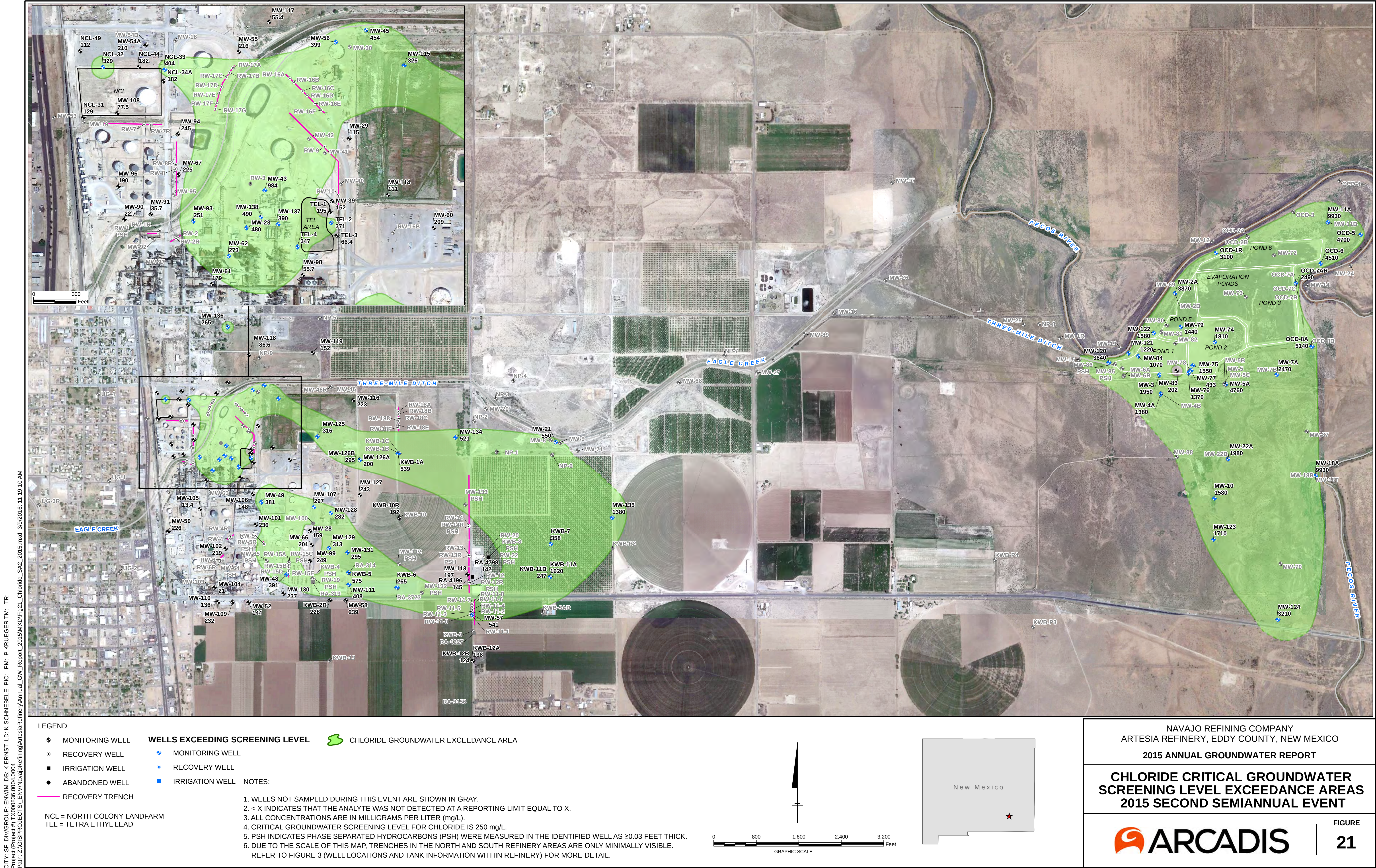


**GW – 028**

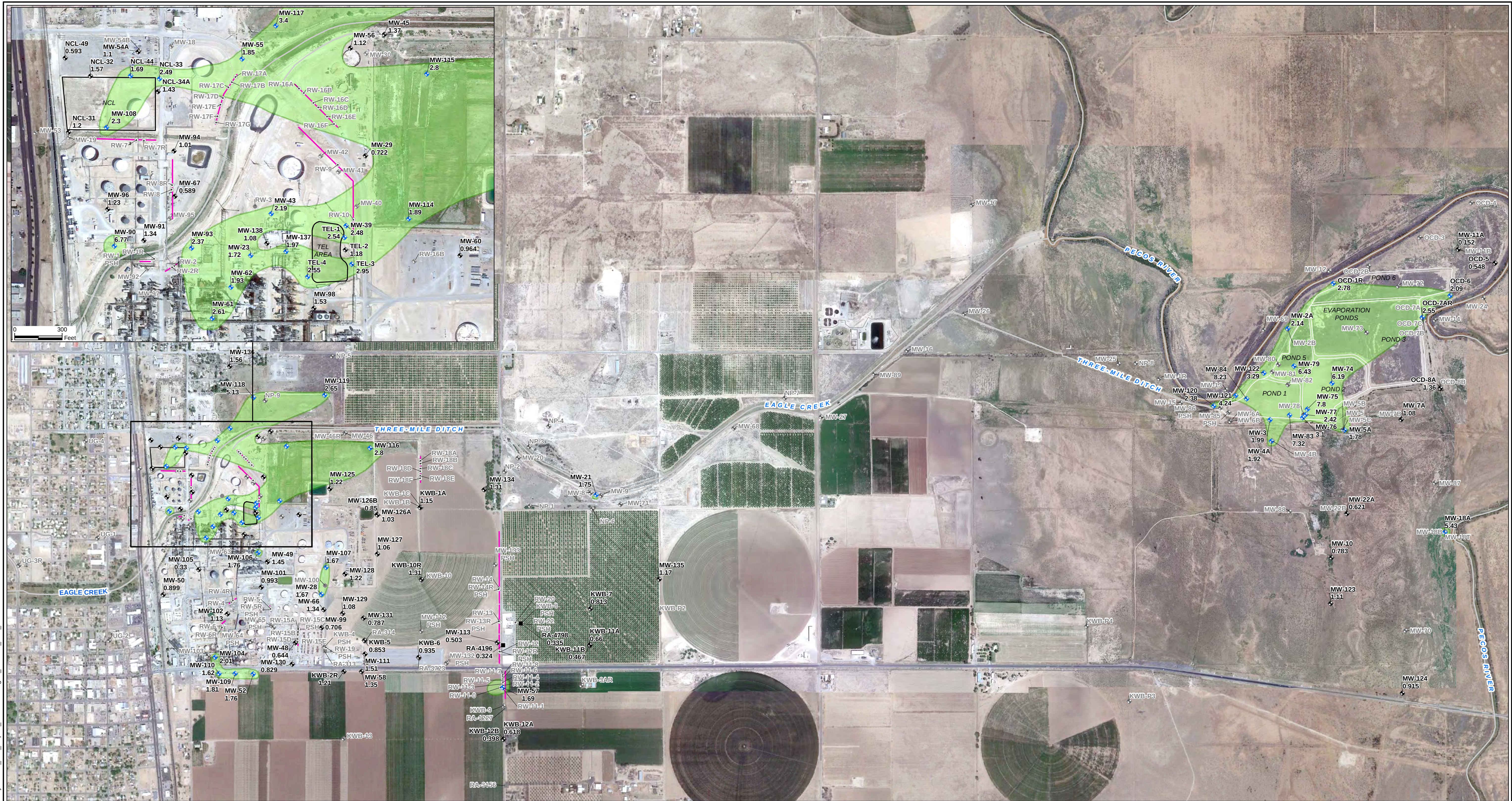
**2015 AGWMR**

**PART 23 OF 25**

**03 / 2016**



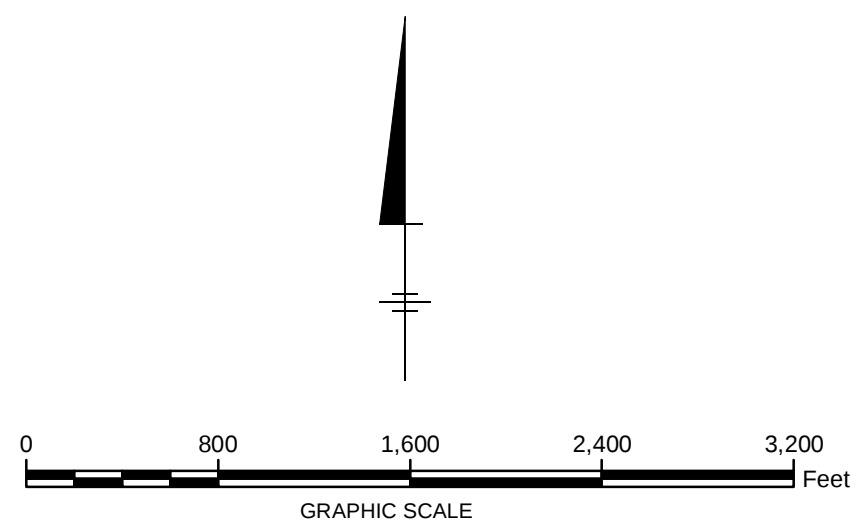




- LEGEND:
- MONITORING WELL
  - RECOVERY WELL
  - IRRIGATION WELL
  - ABANDONED WELL
  - RECOVERY TRENCH
- WELL EXCEEDING SCREENING LEVELS**
- MONITORING WELL
  - RECOVERY WELL
  - IRRIGATION WELL
- FLUORIDE GROUNDWATER EXCEEDANCE AREA**

NOTES:

1. WELLS NOT SAMPLED DURING THIS EVENT ARE SHOWN IN GRAY.
2. < X INDICATES THAT THE ANALYTE WAS NOT DETECTED AT A REPORTING LIMIT EQUAL TO X.
3. ALL CONCENTRATIONS ARE IN MILLIGRAMS PER LITER (mg/L).
4. CRITICAL GROUNDWATER SCREENING LEVEL FOR FLUORIDE IS 1.6 mg/L.
5. PSH INDICATES PHASE SEPARATED HYDROCARBONS (PSH) WERE MEASURED IN THE IDENTIFIED WELL AS  $\geq 0.03$  FEET THICK.
6. DUE TO THE SCALE OF THIS MAP, TRENCHES IN THE NORTH AND SOUTH REFINERY AREAS ARE ONLY MINIMALLY VISIBLE. REFER TO FIGURE 3 (WELL LOCATIONS AND TANK INFORMATION WITHIN REFINERY) FOR MORE DETAIL.



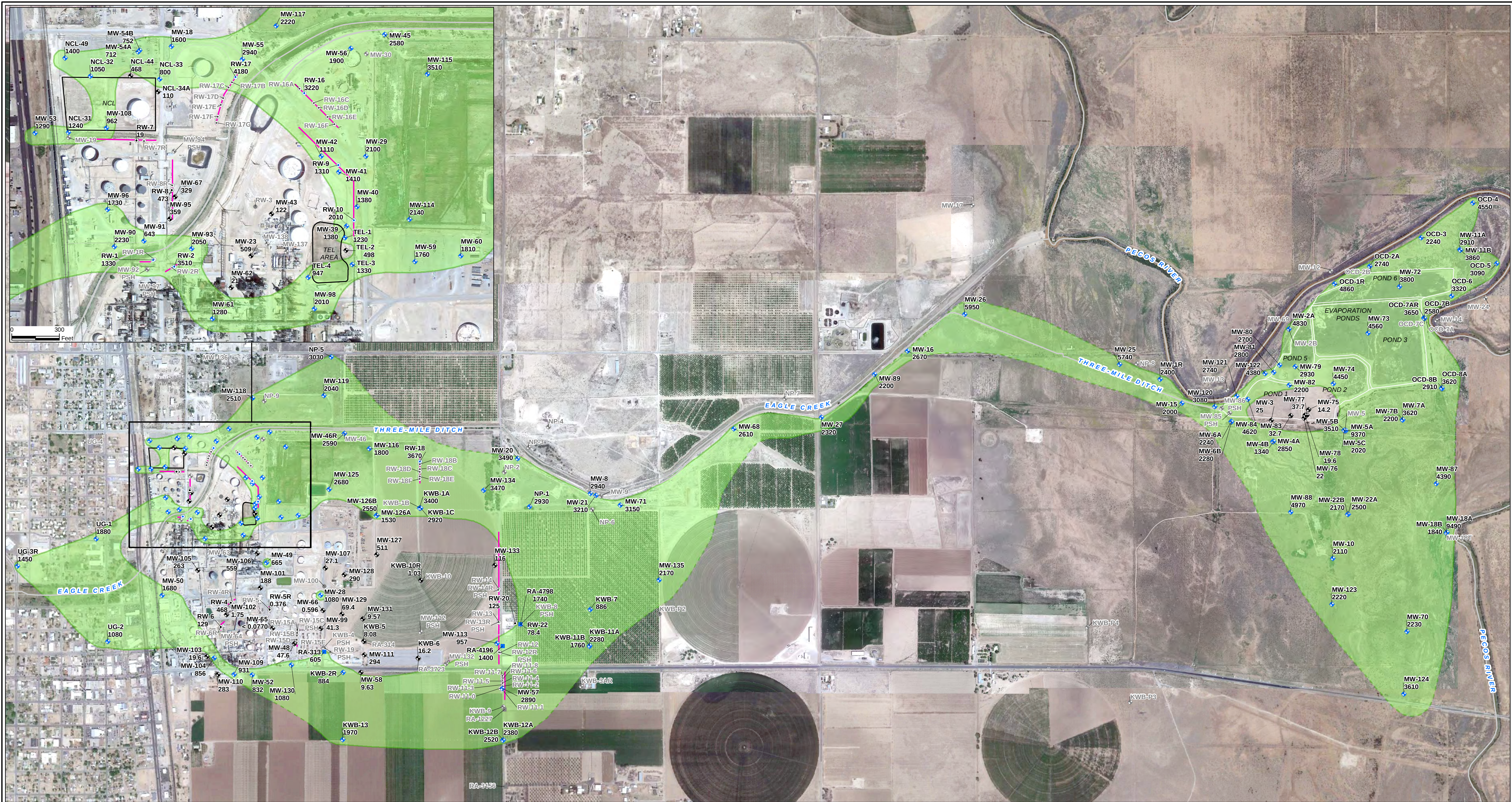
NAVAJO REFINING COMPANY  
ARTESIA REFINERY, EDDY COUNTY, NEW MEXICO  
2015 ANNUAL GROUNDWATER REPORT

**FLUORIDE CRITICAL GROUNDWATER  
SCREENING LEVEL EXCEEDANCE AREAS  
2015 SECOND SEMIANNUAL EVENT**

**ARCADIS**

FIGURE  
**23**

Path: Z:\GISPROJECTS\ENV\NavajoRefining\ArtesiaRefinery\Annual\_GW\_Report\_2015\MXD\Fig24\_Sulfate\_SA1\_2015.mxd: 3/9/2016 6:13:44 PM

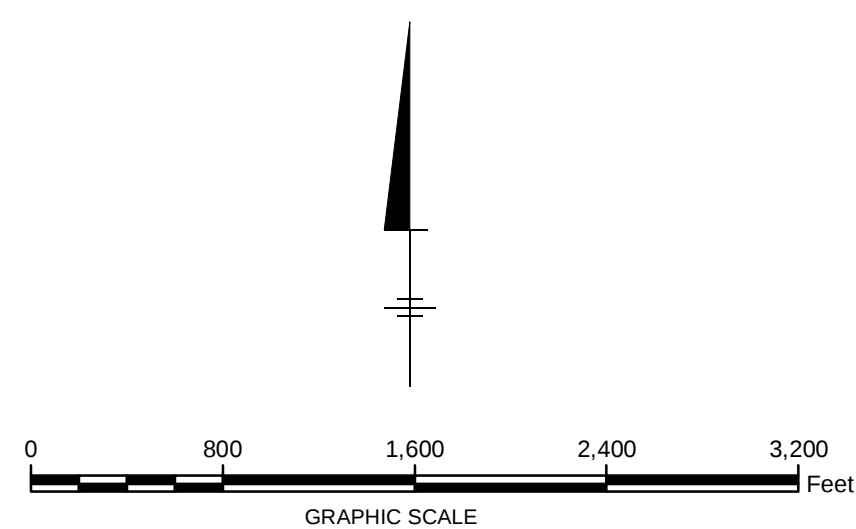


- LEGEND:
- MONITORING WELL
  - RECOVERY WELL
  - IRRIGATION WELL
  - ABANDONED WELL
  - RECOVERY TRENCH
- WELL EXCEEDING SCREENING LEVELS
- MONITORING WELL
  - RECOVERY WELL
  - IRRIGATION WELL
- SULFATE GROUNDWATER EXCEEDANCE AREA (DASHED LINE WHERE INFERRED)

NCL = NORTH COLONY LANDFARM  
TEL = TETRA ETHYL LEAD

NOTES:

1. WELLS NOT SAMPLED DURING THIS EVENT ARE SHOWN IN GRAY.
2. < X INDICATES THAT THE ANALYTE WAS NOT DETECTED AT A REPORTING LIMIT EQUAL TO X.
3. ALL CONCENTRATIONS ARE IN MILLIGRAMS PER LITER (mg/L).
4. CRITICAL GROUNDWATER SCREENING LEVEL FOR SULFATE IS 600 mg/L.
5. PSH INDICATES PHASE SEPARATED HYDROCARBONS (PSH) WERE MEASURED IN THE IDENTIFIED WELL AS  $\geq 0.03$  FEET THICK.
6. DUE TO THE SCALE OF THIS MAP, TRENCHES IN THE NORTH AND SOUTH REFINERY AREAS ARE ONLY MINIMALLY VISIBLE. REFER TO FIGURE 3 (WELL LOCATIONS AND TANK INFORMATION WITHIN REFINERY) FOR MORE DETAIL.



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SULFATE CRITICAL GROUNDWATER  
SCREENING LEVEL EXCEEDANCE AREAS  
2015 FIRST SEMIANNUAL EVENT



FIGURE

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