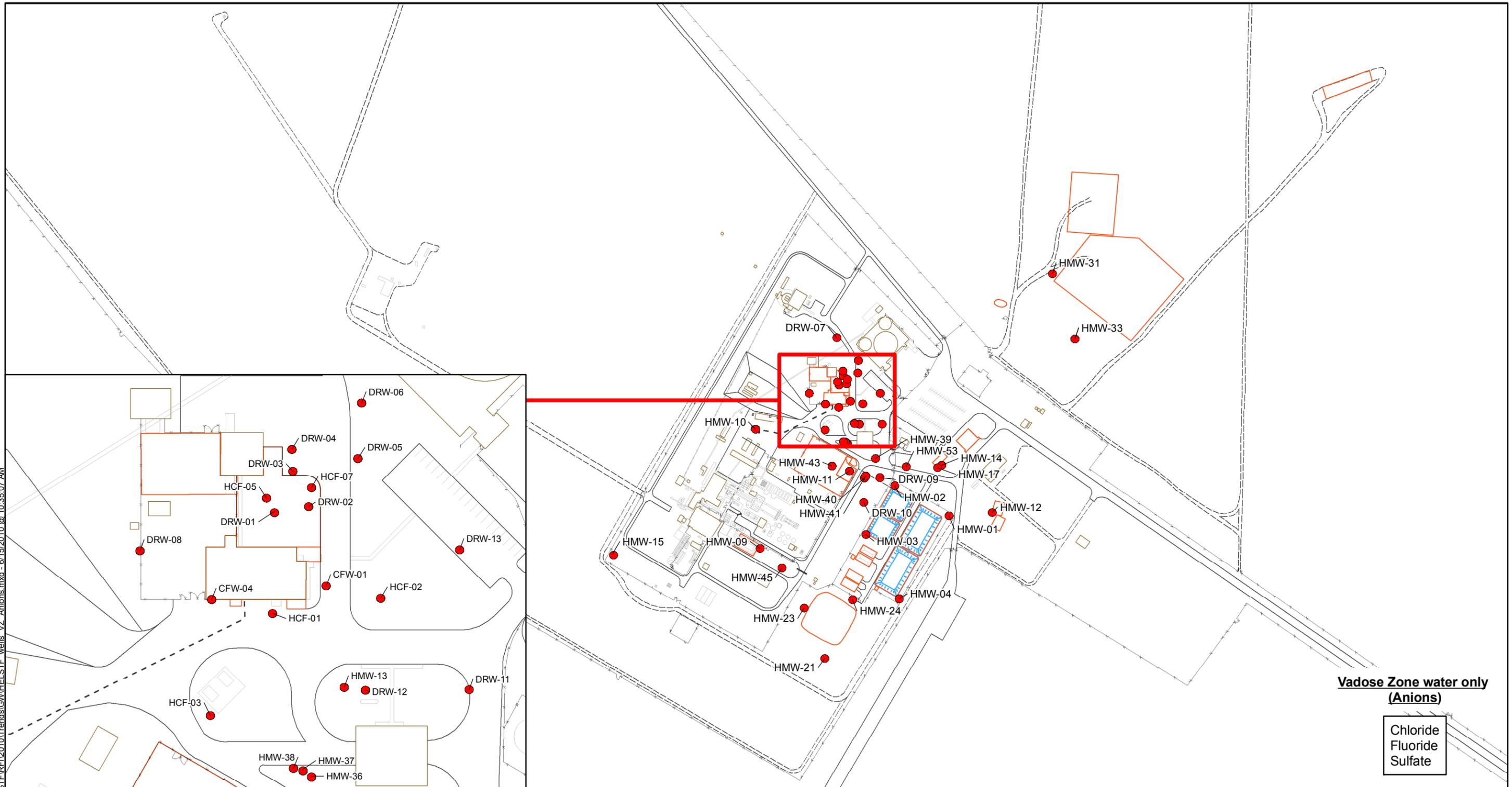


I:\WhiteSands\GIS\ArcMap\_MXD\HELSTF\REF1\2010\Trends\GW\HELSTF\_wells\_VZ\_Anions.mxd - 6/15/2010 @ 10:35:07 AM



**Vadose Zone water only  
(Anions)**

Chloride  
Fluoride  
Sulfate

**LEGEND**

● ANALYTE EXCEEDED THE SCREENING CRITERIA IN THE MOST RECENT GROUNDWATER SAMPLE OR IN ONE OR MORE HISTORICAL SAMPLE BETWEEN 2004 AND 2009 COLLECTED FROM THE WELL

● ANALYTE WAS NOT DETECTED, OR DETECTED IN ONE OR MORE HISTORICAL SAMPLE COLLECTED FROM THE WELL BETWEEN 2004 AND 2009, BUT DID NOT EXCEED THE CRITERIA IN THE MOST RECENT SAMPLE COLLECTED FROM THE WELL

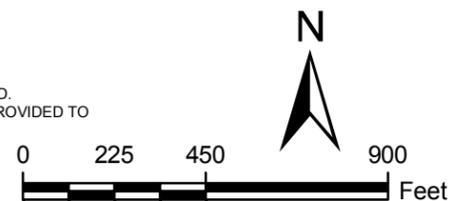
- SWMU BOUNDARY
- SITE FEATURES
- BUILDING
- POND/LAGOON
- FENCE
- FORMER UST AND FUEL LINE
- RAIL ROAD
- PAVED ROAD
- DIRT ROAD

**NOTES:**

1. DATA PRESENTED ARE GROUNDWATER DATA COLLECTED BETWEEN 2004-2009 FROM WELLS SCREENED IN THE VADOSE ZONE WATER.
2. 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.
3. DATA COLLECTED PRIOR TO 2009 WERE COLLECTED BY OTHERS AND WERE PROVIDED TO ARCADIS BY WHITE SANDS MISSILE RANGE.

USEPA: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
MCL: MAXIMUM CONTAMINANT LEVEL  
NMED: NEW MEXICO ENVIRONMENT DEPARTMENT  
WQCC: WATER QUALITY CONTROL COMMISSION

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



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

**OCCURRENCES OF ANIONS  
IN THE VADOSE ZONE WATER (2004 - 2009)**

FIGURE  
**H-33**