

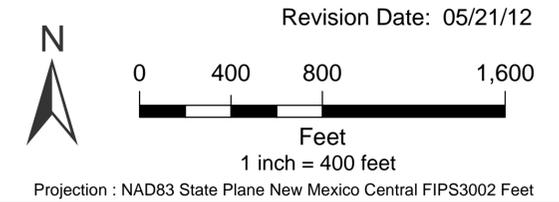
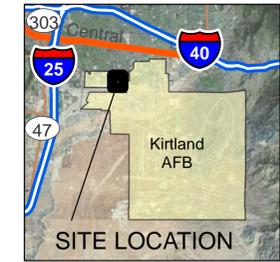
Note:
The vadose zone benzene plume was gridded in three dimensions using inverse distance weighting in RockWorks and then concentration plan-view maps were "cut" at respective elevations. Ground elevations range from 5314 to 5364 ft above mean sea level across the ST-106/SS-111 investigation area.

SVE well locations are presented with the benzene concentration in ppmv for each elevation. Sample results within 25 ft of the elevation are posted. For example, plot 5000 includes sample results within the 5025 to 4075 ft interval. Locations are not shown at elevations where there is no sample result for the elevation interval.

See Figure 4-2 for SVE well locations with ID numbers.

Legend

- ▲ SVE Well with Benzene Vapor Concentration (ppmv)
- Benzene Vapor Concentration Contours (ppmv)
- Benzene Concentration (ppmv)
 - 0 - 1
 - 1.0 - 10
 - 10 - 100
 - 100 - 960
- Cross-Section Line
- ▭ Installation Boundary
- Aboveground Fuel Transfer Lines
- Underground Fuel Transfer Lines
- Highway
- Major Road
- Road
- Existing Structure
- Previously Existing Structure
- Runway



2012 QUARTERLY REPORT 01
BULK FUELS FACILITY
KIRTLAND AIR FORCE BASE, NEW MEXICO

FIGURE 4-4
BENZENE VAPOR PLUME
FOOTPRINTS BY ELEVATION
MARCH 2012

THIS PAGE INTENTIONALLY LEFT BLANK