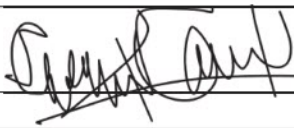


Region 6 Compliance Assurance and Enforcement Division

INSPECTION REPORT

Inspection Date(s):	06/07/2022		
Media:	Water		
Regulatory Program(s)	NPDES		
Company Name:	Gonzalez Dairy, Inc.		
Facility Name:	Gonzalez Dairy, Inc.		
Facility Physical Location:	14310 Stern Dr, Mesquite, NM 88048 (32.142528, -106.651367)		
(city, state, zip code)	Mesquite		
Mailing address:	14310, Stern Dr		
(city, state, zip code)	Mesquite		
County/Parish:	Dona Ana County		
Facility Contact:	Mr. Art Gonzalez	Office Manager	
	432-940-7579 artg357@gmail.com		
FRS Number:	N/A		
Identification/Permit Number:	NMG010053		
Media Number:	N/A		
NAICS:	112120		
SIC:	0241		
Personnel participating in inspection:			
Jack Arias	EPA Region-6 ECD-WA	Inspector	214-665-8164
EPA Lead Inspector Signature/Date	Jack Arias		06/06/2022
	{Jack Arias}		Date
Supervisor Signature/Date	ESTEBAN HERRERA		
	Digitally signed by ESTEBAN HERRERA Date: 2022.08.01 11:50:04 -05'00'		
	{Esteban Herrera}		Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 inspector, Jack Arias arrived at the Gonzalez Dairy at 9:00 AM on June 6, 2022, for an announced inspection. We met with the facility owner, Art Gonzalez at the opening conference. I presented my credentials to Mr. Art Gonzalez and informed him that this was an EPA inspection to determine the facility's compliance with the Clean Water Act (CWA) and the National Pollutant Discharge Elimination System (NPDES) Concentrated Animal Feeding Operation (CAFO) regulations. The scope of the inspection included a compliance evaluation of the facility's site operations, lagoon maintenance, nutrient management plan, verification of permit, and record keeping. Following the opening conference, Mr. Art Gonzalez accompanied me for the entirety of the inspection and gave me a tour of the site in a company vehicle. The Closing Conference was held with Mr. Art Gonzalez where we informed him of the results of the inspection and Areas of Concern.

FACILITY DESCRIPTION

Gonzalez Dairy, Inc. is inactive facility. This facility is unpermitted, but in the past confined approximately 3000 milking and dry cows and 200 heifers intended for milking cow replacement. The facility used open and covered pens. Hay and other feed commodities were covered. Pens were surrounded by a metal fence. The drainage system from the milking parlor, pens, and feed lanes discharged into ditches, and impoundments (See Photo Nos. 1 – 13 in Appendix 1).

Gonzalez Dairy, Inc. consists of two synthetically lined process wastewater lagoons or impoundments (#1 and #2), and ditches that formed part of the watershed retention control structures (RCS). The lined lagoons receive process wastewater and runoff from the cow milking parlor, pens, and feed lanes (See Photo Nos. 2 – 3 in Appendix 1).

The calculated volume of runoff from a 25-yr/24-hr rain event is 4" for this area. Gonzalez Dairy, Inc. has an evaporative system. Gonzalez Dairy, Inc. provides some solid manure waste to adjacent farm owners. The farmers mix the rest of the solid waste with soil and land apply it.

Section II - OBSERVATIONS

Hay Areas

We observe that trash was stored at this location (See Photo No. 4 in Appendix 1).

Manure Piles

We observe large buildup of manure solids inside pens. Manure solids should be removed, and area regraded and leveled to allow proper runoff (See Photo Nos. 5 - 8 in Appendix 1).

Retention Control Structures (RCSs)

Gonzalez Dairy consist of two synthetically lined process wastewater lagoons or impoundments (#1 and #2) that form part of the watershed retention control structures (RCS). Impoundments #1 and #2 show manure solids inside their perimeters (See Photo Nos. 2 - 3 in Appendix 1).

Ditches Feed Lanes and Cover Areas

We observe undefined ditches, an open wastewater door, and other areas with manure solids inside and around their perimeters (See Photo Nos.9 - 13 in Appendix 1).

Section III – AREAS OF CONCERN

The following Areas of Concern were discussed with Mr. Art Gonzalez during the closing conference. Part III section B Facility Closure Requirements that apply to the closure of manure, litter, or process wastewater storage and handling structures.

1. Trash was stored at this location.
2. Large accumulation of manure solids inside pens.
3. Impoundment #1 and #2 showed large amounts of manure solids inside their perimeter.
4. Undefined ditches and areas with manure solids inside and around their perimeters

Section IV – FOLLOW UP

Jack Arias will provide a copy of the initial NPDES permit for this facility and other enforcement information about Renewal and Termination of Permit Coverage sent to the facility on January 13, 2021. Mr. Art Gonzalez will provide new information about the facility and other information connected with areas of concern.

Section V – LIST OF APPENDICES

Appendix 1 – Photo Log – 13 photos taken 06/06/2022

Appendix 2 – EJ Screen Analysis and Topo/Aerial/Hydro pre-evaluation maps CAFO Facilities in NM

Appendix 1

Photograph Log and

Significant Photo Locations



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 1

Location: 14310 Stern Dr, Mesquite, NM 88048 (32.142528, -106.651367)		
City: Mesquite	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0791.JPG
Date of Photograph: 06/06/2022
Latitude and Longitude: 32.142528, -106.651367
Orientation: NW
Map Datum: WGS-84
Time of Photo: 10:07 AM
Photographer: Jack Arias
Description: This image shows a hay covered area that is part of the dairy facility.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: 14310 Stern Dr, Mesquite, NM 88048 (32.142528, -106.651367)		
City: Mesquite	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0809.JPG
Date of Photograph: 06/06/2022
Latitude and Longitude: 32.141307, -106.654051
Orientation: N
Map Datum: WGS-84
Time of Photo: 10:47 AM
Photographer: Jack Arias
Description:

This image shows a wastewater lagoon or impoundment #1 that formed part of the watershed retention control structures (RCS). There is a buildup of manure solids in the structure.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: 14310 Stern Dr, Mesquite, NM 88048 (32.142528, -106.651367)		
City: Mesquite	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0859.JPG
Date of Photograph: 06/06/2022
Latitude and Longitude: 32.144253, -106.657084
Orientation: SW
Map Datum: WGS-84
Time of Photo: 11:41 AM
Photographer: Jack Arias
Description:

This image shows a wastewater lagoon or impoundment #2 that formed part of the watershed retention control structures (RCS). There is a buildup of manure solids in the structure.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: 14310 Stern Dr, Mesquite, NM 88048 (32.142528, -106.651367)		
City: Mesquite	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0793.JPG
Date of Photograph: 06/06/2022
Latitude and Longitude: 32.142528, -106.651367
Orientation: NW
Map Datum: WGS-84
Time of Photo: 10:08 AM
Photographer: Jack Arias
Description: This image shows trash stored at this location.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

Location: 14310 Stern Dr, Mesquite, NM 88048 (32.142528, -106.651367)		
City: Mesquite	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0825.JPG
Date of Photograph: 06/06/2022
Latitude and Longitude: 32.144721, -106.656433
Orientation: N
Map Datum: WGS-84
Time of Photo: 11:05 AM
Photographer: Jack Arias
Description: This image shows an accumulation of manure solids next to pens.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 6

Location: 14310 Stern Dr, Mesquite, NM 88048 (32.142528, -106.651367)		
City: Mesquite	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0826.JPG
Date of Photograph: 06/06/2022
Latitude and Longitude: 32.157803, -106.668447
Orientation: N
Map Datum: WGS-84
Time of Photo: 11:05 AM
Photographer: Jack Arias
Description: This image shows manure solids next to pens.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 7

Location: 14310 Stern Dr, Mesquite, NM 88048 (32.142528, -106.651367)		
City: Mesquite	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0827.JPG
Date of Photograph: 06/06/2022
Latitude and Longitude: 32.144721, -106.656433
Orientation: N
Map Datum: WGS-84
Time of Photo: 11:13 AM
Photographer: Jack Arias
Description: This image shows manure solids inside old pens.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 8

Location: 14310 Stern Dr, Mesquite, NM 88048 (32.142528, -106.651367)		
City: Mesquite	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0835.JPG
Date of Photograph: 06/06/2022
Latitude and Longitude: 32.144167, -106.656982
Orientation: W
Map Datum: WGS-84
Time of Photo: 11:17 AM
Photographer: Jack Arias
Description: This image shows manure solids inside old pens.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 9

Location: 14310 Stern Dr, Mesquite, NM 88048 (32.142528, -106.651367)		
City: Mesquite	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0836.JPG
Date of Photograph: 06/06/2022
Latitude and Longitude: 32.142051, -106.651099
Orientation: E
Map Datum: WGS-84
Time of Photo: 11:18 PM
Photographer: Jack Arias
Description: This image shows manure solids inside and around pens.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 10

Location: 14310 Stern Dr, Mesquite, NM 88048 (32.142528, -106.651367)		
City: Mesquite	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0838.JPG
Date of Photograph: 06/06/2022
Latitude and Longitude: 32.144167, -106.656982
Orientation: SE
Map Datum: WGS-84
Time of Photo: 11:18 PM
Photographer: Jack Arias
Description: This image shows manure solids next to feed lanes.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 11

Location: 14310 Stern Dr, Mesquite, NM 88048 (32.142528, -106.651367)		
City: Mesquite	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0840.JPG
Date of Photograph: 06/06/2022
Latitude and Longitude: 32.144167, -106.656982
Orientation: SE
Map Datum: WGS-84
Time of Photo: 11:18 AM
Photographer: Jack Arias
Description: This image shows manure solids next to feed lanes.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 12

Location: 14310 Stern Dr, Mesquite, NM 88048 (32.142528, -106.651367)		
City: Mesquite	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0856.JPG
Date of Photograph: 06/06/2022
Latitude and Longitude: 32.144339, -106.657185
Orientation: S
Map Datum: WGS-84
Time of Photo: 11:36 AM
Photographer: Jack Arias
Description: This image shows an open wastewater door next to impoundment #2.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 13

Location: 14310 Stern Dr, Mesquite, NM 88048 (32.142528, -106.651367)		
City: Mesquite	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0865.JPG
Date of Photograph: 06/06/2022
Latitude and Longitude: 32.144339, -106.657185
Orientation: S
Map Datum: WGS-84
Time of Photo: 11:46 AM
Photographer: Jack Arias
Description: This image shows an undefined ditch next to impoundment #2.

Appendix 2

Photograph Log and

EJ Screen Analysis and Topo/Aerial/Hydro pre-evaluation Maps
CAFO Facility in NM



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

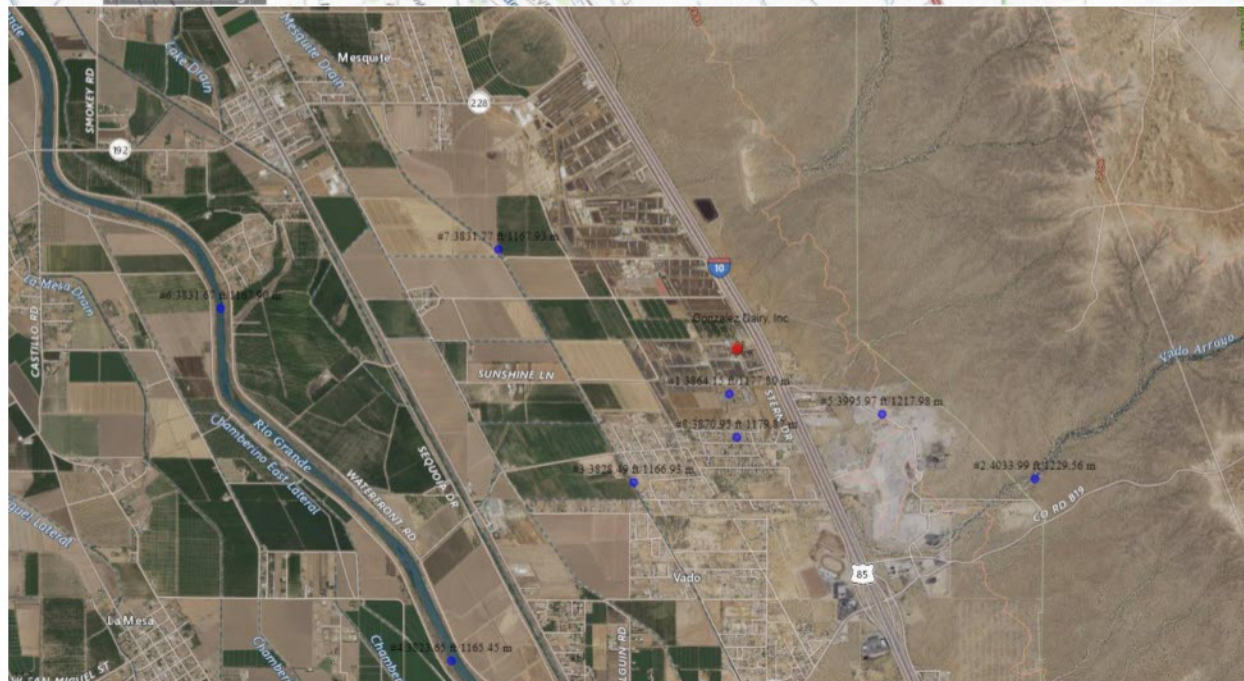
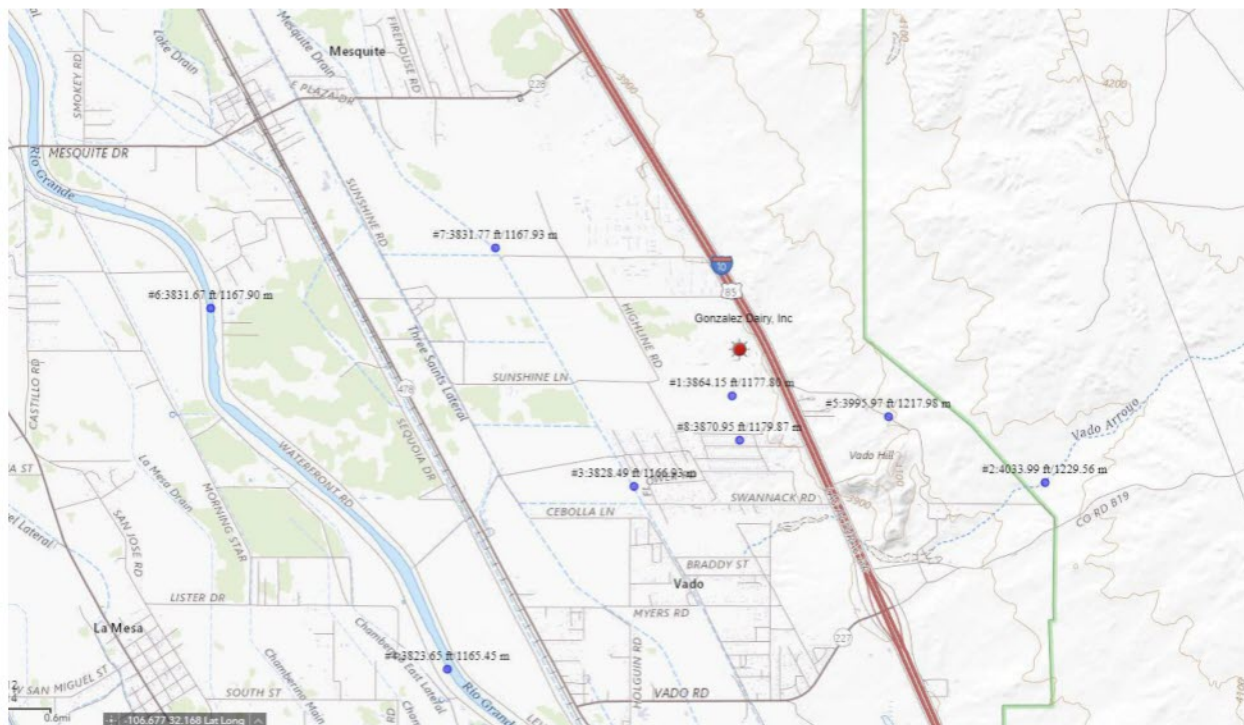
Photo No. 2

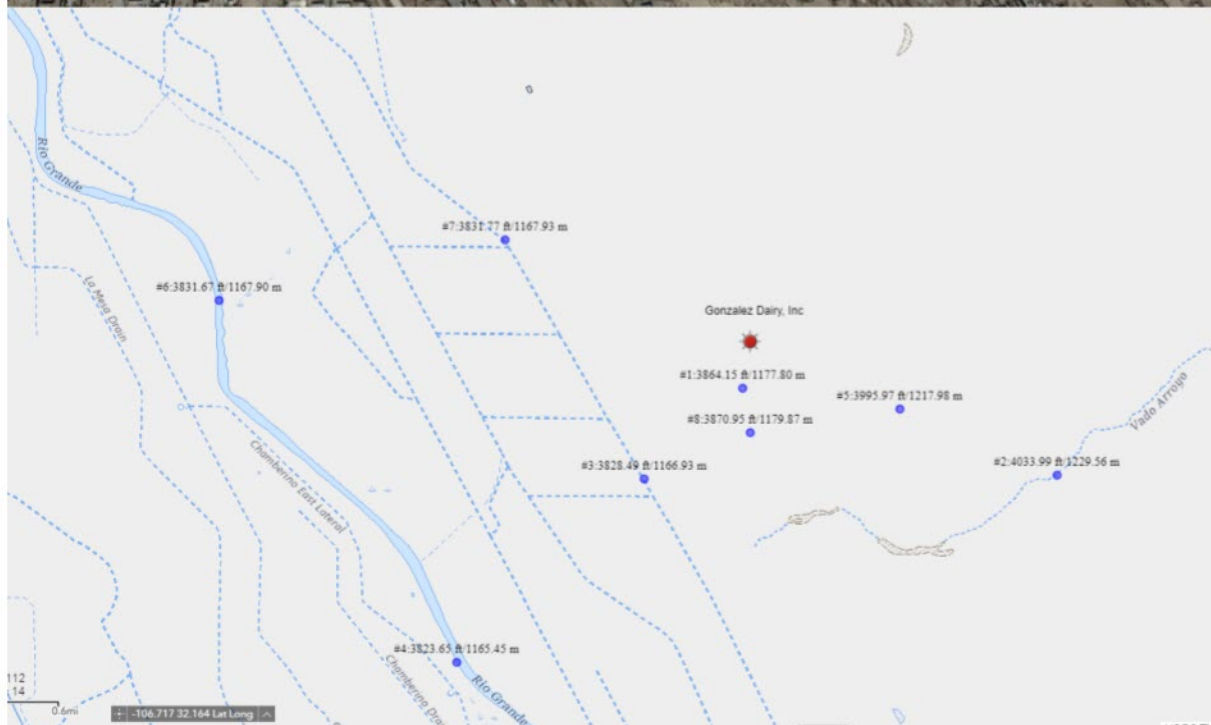
Location: 14310 Stern Dr, Mesquite, NM 88048 (32.142528, -106.651367)

City: Mesquite

County: Dona Ana County

State: New Mexico

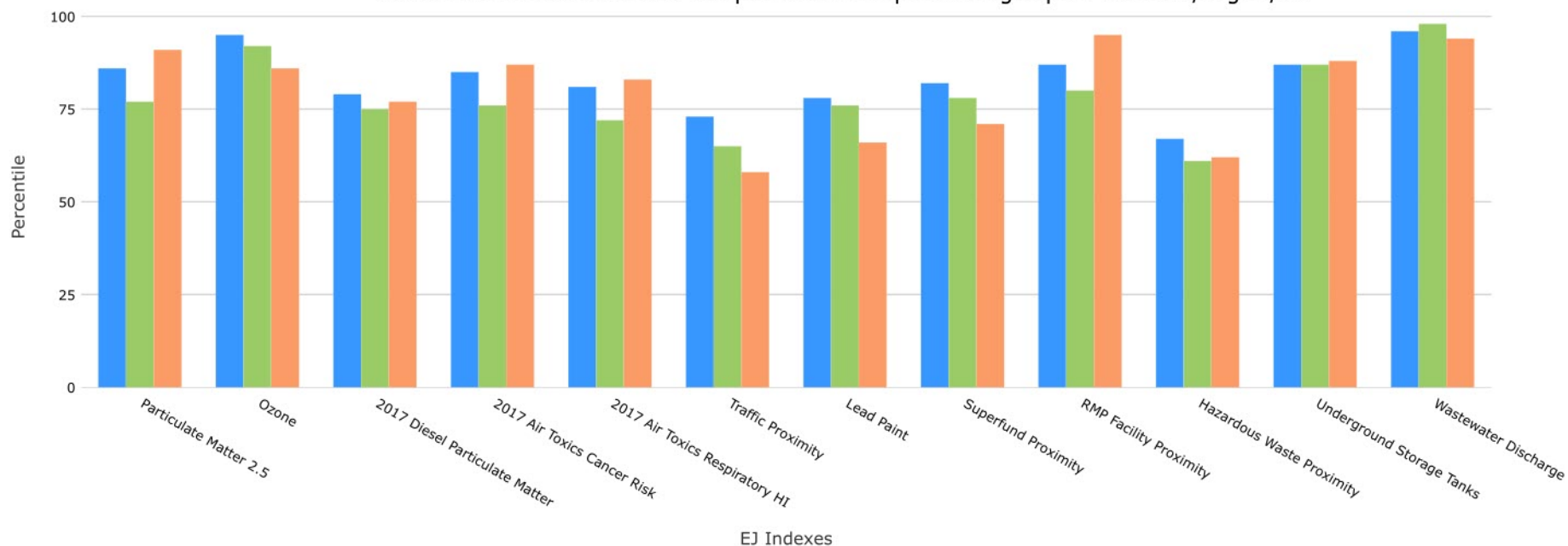




EJScreen Report (Version 2.0)
1 mile Ring Centered at 32.146185,-106.651926
NEW MEXICO, EPA Region 6
Approximate Population: 1,181
Input Area (sq. miles): 3.14

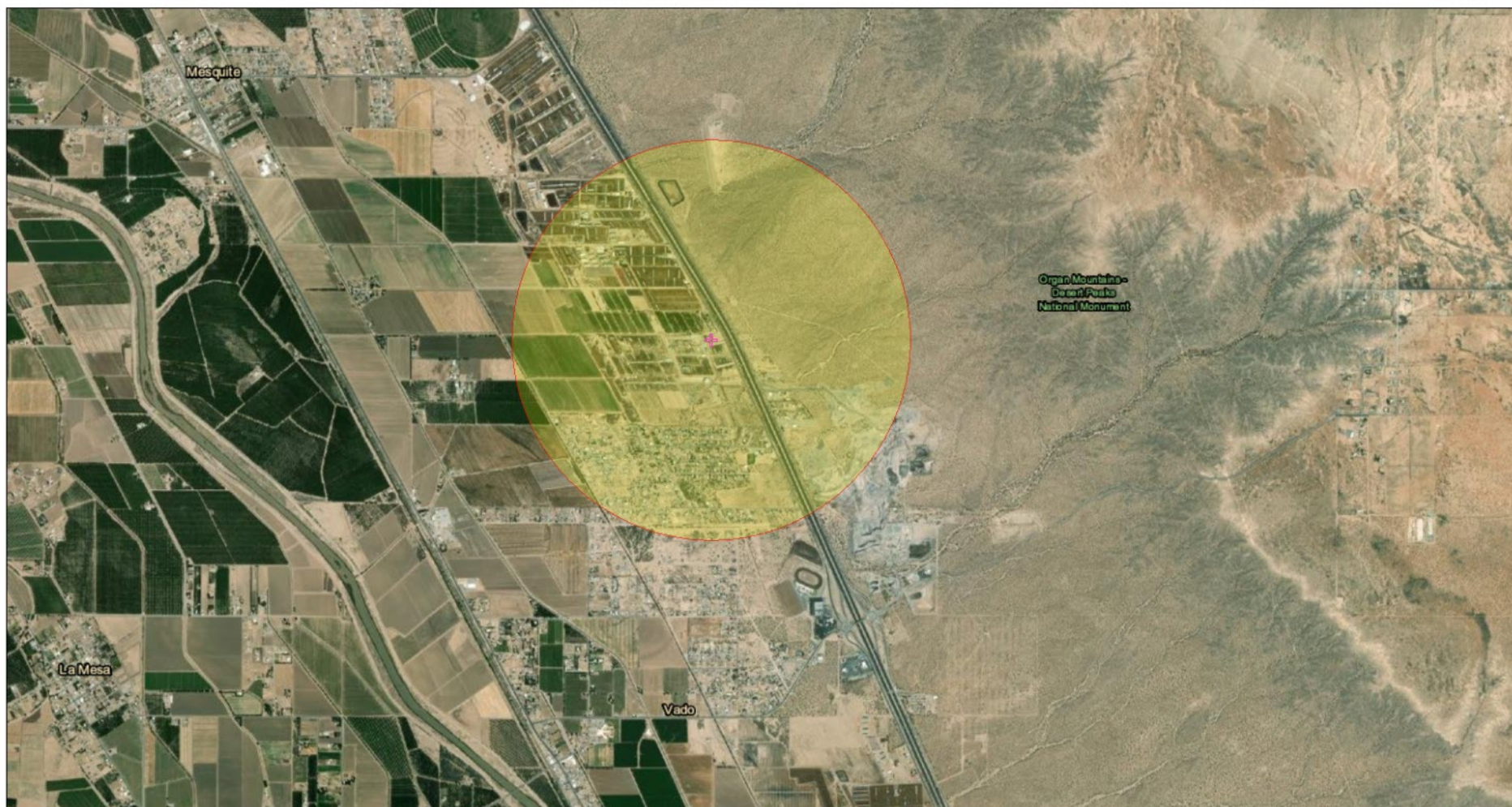
Selected Variables	Percentile in State	Percentile in EPA Region	Percentile in USA
Environmental Justice Indexes			
EJ Index for Particulate Matter 2.5	91	77	86
EJ Index for Ozone	86	92	95
EJ Index for 2017 Diesel Particulate Matter*	77	75	79
EJ Index for 2017 Air Toxics Cancer Risk*	87	76	85
EJ Index for 2017 Air Toxics Respiratory HI*	83	72	81
EJ Index for Traffic Proximity	58	65	73
EJ Index for Lead Paint	66	76	78
EJ Index for Superfund Proximity	71	78	82
EJ Index for RMP Facility Proximity	95	80	87
EJ Index for Hazardous Waste Proximity	62	61	67
EJ Index for Underground Storage Tanks	88	87	87
EJ Index for Wastewater Discharge	94	98	96

EJ Index for the Selected Area Compared to All People's Blockgroups in the State/Region/US



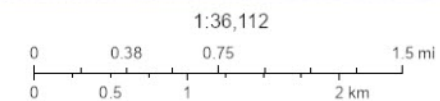
State Percentile Regional Percentile National Percentile

This report shows the values for environmental and demographic indicators and EJScreen indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJScreen documentation for discussion of these issues before using reports.



June 2, 2022

- Urbanized Areas
- Gonzalez Dairy, Inc



Esri, HERE, Garmin, Maxar, EPA OEI

Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0

Selected Variables	Value	State		EPA Region		USA	
		Avg.	%tile	Avg.	%tile	Avg.	%tile
Pollution and Sources							
Particulate Matter 2.5 (µg/m³)	6.42	5.58	87	9.32	4	8.74	6
Ozone (ppb)	55.9	56.2	35	41.1	96	42.6	93
2017 Diesel Particulate Matter* (µg/m³)	0.135	0.208	46	0.219	<50th	0.295	<50th
2017 Air Toxics Cancer Risk* (lifetime risk per million)	20	20	78	32	<50th	29	<50th
2017 Air Toxics Respiratory HI*	0.2	0.24	60	0.37	<50th	0.36	<50th
Traffic Proximity (daily traffic count/distance to road)	70	480	23	470	28	710	27
Lead Paint (% Pre-1960 Housing)	0.073	0.18	47	0.16	53	0.28	34
Superfund Proximity (site count/km distance)	0.044	0.13	44	0.08	53	0.13	37
RMP Facility Proximity (facility count/km distance)	0.66	0.25	89	0.83	62	0.75	66
Hazardous Waste Proximity (facility count/km distance)	0.086	0.82	31	0.8	19	2.2	14
Underground Storage Tanks (count/km²)	2.1	2.5	68	2	65	3.9	59
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.63	4.6	89	0.5	96	12	91
Socioeconomic Indicators							
Demographic Index	85%	52%	96	44%	96	36%	97
People of Color	100%	63%	98	52%	98	40%	98
Low Income	69%	41%	89	36%	92	31%	94
Unemployment Rate	13%	7%	84	5%	91	5%	91
Linguistically Isolated	42%	5%	99	6%	98	5%	98
Less Than High School Education	52%	14%	98	15%	97	12%	98
Under Age 5	11%	6%	90	7%	87	6%	91
Over Age 64	10%	17%	23	13%	39	16%	28

*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's 2017 Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>. (<https://www.epa.gov/haps/air-toxics-data-update>)

For additional information, see: www.epa.gov/environmentaljustice (<https://www.epa.gov/environmentaljustice>)

EJScreen is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJScreen documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJScreen outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.