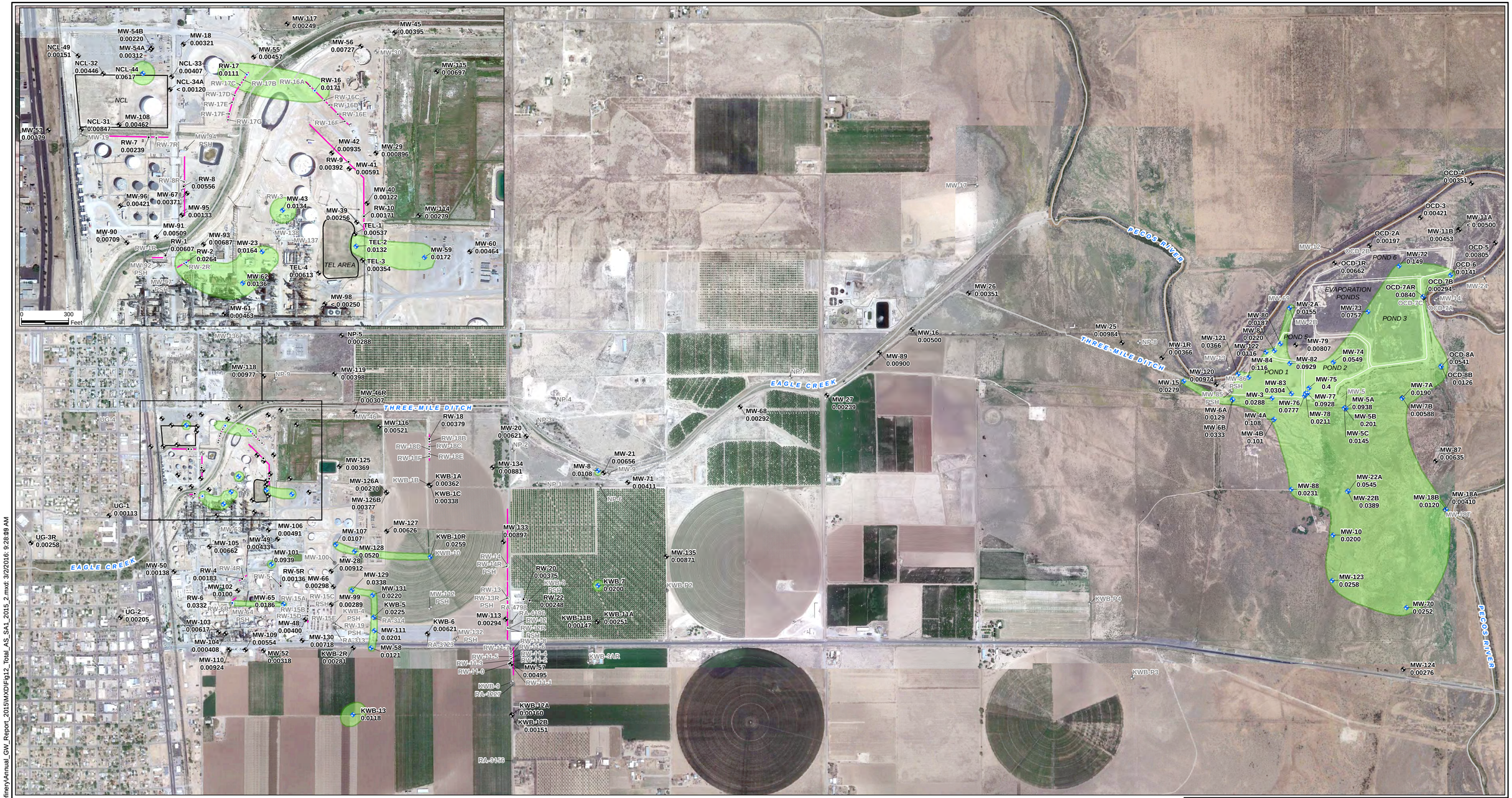
GW – 028

2015 AGWMR

PART 19 OF 25

03 / 2016



LEGEND:

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

NCL = NORTH COLONY LANDFARM
TEL = TETRA ETHYL LEAD

WELLS EXCEEDING SCREENING LEVEL

- MONITORING WELL
- RECOVERY WELL
- IRRIGATION WELL

ARSENIC GROUNDWATER EXCEENDANCE 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 ARSENIC IS 0.01mg/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.

0 800 1,600 2,400 3,200 Feet

GRAPHIC SCALE

New Mexico

NAVAJO REFINING COMPANY
ARTESIA REFINERY, EDDY COUNTY, NEW MEXICO

2015 ANNUAL GROUNDWATER REPORT

ARSENIC CRITICAL GROUNDWATER SCREENING LEVEL EXCEEDANCE AREAS 2015 FIRST SEMIANNUAL EVENT

ARCADIS

FIGURE
12

CITY: SF DIV/GROUP: ENV/IM DB: K ERNST LD: K SCHNEBELE PIC: PM: P KRUEGER TM: TR:
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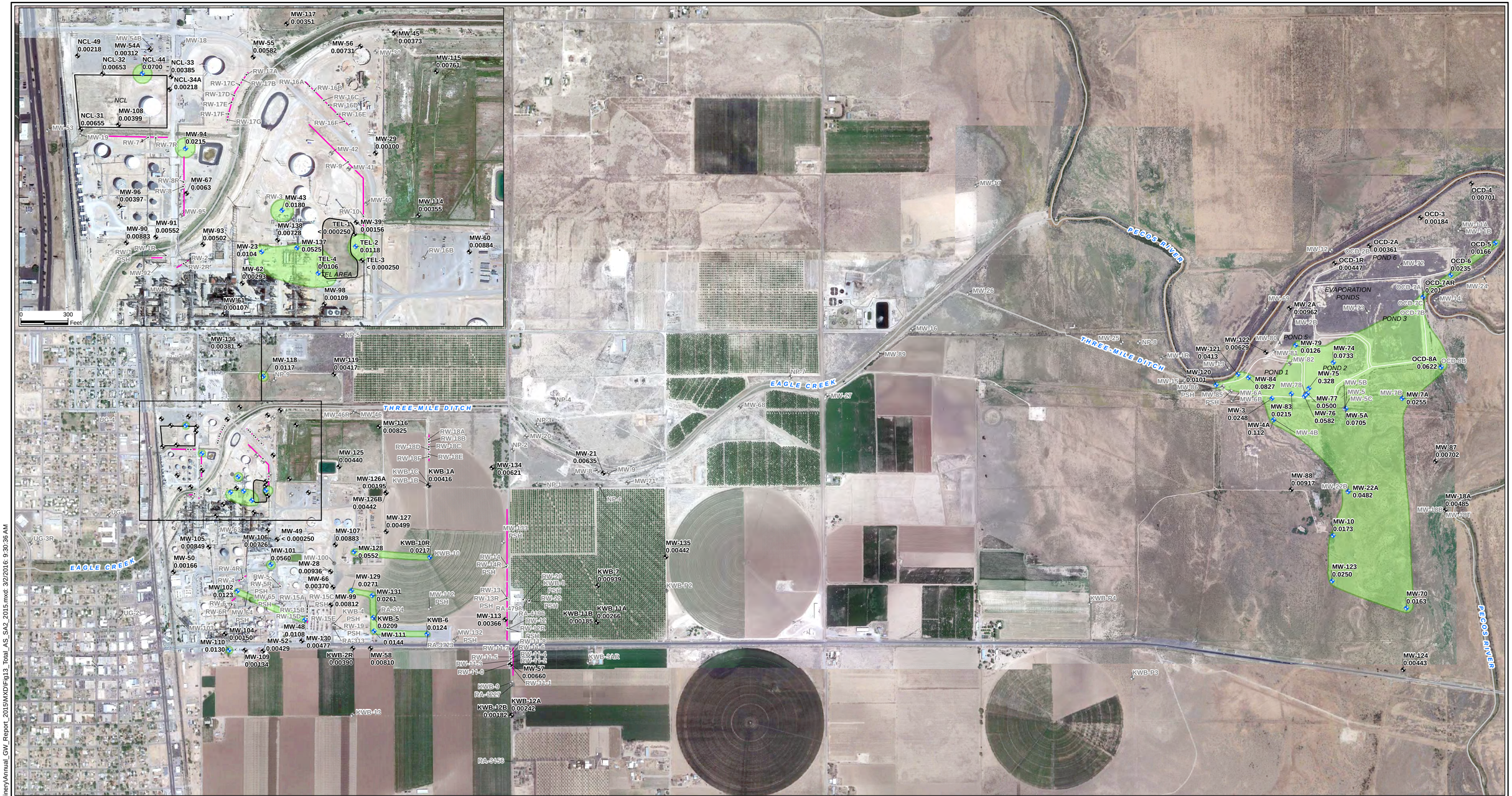

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WELLS EXCEEDING SCREENING LEVEL

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ARSENIC GROUNDWATER EXCEENDANCE AREA

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GRAPHIC SCALE

NAVAJO REFINING COMPANY
ARTESIA REFINERY, EDDY COUNTY, NEW MEXICO

2015 ANNUAL GROUNDWATER REPORT

ARSENIC CRITICAL GROUNDWATER SCREENING LEVEL EXCEEDANCE AREAS 2015 SECOND SEMIANNUAL EVENT

ARCADIS

FIGURE
13

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