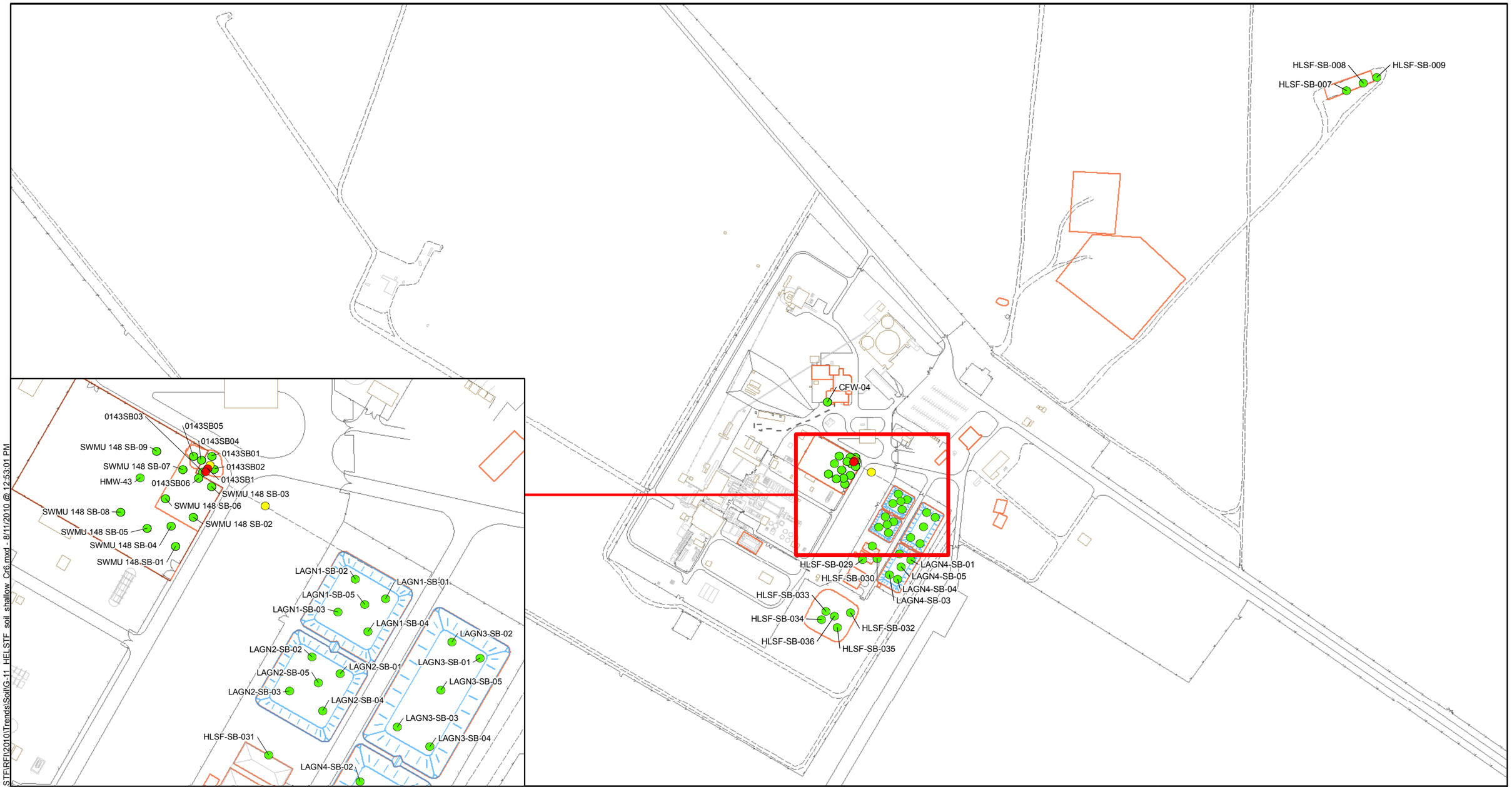

LEGEND

- ANALYTE EXCEEDED THE SCREENING CRITERIA IN ONE OR MORE SOIL SAMPLE COLLECTED FROM THE UPPER TEN FEET OF THE SOIL BORING.
- ANALYTE WAS DETECTED IN ONE OR MORE SOIL SAMPLE COLLECTED FROM THE UPPER TEN FEET OF THE SOIL BORING, BUT ALL DETECTIONS WERE BELOW THE SCREENING CRITERIA.
- ANALYTE WAS NOT DETECTED IN ANY OF THE SOIL SAMPLES COLLECTED FROM THE UPPER TEN FEET OF THE SOIL BORING.

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

NOTES:
1. SHALLOW SOIL DATA ARE CONSIDERED TO BE SOIL SAMPLES COLLECTED WITHIN THE UPPER TEN FEET.
2. SCREENING CRITERIA CONSIST OF THE LOWER VALUE BETWEEN THE NMED DAF (2009) AND RESIDENTIAL NMED SSLS (2009) IF AVAILABLE. IF NO NMED SSLS EXIST, THEN THE USEPA SSLS (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
NMED: NEW MEXICO ENVIRONMENT DEPARTMENT
DAF: DILUTION ATTENUATION FACTOR
SSL: SOIL SCREENING LEVEL

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

N

0 225 450 900 Feet

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

HEXAVALENT CHROMIUM OCCURRENCES IN SHALLOW SOIL (0 - 10' BELOW GROUND SURFACE)

ARCADIS

FIGURE
G-11

I:\WhiteSands\GIS\ArcMap_MXD\HELSTF\RFI\2010\Trends\Soil\G-11_HELSTF_soil_shallow_Cr6.mxd - 8/11/2010 @ 12:53:01 PM