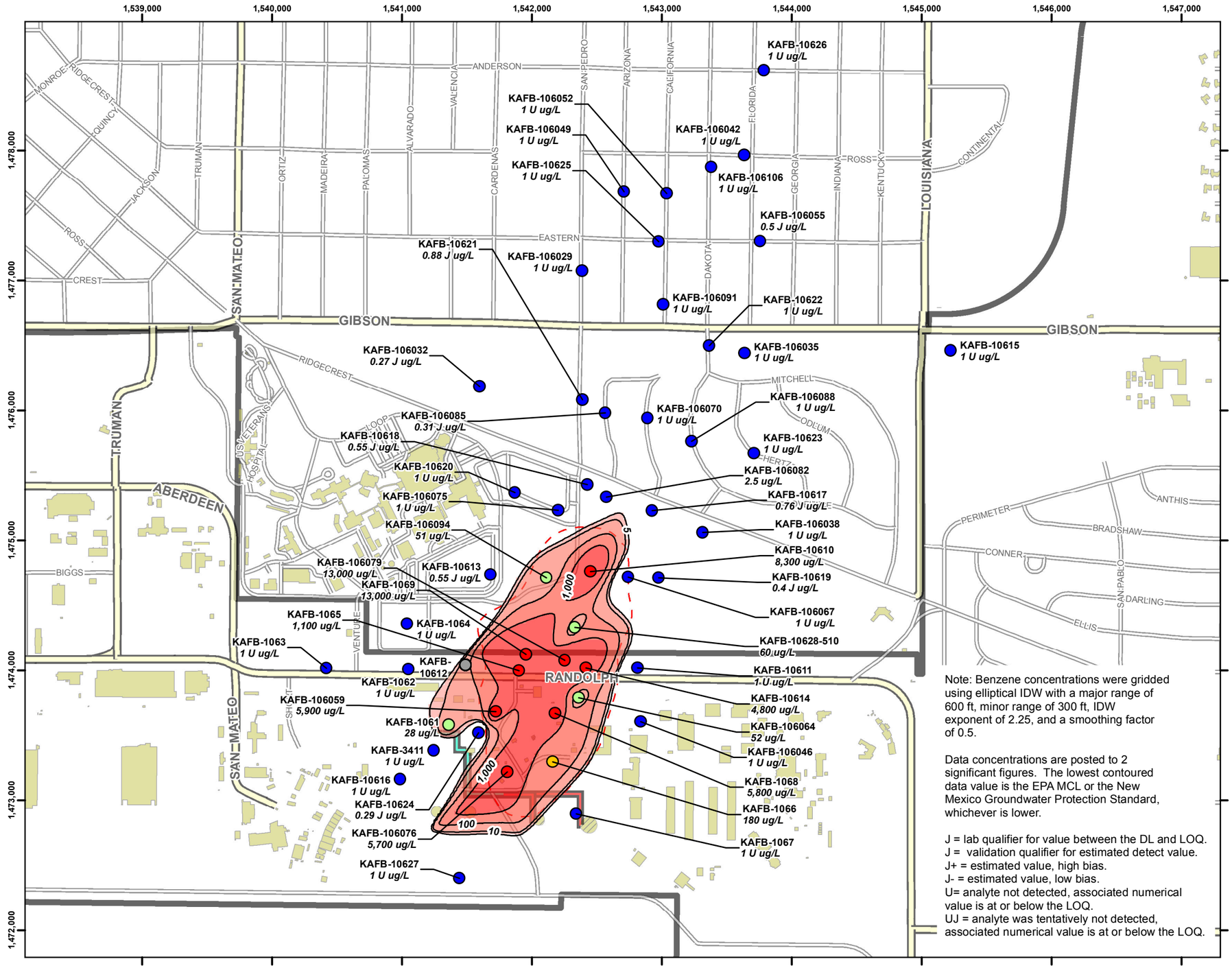


Note: Benzene concentrations were gridded using elliptical IDW with a major range of 600 ft, minor range of 300 ft, IDW exponent of 2.25, and a smoothing factor of 0.5.

Data concentrations are posted to 2 significant figures. The lowest contoured data value is the EPA MCL or the New Mexico Groundwater Protection Standard, whichever is lower.

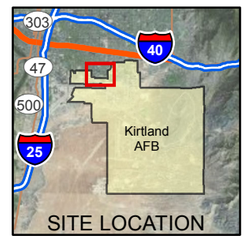
J = lab qualifier for value between the DL and LOQ.
J = validation qualifier for estimated detect value.
J+ = estimated value, high bias.
J- = estimated value, low bias.
U= analyte not detected, associated numerical value is at or below the LOQ.
UJ = analyte was tentatively not detected, associated numerical value is at or below the LOQ.

Legend

Benzene Result (ug/L)
- 0.27 - 5.0
- 5.1 - 10
- 11 - 100
- 110 - 1,000
- 1,100 - 13,000
- Not Sampled
- Benzene Concentration Contour (ug/L)

Benzene Concentration (ug/L)
- 0.27 - 5
- 5 - 10
- 10 - 100
- 100 - 1,000
- 1,000 - 13,000
- Historical Area of Observed NAPL (July 2009)

- Major Road
- Road
- Aboveground Fuel Transfer Line
- Underground Fuel Transfer Line
- Previously Existing Structure
- Existing Structure
- Installation Boundary



N

Revision Date: 05/04/12

0 400 800 1,600

Feet
1 inch = 800 feet

Projection : NAD83 State Plane New Mexico Central FIPS3002 Feet

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BULK FUELS FACILITY
KIRTLAND AIR FORCE BASE, NEW MEXICO

FIGURE 5-16

BENZENE CONCENTRATIONS IN SHALLOW GROUNDWATER

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