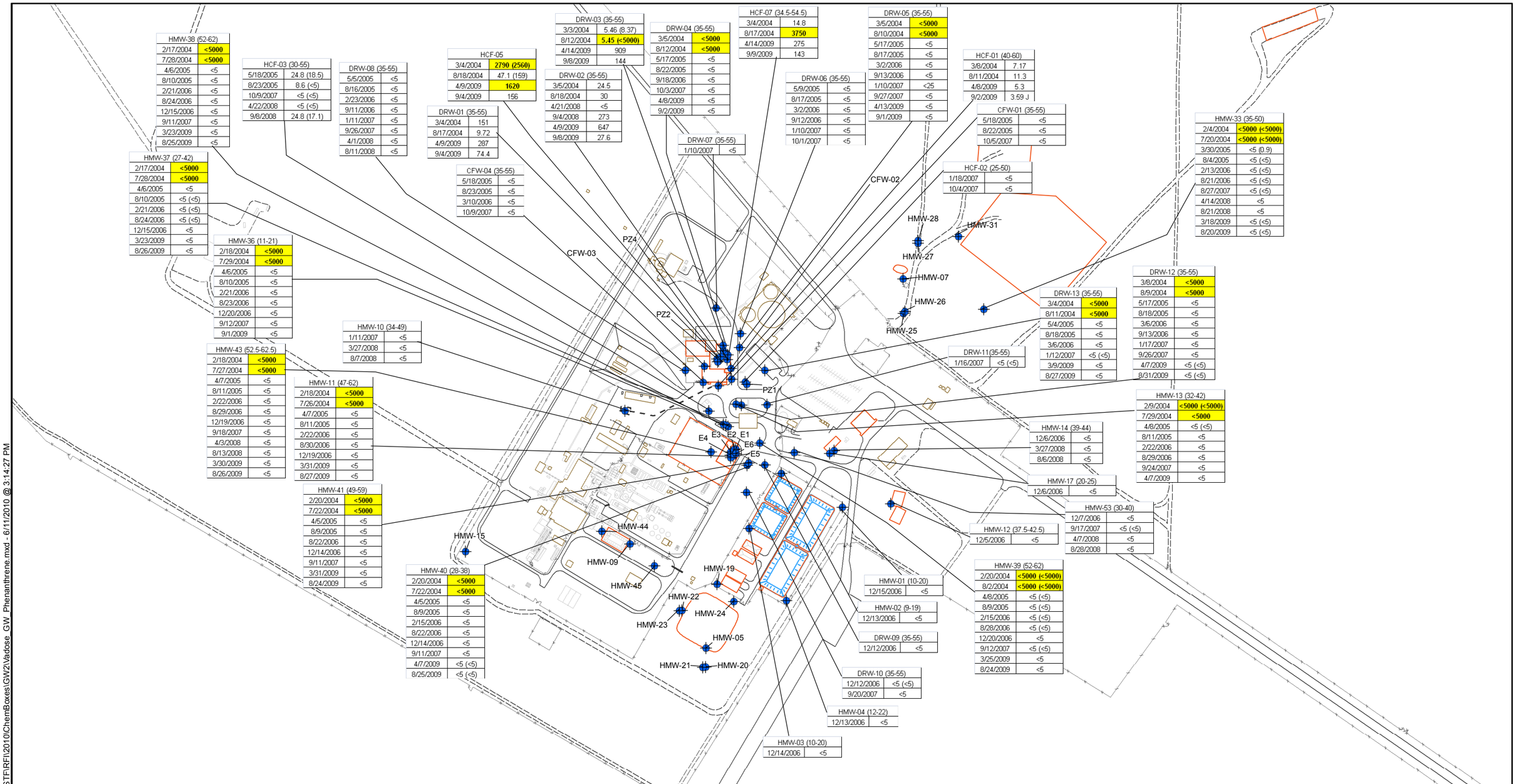

LEGEND

- VADOSE WELLS SAMPLED 2004-2009
- SWMU BOUNDARY
- SITE FEATURES
- BUILDING
- POND/LAGOON
- FENCE
- FORMER UST AND FUEL LINE
- RAIL ROAD
- PAVED ROAD
- DIRT ROAD

NOTES:
1. DATA PRESENTED ARE GROUNDWATER SAMPLES COLLECTED BETWEEN 2004 AND 2009 FROM MONITORING WELLS IN THE VADOSE ZONE. THE SCREENED INTERVAL DEPTH FOR EACH WELL IS SHOWN IN PARENTHESES BESIDE THE WELL ID.
2. YELLOW HIGHLIGHTS INDICATE THE SAMPLE RESULT EXCEEDS THE SCREENING CRITERIA
3. SCREENING CRITERIA CONSIST OF THE LOWER VALUE BETWEEN THE USEPA MCL (2009) AND NMED WQCC STANDARD (2004). FOR ANALYTES NOT LISTED IN THESE CRITERIA, THE NMED TAPWATER SCREENING LEVEL (2009) IS APPLIED.
4. ALL GROUNDWATER RESULTS ARE REPORTED IN µG/L (MICROGRAMS PER LITER).
5. BRACKETS INDICATE THAT THE RESULT SHOWN IS FROM A DUPLICATE FIELD SAMPLE.
6. DATA COLLECTED PRIOR TO 2009 WERE COLLECTED BY OTHERS AND WERE PROVIDED TO ARCADIS BY WHITE SANDS MISSILE RANGE.

SOURCE: BASE MAP PROVIDED BY ZIA AND RECTIFIED TO DECEMBER 2008 SATELLITE IMAGE.

USEPA: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
MCL: MAXIMUM CONTAMINANT LEVEL
NMED: NEW MEXICO ENVIRONMENT DEPARTMENT
WQCC: WATER QUALITY CONTROL COMMISSION
J: INDICATES AN ESTIMATED VALUE
< SAMPLE RESULT WAS NOT DETECTED AT LABORATORY REPORTING LIMIT SHOWN

N

0 200 400 800 Feet

WHITE SANDS MISSILE RANGE
NEW MEXICO
REVISED PHASE III RCRA FACILITY INVESTIGATION (RFI) REPORT – HELSTF SITE – SECOND REVISION (AUGUST, 2010)

PHENANTHRENE CONCENTRATIONS IN THE VADOSE ZONE WATER (2004-2009)

ARCADIS

FIGURE
6.25.5-10

I:\WhiteSands\GIS\ArcMap_MXD\HELSTF\RFI\2010\ChemBoxes\GW2\Vadose_GW_Phenanthrene.mxd - 6/11/2010 @ 3:14:27 PM