

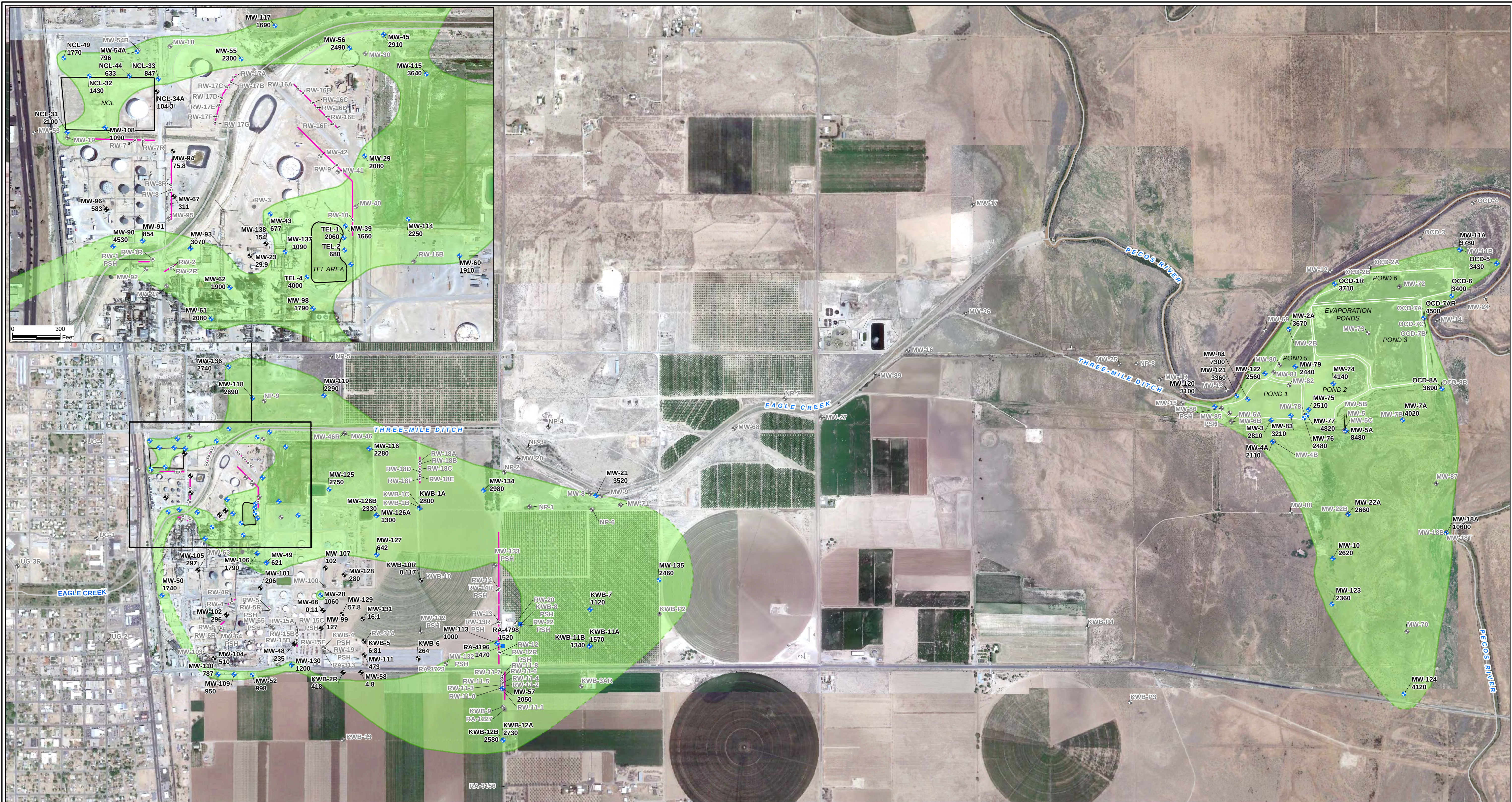
GW – 028

2015 AGWMR

PART 25 OF 25

03 / 2016

CITY: SE DIV\GROUP: ENV\W.DS: K ERNST LD: K SCHNEBELLE PIC: PM: P KRUEGER TM: TR:
Project: Artesia Refinery Annual GW Report 2015\MDX\Fig25_Sulfate_SA2_2015.mxd: 3/9/2016 12:57:08 PM
Path: Z:\GIS\PROJECTS\ENV\NavajoRefining\ArtesiaRefinery\Annual_GW_Report_2015\MDX\Fig25_Sulfate_SA2_2015.mxd



LEGEND:

- MONITORING WELL
- RECOVERY WELL
- IRRIGATION WELL
- ABANDONED WELL
- RECOVERY TRENCH

NCL = NORTH COLONY LANDFARM
TEL = TETRA ETHYL LEAD

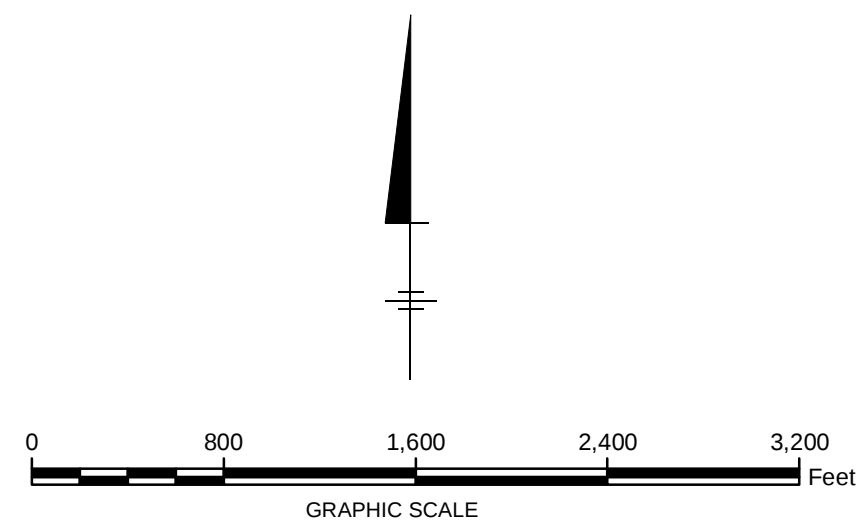
WELLS EXCEEDING SCREENING LEVELS

- MONITORING WELL
- RECOVERY WELL
- IRRIGATION WELL

SULFATE GROUNDWATER EXCEEDANCE AREA (DASHED LINE WHERE INFERRED)

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 ± 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

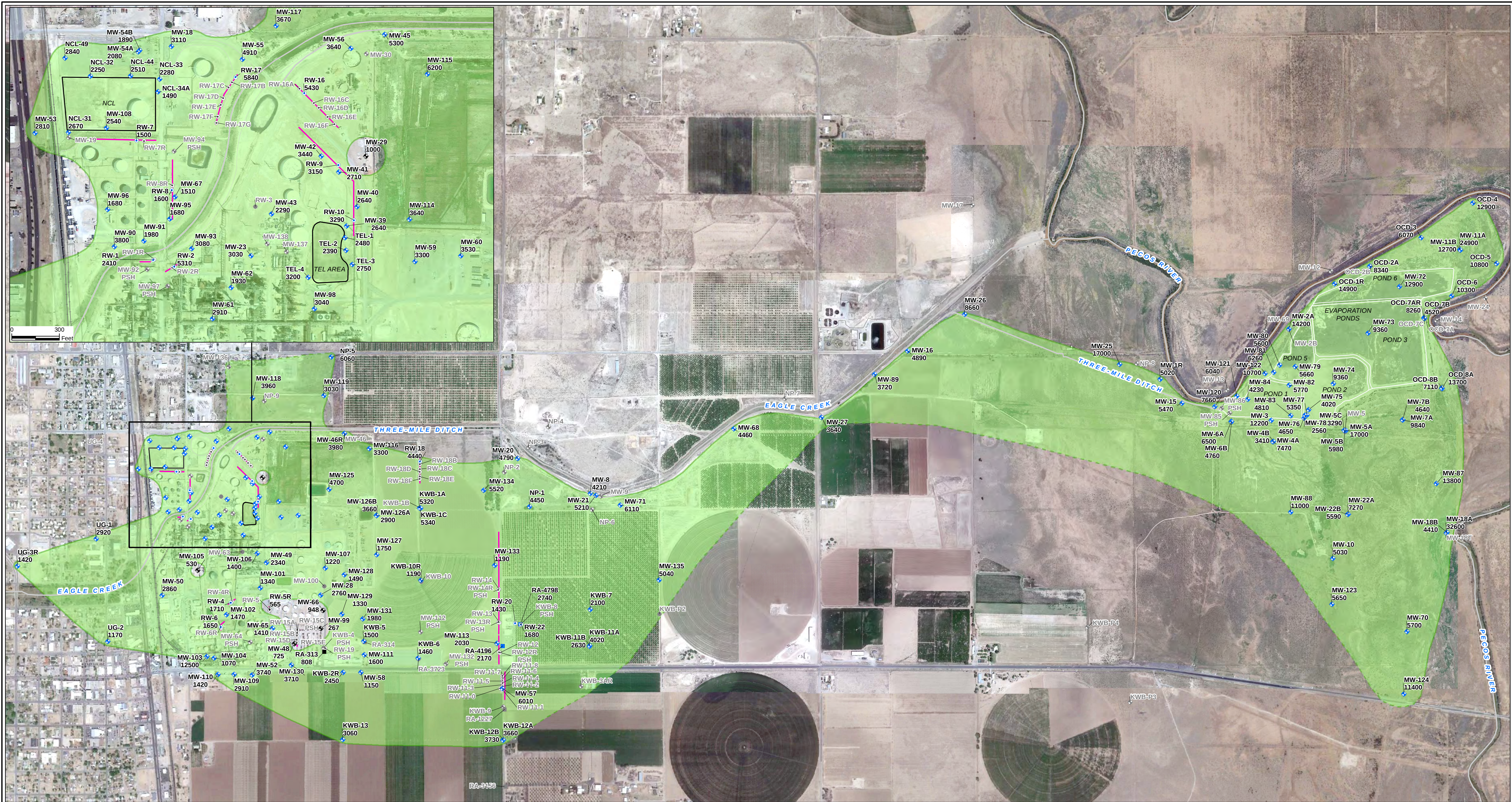
SULFATE CRITICAL GROUNDWATER
SCREENING LEVEL EXCEEDANCE AREAS
2015 SECOND SEMIANNUAL EVENT



FIGURE

25

CITY: SE DIVISION: ENV/M DB: K ERNST LD: K SCHNEBELLE PIC: PM: P KRUEGER TM: TR:
Project Folder: H:\Y000934\000\0000\ Path: Z:\GIS\PROJECTS\ENV\NavajoRefining\ArtesiaRefinery\Annual_GW_Report_2015\MXD\Fig26_TDS_S41_2015.mxd: 3/9/2016: 11:58:57 AM



LEGEND:

- MONITORING WELL
- RECOVERY WELL
- IRRIGATION WELL
- ABANDONED WELL
- RECOVERY TRENCH

NCL = NORTH COLONY LANDFARM
TEL = TETRA ETHYL LEAD

WELLS EXCEEDING SCREENING LEVELS

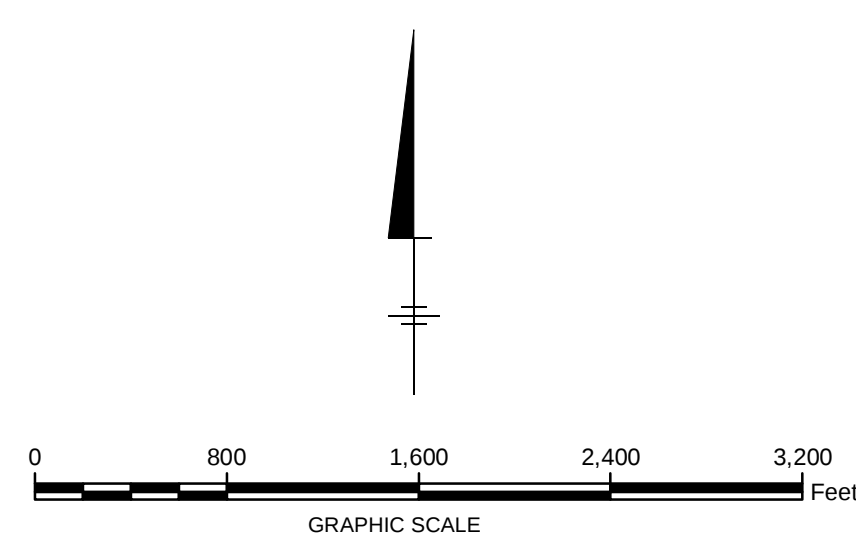
- MONITORING WELL
- RECOVERY WELL
- IRRIGATION WELL

NOTES:

1. TDS IS TOTAL DISSOLVED SOLIDS.
2. WELLS NOT SAMPLED DURING THIS EVENT ARE SHOWN IN GRAY.
3. < X INDICATES THAT THE ANALYTE WAS NOT DETECTED AT A REPORTING LIMIT EQUAL TO X.
4. ALL CONCENTRATIONS ARE IN MILLIGRAMS PER LITER (mg/L).
5. CRITICAL GROUNDWATER SCREENING LEVEL FOR TDS IS 1,000 mg/L.
6. PSH INDICATES PHASE SEPARATED HYDROCARBONS (PSH) WERE MEASURED IN THE IDENTIFIED WELL AS ± 0.03 FEET THICK.
7. 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.



TDS GROUNDWATER EXCEEDANCE AREA (DASHED LINE WHERE INFERRED)



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2015 ANNUAL GROUNDWATER REPORT

TDS CRITICAL GROUNDWATER
SCREENING LEVEL EXCEEDANCE AREAS
2015 FIRST SEMIANNUAL EVENT



FIGURE

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