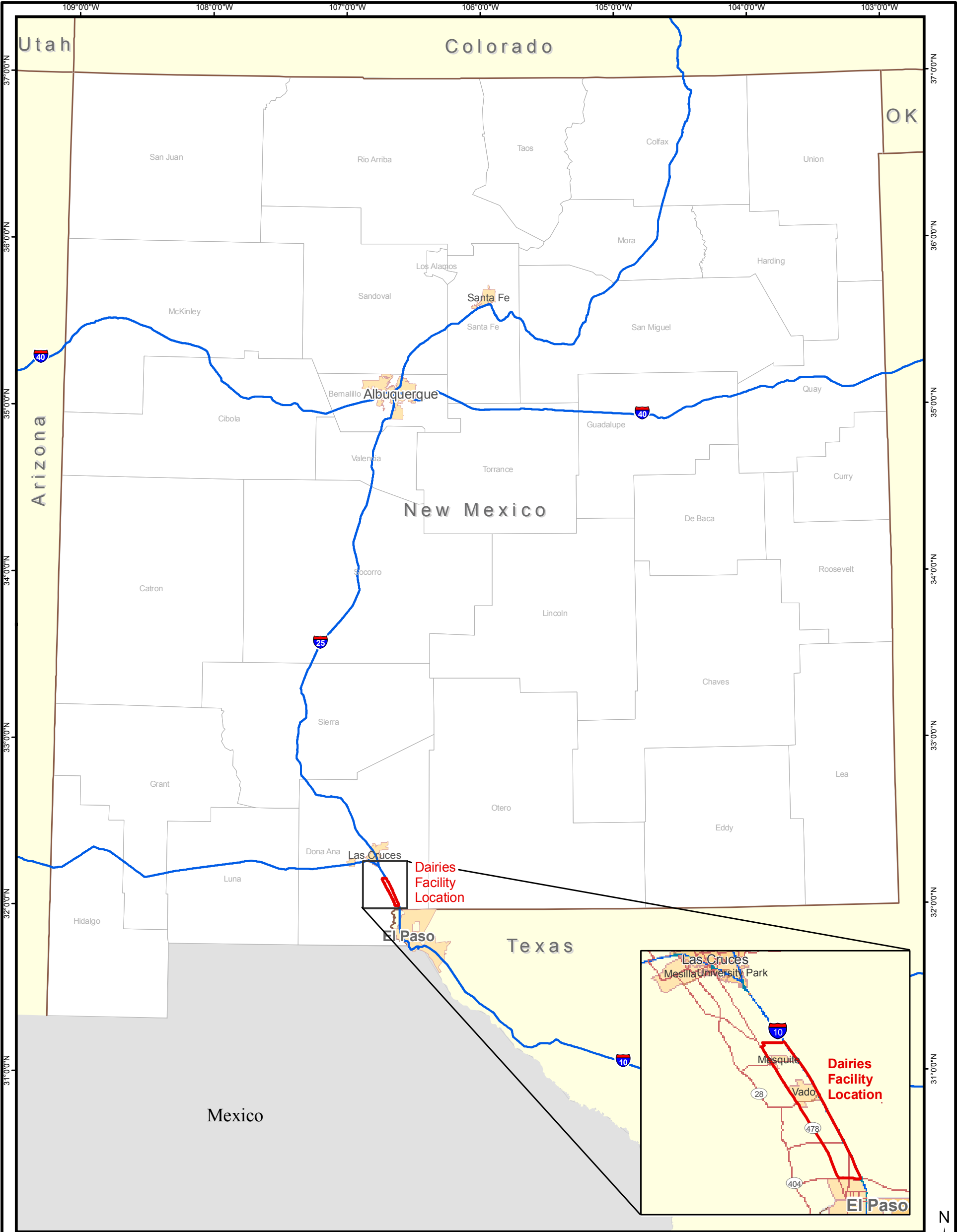


FIGURES



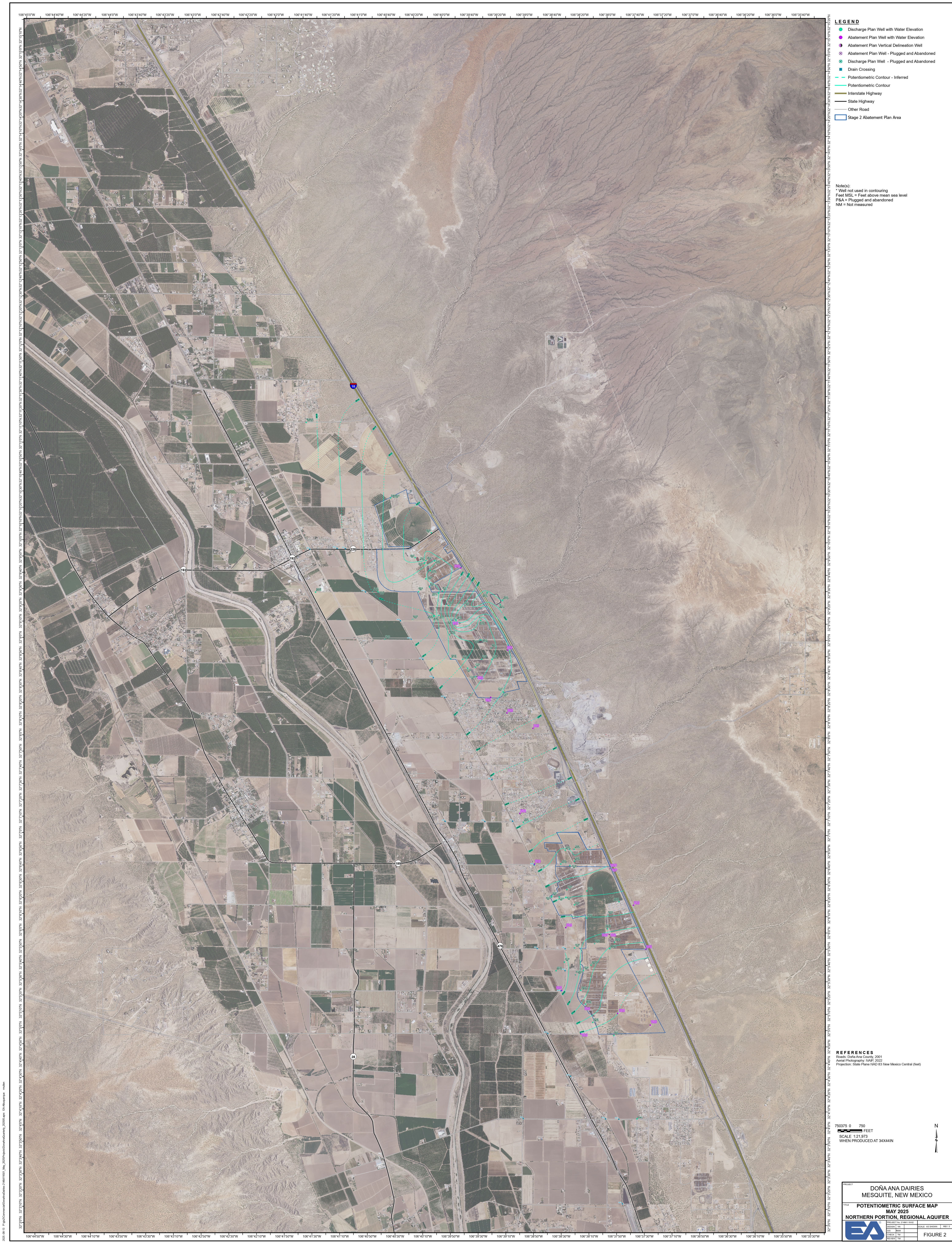
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WHEN PRODUCED AT 11X17IN

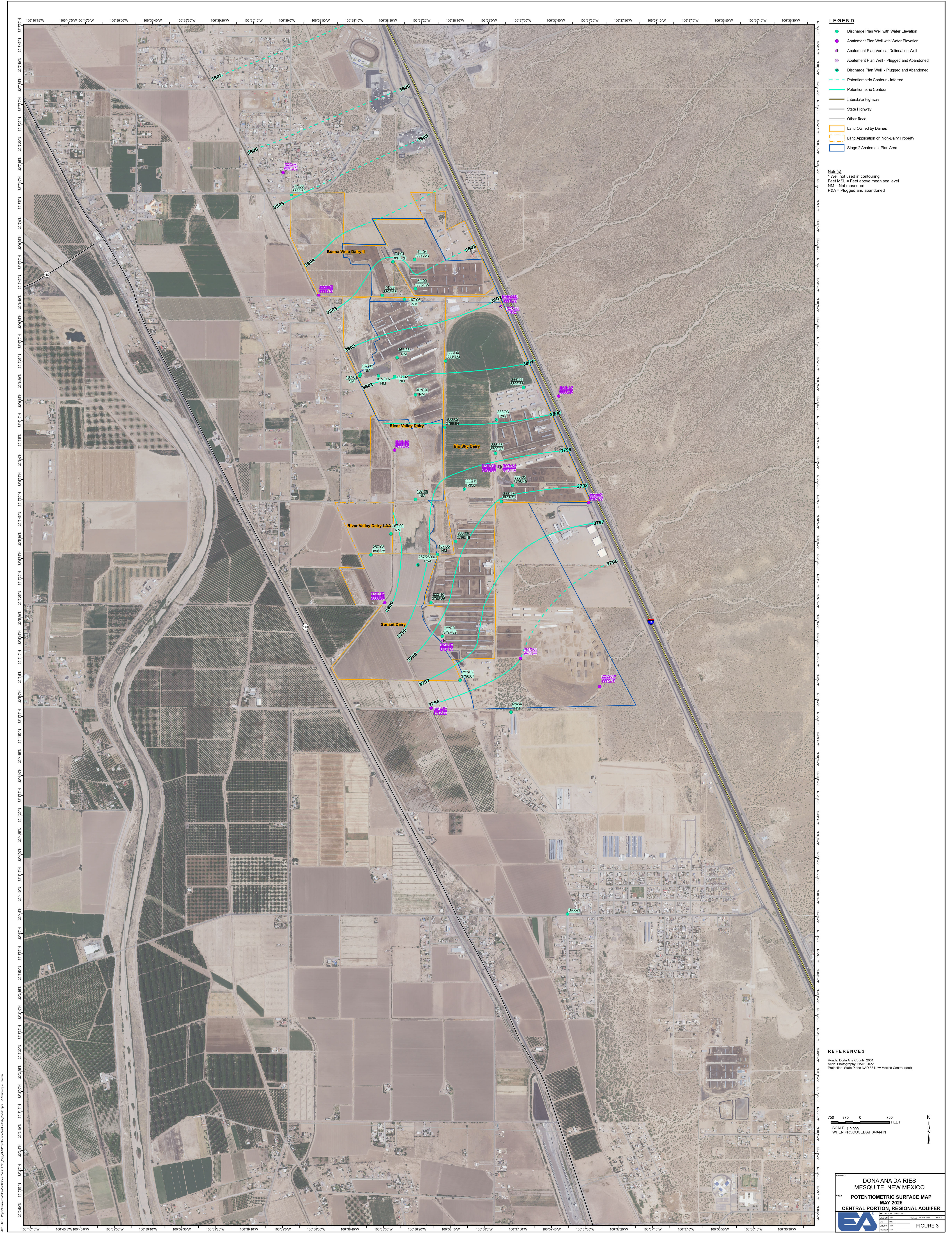
LEGEND:

 Facility Boundary

PROJECT			
DOÑA ANA DAIRIES MESQUITE, NEW MEXICO			
TITLE			
SITE LOCATION MAP			
	PROJECT No.		11x17_site loc.mxd
	DESIGN		SCALE AS SHOWN REV 0
	GIS		FIGURE 1
	CHECK		
	REVIEW		

REFERENCES
Base Data: ESRI, 2008.

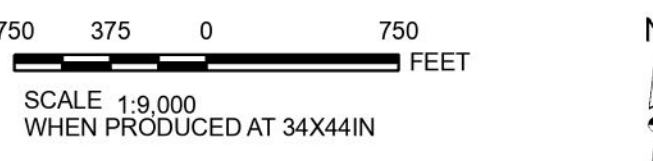




- LEGEND**
- Discharge Plan Well with Water Elevation
 - Abatement Plan Well with Water Elevation
 - Abatement Plan Vertical Delineation Well
 - Abatement Plan Well - Plugged and Abandoned
 - Discharge Plan Well - Plugged and Abandoned
 - - - Potentiometric Contour - Inferred
 - - - Potentiometric Contour
 - Interstate Highway
 - State Highway
 - Other Road
 - Land Owned by Dairies
 - Land Application on Non-Dairy Property
 - Stage 2 Abatement Plan Area

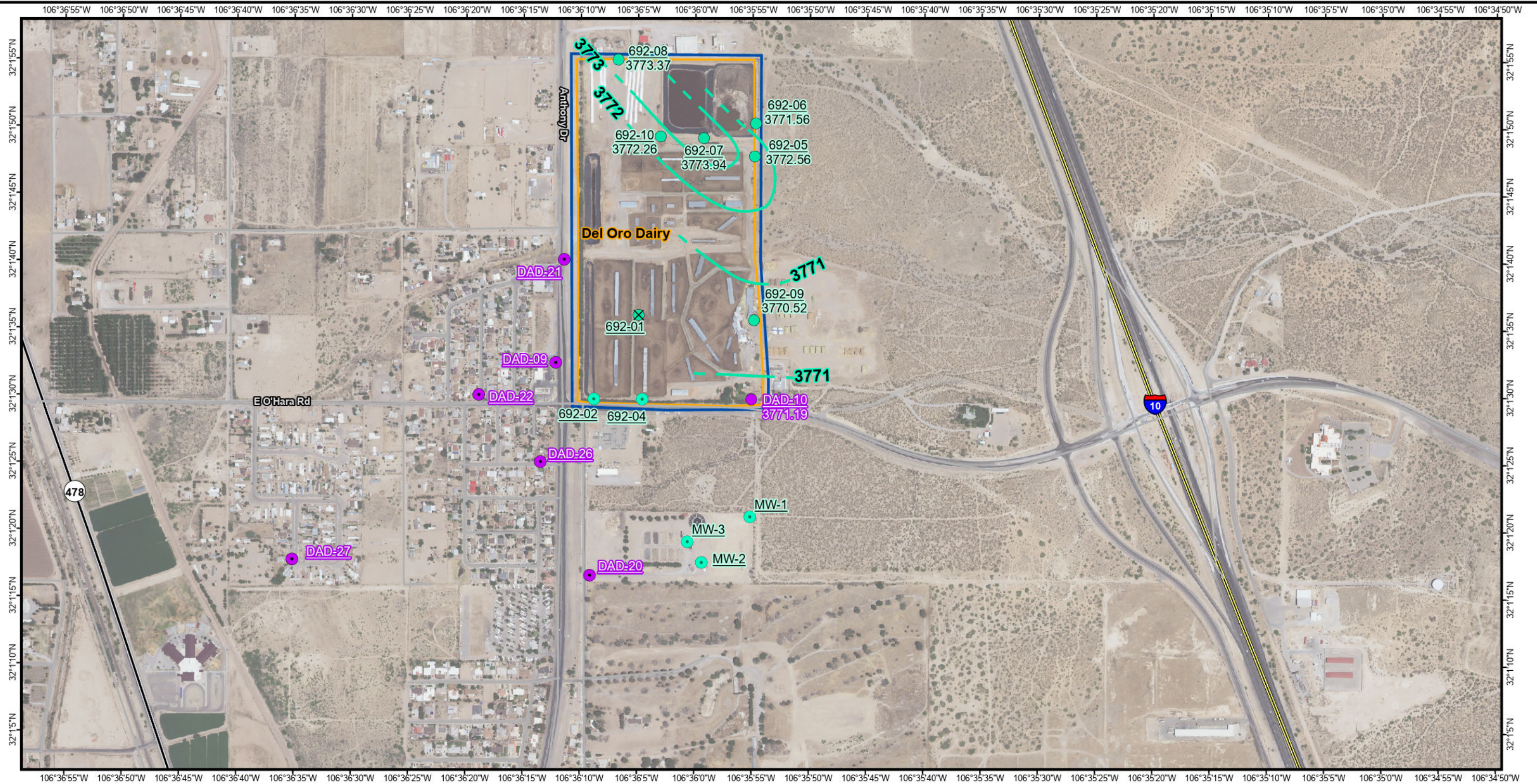
Note(s):
* Well not used in contouring
Feet MSL = Feet above mean sea level
NM = Not measured
P&A = Plugged and abandoned

REFERENCES
Roads: Dona Ana County, 2001
Aerial Photography: NAIP, 2022
Projection: State Plane HAD 83 New Mexico Central (feet)



	PROJECT	DOÑA ANA DAIRIES MESQUITE, NEW MEXICO	
	DATE	MAY 2025	
	CENTRAL PORTION, REGIONAL AQUIFER		
	PROJECT NO.	2024-01-000001	101.1
	DRAWN BY	EA	
	CHECKED BY	EA	
	DATE	05/01/2025	
	SCALE	AS SHOWN	
	FIGURE	FIGURE 3	

2025-08-12 P:\gis2\Commercial\DonaAnaDairies-21464116\01_May_2025\Projects\DonaAnaQuarterly_202505.aprx EA-Albuquerque mullen



LEGEND:

Perched Aquifer Monitoring Well

- Abatement Plan Well
- Discharge Plan Well
- Discharge Plan Well - Plugged and Abandoned

Regional Aquifer Monitoring Well

- Abatement Plan Well With Water Elevations (Feet Above Mean Sea Level)
- Discharge Plan Well with Water Elevation (Feet Above Mean Sea Level)

- Potentiometric Contour
- Potentiometric Contour - Inferred
- Land Owned by Dairies
- Stage 2 Abatement Plan Area

700 350 0 700
FEET

SCALE 1:9,000
WHEN PRODUCED AT 11X17IN

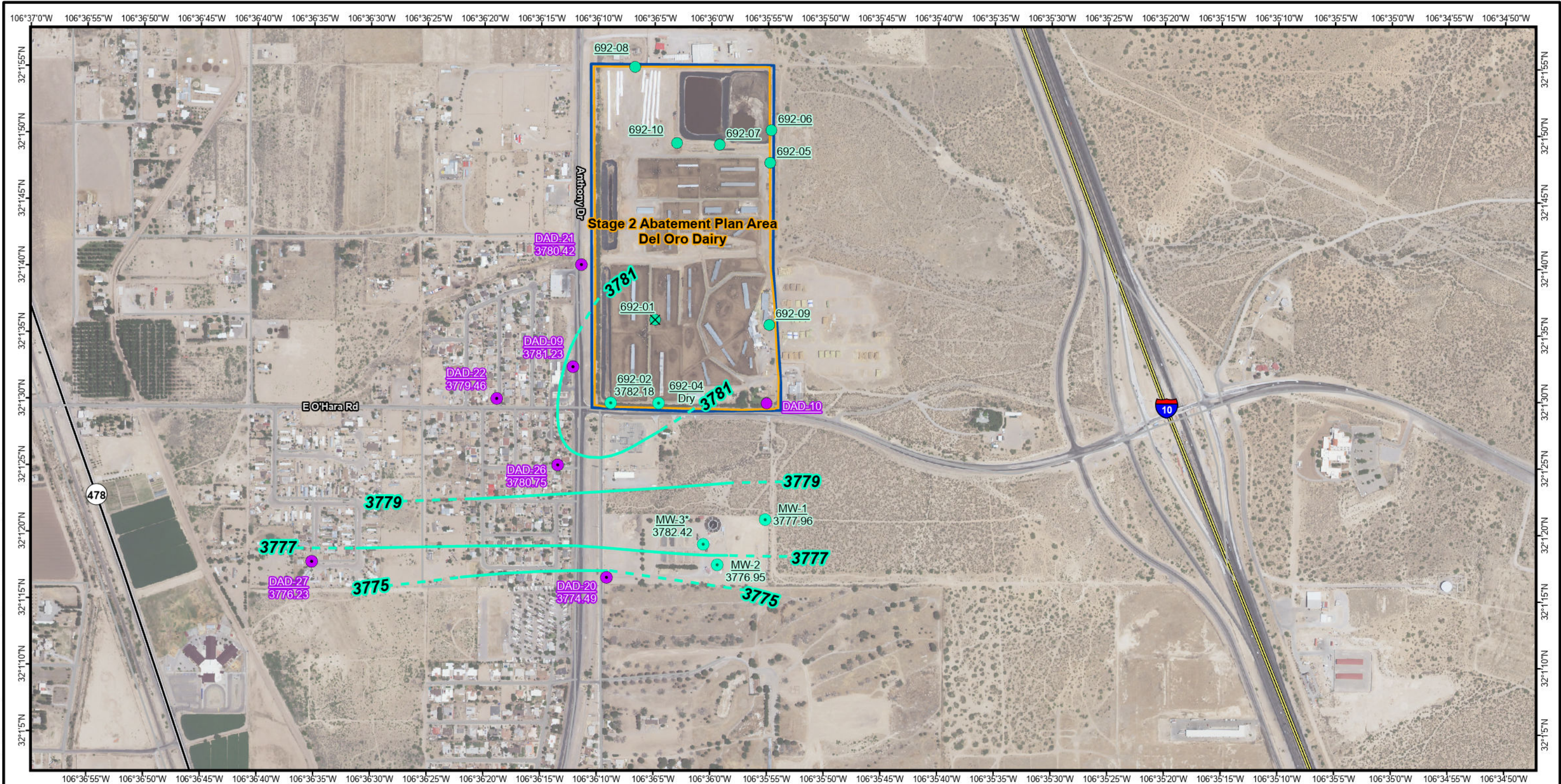
REFERENCES

Aerial Photography: NAIP 2022
Projection: State Plane NAD 83 New Mexico Central (feet)



PROJECT			
DOÑA ANA DAIRIES MESQUITE, NEW MEXICO			
TITLE			
POTENTIOMETRIC SURFACE MAP MAY 2025 SOUTHERN PORTION, REGIONAL AQUIFER			
	PROJECT No. 214641-16-02		Fig 4 SouthRegionAq_Pot.mxd
	DESIGN	NA	SCALE AS SHOWN
	GIS	RMM	REV 0
	CHECK	TM	
	REVIEW	TM	
FIGURE 4			

2025-08-11 P:\gis2\Commercial\DonaAnaDairies-21464116\01_May_2025\Projects\DonaAnaQuarterly_202505.aprx EA-Albuquerque rnullen



LEGEND:

Perched Aquifer Monitoring Well

- Abatement Plan Well With Water Elevations (Feet Above Mean Sea Level)
- Discharge Plan Well with Water Elevation (Feet Above Mean Sea Level)
- Discharge Plan Well - Plugged and Abandoned

Regional Aquifer Monitoring Well

- Abatement Plan Well
- Discharge Plan Well

- Potentiometric Contour
- Potentiometric Contour - Inferred
- Land Owned by Dairies
- Stage 2 Abatement Plan Area

Note:
* = Not used in contouring.



SCALE 1:9,000
WHEN PRODUCED AT 11X17IN

REFERENCES

Aerial Photography: NAIP 2022
Projection: State Plane NAD 83 New Mexico Central (feet)

PROJECT				
DOÑA ANA DAIRIES MESQUITE, NEW MEXICO				
TITLE				
POTENTIOMETRIC SURFACE MAP MAY 2025 SOUTHERN PORTION, PERCHED AQUIFER				
	PROJECT No. 214641-16-02		SCALE AS SHOWN	
	DESIGN	NA		REV 0
	GIS	RMM		
	CHECK	TM		
REVIEW			TM	
FIGURE 5				



- LEGEND:**
- Abatement Plan Monitoring Well
 - Abatement Plan Monitoring Well, Plugged and Abandoned
 - Discharge Plan Monitoring Well
 - Discharge Plan Monitoring Well, Plugged and Abandoned or Destroyed
 - Abatement Plan Vertical Delineation Monitoring Well
 - Land Owned by Dairies
 - Land Application on Non-Dairy Property
 - Stage 2 Abatement Plan Area

Notes:
Units are in milligrams per liter.
Cl = Chloride
NO₃ = Nitrate as N
NS = Not Sampled
TDS = Total Dissolved Solids

REFERENCES
Roads: Doña Ana County, 2001
Aerial Photography: NAIP, 2022
Projection: State Plane NAD 83 New Mexico Central (feet)

600 300 0 300 600
SCALE 1:7,200
WHEN PRODUCED AT 34X44IN

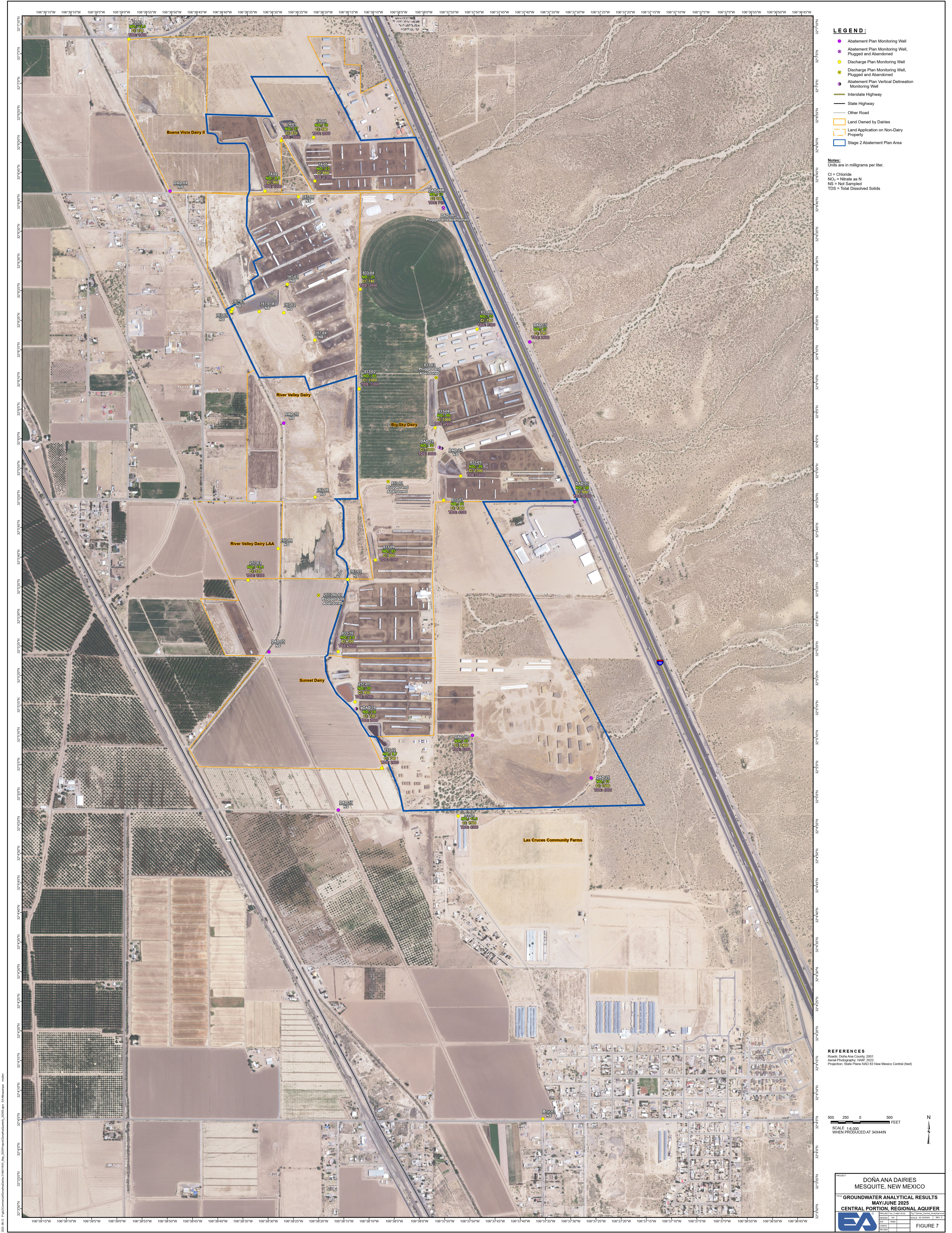
PROJECT
DOÑA ANA DAIRIES
MESQUITE, NEW MEXICO

TITLE
GROUNDWATER ANALYTICAL RESULTS
NORTHERN PORTION, REGIONAL AQUIFER

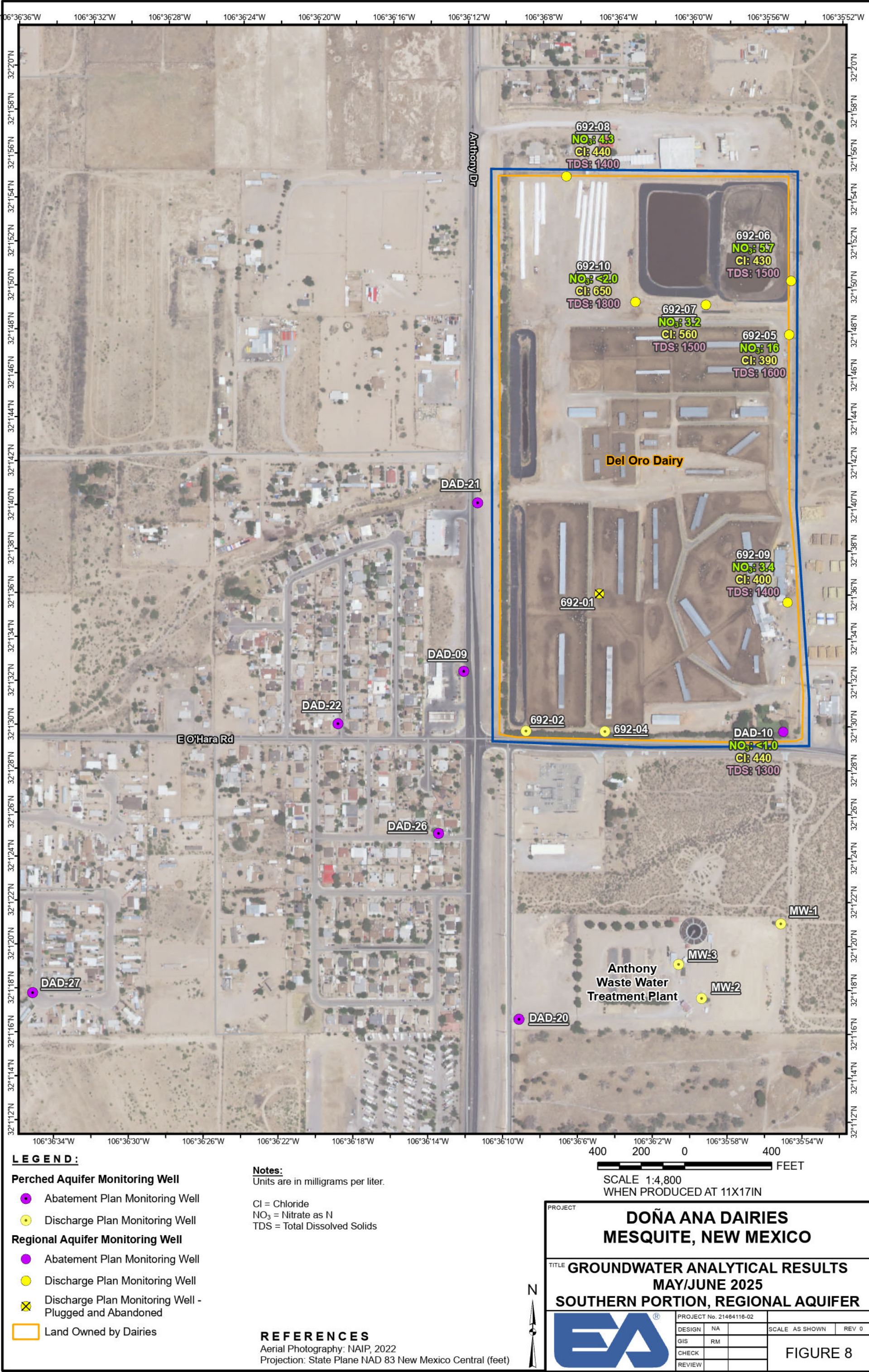
DATE
MAY/JUNE 2025

SCALE
AS SHOWN

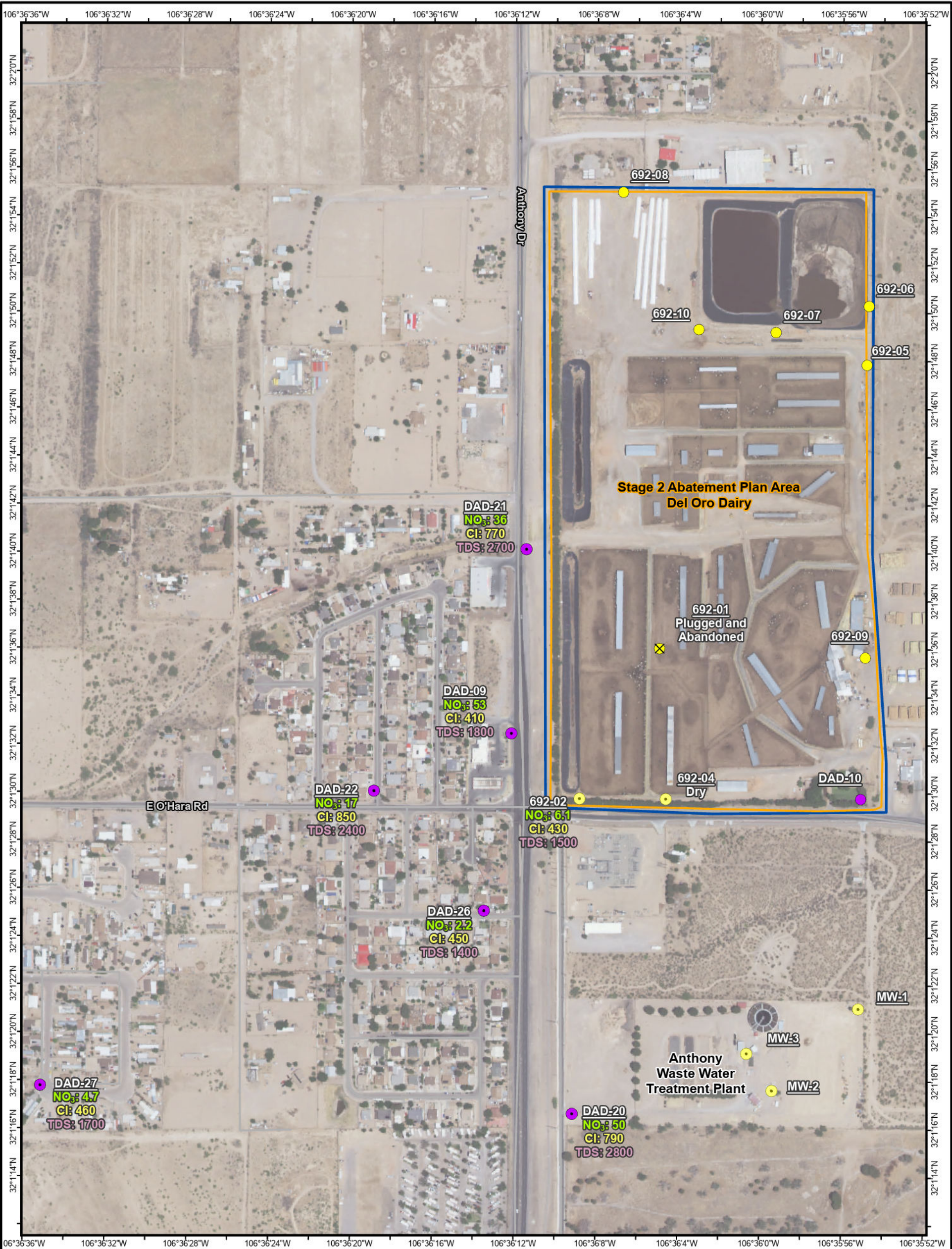
FIGURE 6



2025-08-12 P:\gis2\Commercial\DonaAnaDairies-21464116\01_May_2025\Projects\DonaAnaQuarterly_202505.aprx EA-Albuquerque mullen



2025-08-12 P:\gis2\Commercial\DonaAnaDairies-2146411601_May_2025\Projects\DonaAnaQuarterly_202505.aprx EA-Albuquerque mullen



LEGEND:

Perched Aquifer Monitoring Well

- Abatement Plan Monitoring Well
- Discharge Plan Monitoring Well

Regional Aquifer Monitoring Well

- Abatement Plan Monitoring Well
- Discharge Plan Monitoring Well
- Discharge Plan Monitoring Well, Plugged and Abandoned

- Land Owned by Dairies
- Stage 2 Abatement Plan Area

Notes:

Units are in milligrams per liter.
Cl = Chloride
NO₃ = Nitrate as N
TDS = Total Dissolved Solids

REFERENCES

Aerial Photography: NAIP, 2022
Projection: State Plane NAD 83 New Mexico Central (feet)

SCALE 1:4,800
WHEN PRODUCED AT 11X17IN



PROJECT			
DOÑA ANA DAIRIES MESQUITE, NEW MEXICO			
TITLE			
GROUNDWATER ANALYTICAL RESULTS MAY/JUNE 2025 SOUTHERN PORTION, PERCHED AQUIFER			
	PROJECT No. 21464116-02		FIGURE 9
	DESIGN	NA	
	GIS	RM	
	CHECK		
REVIEW			
SCALE		AS SHOWN	REV 0