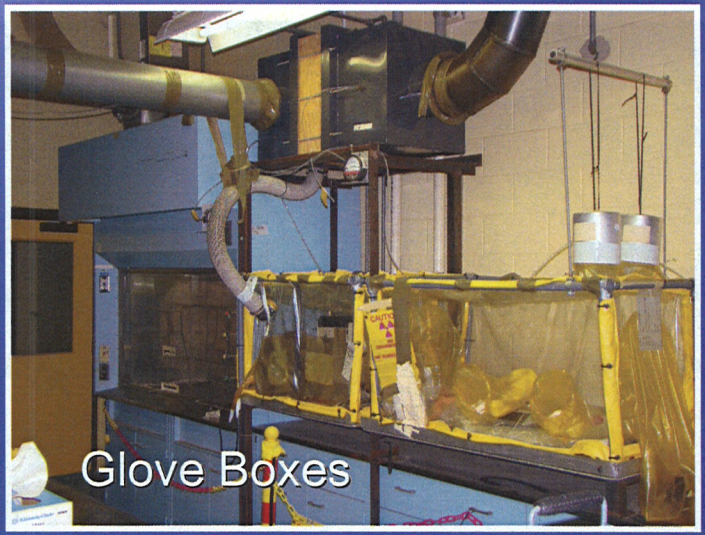
- Design and install a rollup door in the south wall of the HASA to allow access of electric fork trucks and other medium sized equipment.
- The door design will allow for an airtight seal to maintain a negative pressure on the HASA room.
- Exhaust in the HASA room will be vented using the existing HVAC system in the room.

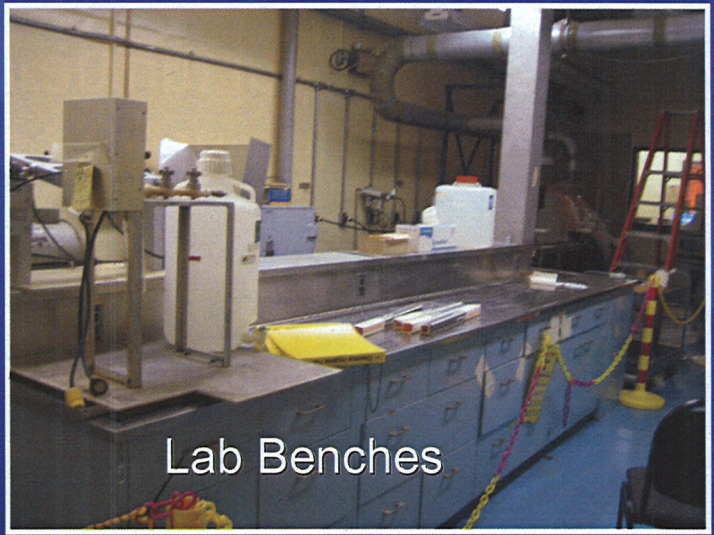
Overview

- The HAISP Lab and HASA Lab were transitioned to LPP in a shutdown condition in 2005 and have been shut down since then.
- The HAISP Lab was used for the analysis of metals and hydrogen / uranium in high-assay samples.
- The HASA Lab was used for sampling UF6 or for transferring UF6 from small cylinders to other containers.

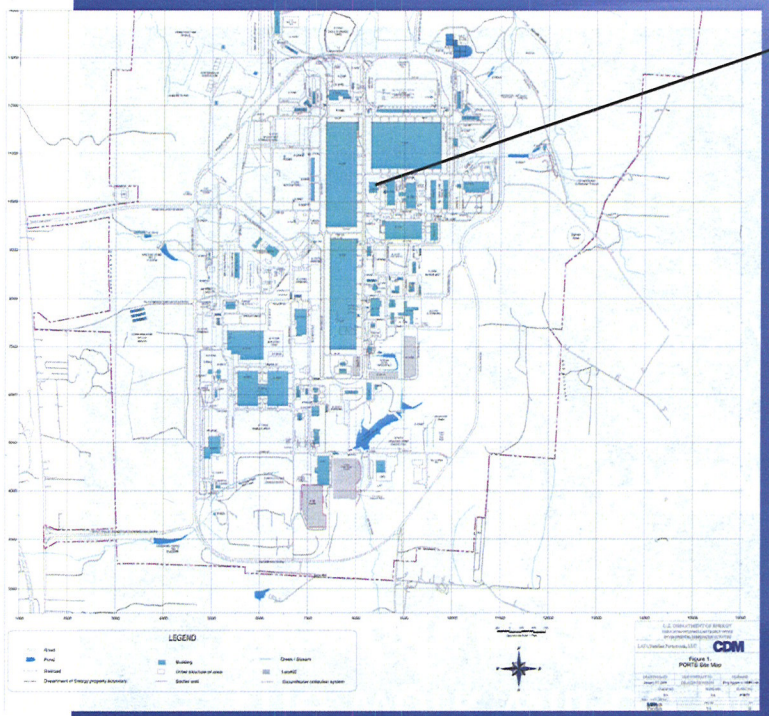
Contents of the HAISP Lab

- One (1) atomic absorption spectrometer
- Two (2) small glove boxes
- A small glove box hood
- Multiple lab benches
- Miscellaneous materials and equipment





Project Location: X-345 Facility



- Operations began in 1980 as part of the Gaseous Diffusion Plant
- Facility is located east of the X-330 Process Building and south of the X-333 Process Building

Overview

- LATA/Parallax (LPP) is performing strip-outs of the HAISP Lab and the HASA Lab located in the X-345 building.
- The work will be planned and executed in two separate phases:
  - Phase I : HAISP Lab strip-out
  - Phase 2 : HASA Lab strip-out

LATA/Parallax Portsmouth, LLC

X-345 HAISP and HASA Strip-out Project

Presentation by Kathy Johnson
LATA/Parallax D&D Projects Lead
February 2, 2009

Portsmouth Site Specific Advisory Board,
Decontamination and Decommissioning (D&D) Committee

Terms

- HAISP Lab: High Assay Isotopic Standards Preparation Laboratory
- HASA Lab: High Activity Sampling and Analysis Laboratory