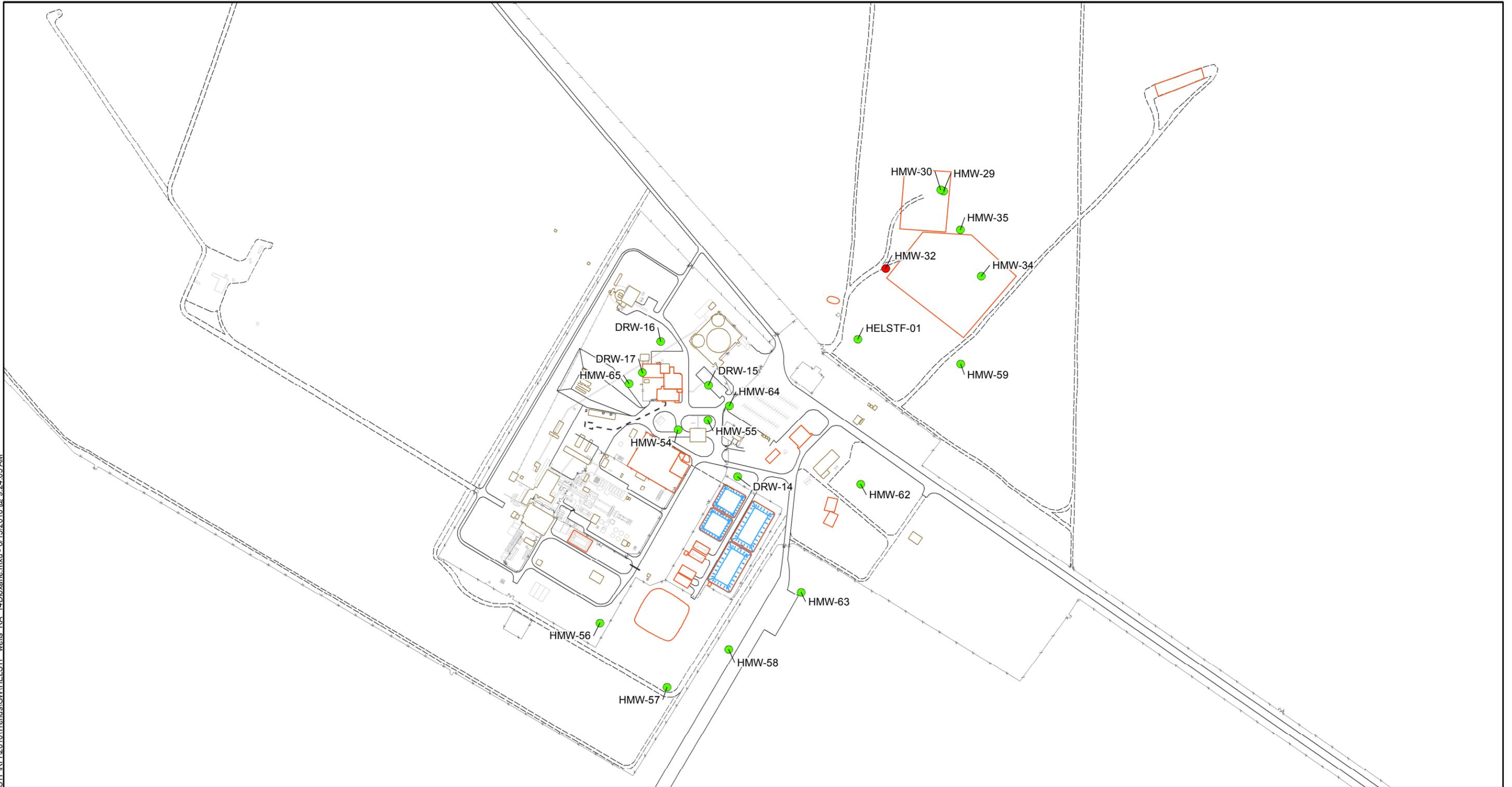


I:\WhiteSands\GIS\ArcMap\_MXD\HELSTF\REF\2010\Trends\GWH\HELSTF\_wells\_RA\_14Dioxane.mxd - 6/15/2010 @ 9:24:03 AM



**LEGEND**

- ANALYTE EXCEEDED THE SCREENING CRITERIA IN THE MOST RECENT GROUNDWATER SAMPLE COLLECTED FROM THE WELL
- ANALYTE EXCEEDED THE SCREENING CRITERIA IN ONE OR MORE HISTORICAL SAMPLE COLLECTED BETWEEN 2004 AND 2009, BUT DID NOT EXCEED THE CRITERIA IN THE MOST RECENT SAMPLE COLLECTED FROM THE WELL
- ANALYTE WAS 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
- ANALYTE WAS NOT DETECTED IN CURRENT OR HISTORICAL SAMPLES COLLECTED FROM THE WELL BETWEEN 2004 AND 2009.

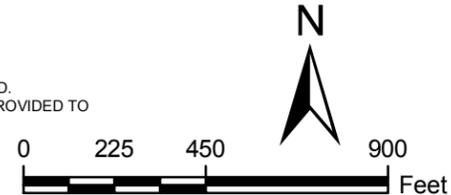
- SWMU BOUNDARY
- SITE FEATURES
- BUILDING
- POND/LAGOON
- × × FENCE
- FORMER UST AND FUEL LINE
- RAIL ROAD
- PAVED ROAD
- DIRT ROAD

**NOTES:**

1. DATA PRESENTED ARE GROUNDWATER DATA COLLECTED BETWEEN 2004-2009 FROM WELLS SCREENED IN THE REGIONAL AQUIFER.
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 PROVIDED 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)

**1,4-DIOXANE OCCURRENCES  
 IN THE REGIONAL AQUIFER (2004 - 2009)**



FIGURE  
H-19