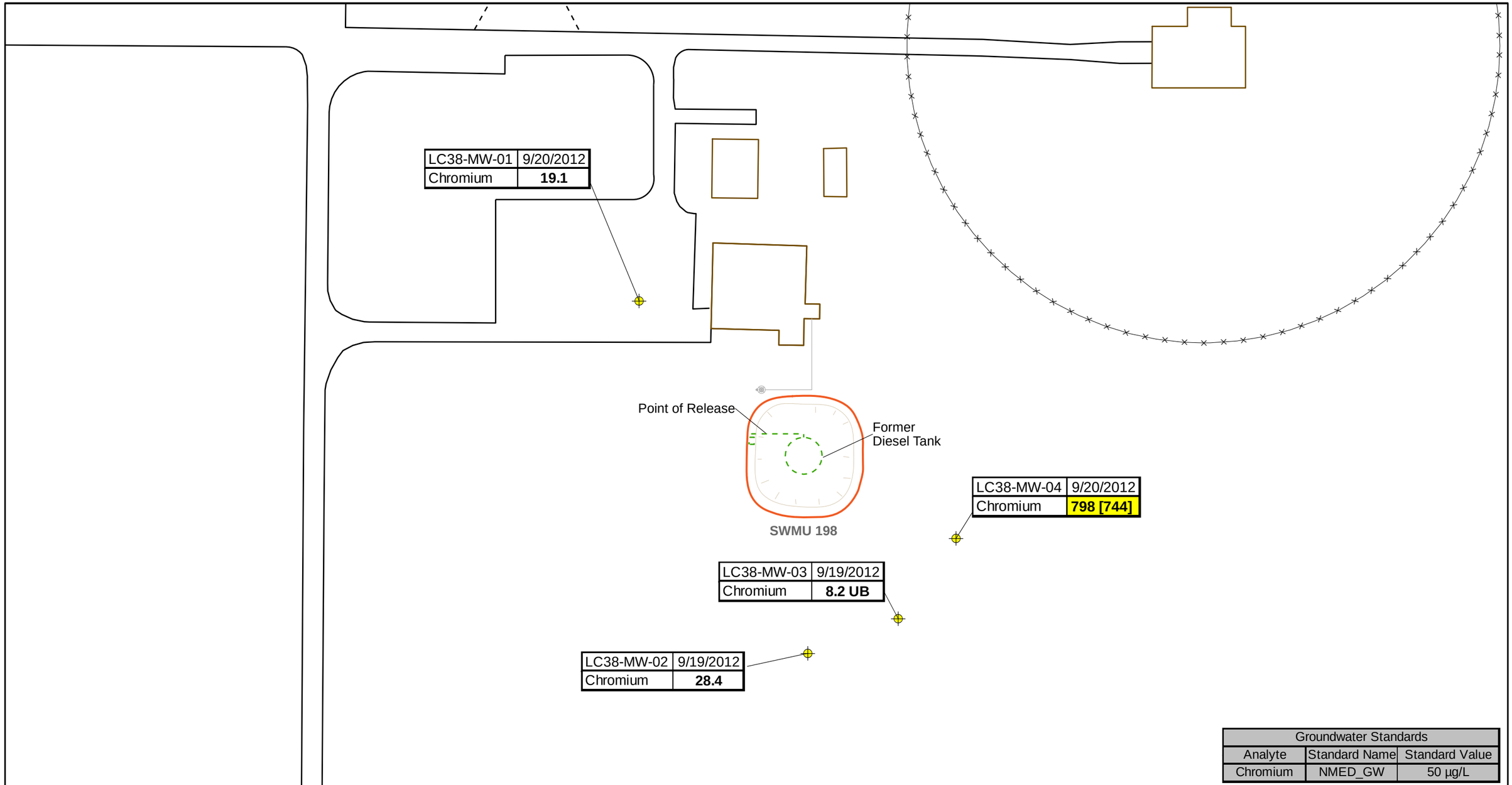

Groundwater Standards		
Analyte	Standard Name	Standard Value
Chromium	NMED_GW	50 µg/L

LEGEND

- WELL SCREENED IN THE REGIONAL AQUIFER
- SWMU 198
- BUILDINGS
- BERM
- DIESEL LINE
- FENCE
- FIRE HYDRANT
- DIRT ROAD
- PAVED ROAD

NOTES:
1. DATA PRESENTED ARE GROUNDWATER SAMPLES COLLECTED BY ARCADIS IN 2012.
2. YELLOW HIGHLIGHT INDICATES EITHER THE REPORTED RESULT EXCEEDS THE PUBLISHED SCREENING LEVEL OR THE DETECTION LIMIT EXCEEDS THE PUBLISHED SCREENING LEVEL.
3. BOLD FONT INDICATES THE REPORTED RESULT IS ABOVE THE METHOD DETECTION LIMIT (MDL) AND IS A DETECTED RESULT.
4. SCREENING CRITERIA CONSIST OF THE LOWER VALUE BETWEEN THE USEPA MCL (2009) AND NMED WQCC STANDARD (2004). IF NO MCL OR WQCC STANDARD WAS AVAILABLE FOR AN ANALYTE, THE NMED OR EPA TAPWATER SCREENING LEVEL (2012) WAS USED, IF AVAILABLE.
5. ALL GROUNDWATER RESULTS ARE REPORTED IN µg/L (MICROGRAMS PER LITER).
6. BRACKETS INDICATE THAT THE RESULT SHOWN IS FROM A DUPLICATE FIELD SAMPLE.
7. ONLY THOSE ANALYTES WITH AT LEAST ONE DETECTED EXCEEDANCE OF THE SCREENING CRITERIA ARE SHOWN.

USEPA: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
MCL: MAXIMUM CONTAMINANT LEVEL
NMED: NEW MEXICO ENVIRONMENT DEPARTMENT
WQCC: WATER QUALITY CONTROL COMMISSION
NMED_GW: NMED WATER QUALITY CONTROL COMMISSION (WQCC) STANDARD. 1995. PART OF THE NEW MEXICO ADMINISTRATIVE CODE (NMAC). TITLE 20, CHAPTER 6, PART 2 (ENVIRONMENTAL PROTECTION WATER QUALITY GROUND AND SURFACE WATER PROTECTION: 20.6.2.3103, STANDARDS FOR GROUND WATER OF 10,000 mg/L TDS CONCENTRATION OR LESS). (WQCC ADOPTED STANDARDS FOR NMED GROUNDWATER QUALITY BUREAU (GWQB) EXCEPT FOR MTBE AND FREE PRODUCT).
mg/L: MILLIGRAM PER LITER
TDS: TOTAL DISSOLVED SOLIDS
MTBE: METHYL TERT BUTYL ETHER
U: THE COMPOUND WAS ANALYZED FOR BUT NOT DETECTED; THE ASSOCIATED VALUE IS THE COMPOUND QUANTITATION LIMIT.
B: ANALYTE WAS ALSO DETECTED IN THE ASSOCIATED METHOD BLANK.

SOURCE: BASE MAP PROVIDED BY ZIA.

N

0 50 100 200 Feet

WHITE SANDS MISSILE RANGE
NEW MEXICO
SWMU 198 - LC-38 DIESEL SPILL SITE

EXCEEDANCES OF GROUNDWATER STANDARDS METALS - TOTAL

ARCADIS

FIGURE

Path: I:\WhiteSands\GIS\ArcMap_MXD\LC38\2012 LTM\LC38_Databox_Metals_Total.mxd Date Saved: 2/14/2013 10:16:14 AM