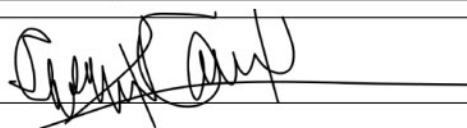


**Region 6 Compliance Assurance and Enforcement Division
INSPECTION REPORT**

Inspection Date(s):	06/08/2022		
Media:	Water		
Regulatory Program(s)	NPDES		
Company Name:	Farm and Ranch Heritage Museum		
Facility Name:	Farm and Ranch Heritage Museum		
Facility Physical Location:	4100 Dripping Springs Rd, Las Cruces, NM 88011 (32.300214, -106.720757)		
(city, state, zip code)	Las Cruces		
Mailing address:	4100 Dripping Springs Rd		
(city, state, zip code)	Las Cruces		
County/Parish:	Dona Ana County		
Facility Contact:	Mr. Greg Bold	Facility Manager	
	575-522-4100		
FRS Number:	N/A		
Identification/Permit Number:	NMU002091		
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  {Jack Arias}		08/05/2022 Date
Supervisor Signature/Date	ESTEBAN HERRERA  {Esteban Herrera}		Digitally signed by ESTEBAN HERRERA Date: 2022.08.05 16:06:14 -05'00' Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 inspector, Jack Arias arrived at Farm and Ranch Heritage Museum at 2:00 PM on June 8, 2022, for an announced inspection. I met with the facility manager, Mr. Greg Bold at the opening conference. I presented my credentials to Mr. Greg Bold 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, maintenance, and organization plan. Following the opening conference, Mr. Greg Bold 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. Greg Bold where I informed him of the results of the inspection and areas of concern.

FACILITY DESCRIPTION

Farm and Ranch Heritage Museum is an unpermitted facility. This facility confined approximately 40 cows, 20 horses, and 20 goats. The facility uses open and covered pens. Hay and other feed commodities are covered. Pens and corrals are open and covered and surrounded by a metal fence. The drainage system from pens and feed lanes discharge into ditches and controlled areas. Farm and Ranch Heritage Museum consists of control areas and ditches that formed part of the watershed retention control structures (RCS). The calculated volume of runoff from a 25-yr/24-hr rain event is 8" for this area. (See Photo Nos. 1 – 10 in Appendix 1).

Section II - OBSERVATIONS

Manure Piles

There is a small buildup of manure solids outside of the pens. Manure solids should be removed. The area of concern should be regraded and leveled to allow proper runoff and reduce risk of wastewater intrusion into arroyos (See Photo Nos. 6 - 10 in Appendix 1).

Retention Control Structures (RCSs)

Farm and Ranch Heritage Museum is 20 feet from Tortugas's arroyo and consists of an undefined runoff control ditch system that forms part of the RCS (See Photo Nos. 8 - 9 in Appendix 1).

Section III – AREAS OF CONCERN

The following areas of concern were discussed with Mr. Greg Bold 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. Small buildup of manure solids outside of the pens.
2. Undefined runoff control ditch system that formed part of the RCS.
3. Areas of concern next to pens should be regraded and leveled to allow proper runoff and reduce risk of wastewater intrusion into arroyo.

Section IV – FOLLOW UP

Jack Arias will provide a copy of the inspection report to the facility and will communicate with the facility to resolve areas of concern.

Section V – LIST OF APPENDICES

Appendix 1 – Photo Log – 10 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: 4100 Dripping Springs Rd, Las Cruces, NM 88011 (32.300214, -106.720757)		
City: Las Cruces	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN1006.JPG
Date of Photograph: 06/08/2022
Latitude and Longitude: 32.296955531761846, -106.71925102028219
Orientation: S
Map Datum: WGS-84
Time of Photo: 16:04 PM
Photographer: Jack Arias
Description: This image shows the entrance of the facility.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: 4100 Dripping Springs Rd, Las Cruces, NM 88011 (32.300214, -106.720757)		
City: Las Cruces	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0957.JPG
Date of Photograph: 06/08/2022
Latitude and Longitude: 32.29732126673403, -106.71832702718748
Orientation: N
Map Datum: WGS-84
Time of Photo: 15:38 PM
Photographer: Jack Arias
Description: This image shows confined/covered pens surrounded by a metal fence.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: 4100 Dripping Springs Rd, Las Cruces, NM 88011 (32.300214, -106.720757)		
City: Las Cruces	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0969.JPG
Date of Photograph: 06/08/2022
Latitude and Longitud: 32.29732126673403, -106.71832702718748
Orientation: N
Map Datum: WGS-84
Time of Photo: 15:38 PM
Photographer: Jack Arias
Description: This image shows confined/covered pens surrounded by a metal fence.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: 4100 Dripping Springs Rd, Las Cruces, NM 88011 (32.300214, -106.720757)		
City: Las Cruces	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0992.JPG
Date of Photograph: 06/08/2022
Latitude and Longitud: 32.29716042516051, -106.71906796718407
Orientation: S
Map Datum: WGS-84
Time of Photo: 15:59 PM
Photographer: Jack Arias
Description: This image shows confined/open pens surrounded by a metal fence.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

Location: 4100 Dripping Springs Rd, Las Cruces, NM 88011 (32.300214, -106.720757)		
City: Las Cruces	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN1003.JPG
Date of Photograph: 06/08/2022
Latitude and Longitud: 32.29691916226511, -106.71877678064844
Orientation: S
Map Datum: WGS-84
Time of Photo: 16:03 PM
Photographer: Jack Arias
Description: This image shows the outside of the confined and covered pens.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 6

Location: 4100 Dripping Springs Rd, Las Cruces, NM 88011 (32.300214, -106.720757)		
City: Las Cruces	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN1010.JPG
Date of Photograph: 06/08/2022
Latitude and Longitud: 32.29760883126021, -106.71948600725997
Orientation: S
Map Datum: WGS-84
Time of Photo: 16:18 AM
Photographer: Jack Arias
Description: This image shows some buildup of manure solids in the pens.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 7

Location: 4100 Dripping Springs Rd, Las Cruces, NM 88011 (32.300214, -106.720757)		
City: Las Cruces	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN1012.JPG
Date of Photograph: 06/08/2022
Latitude and Longitude: 32.29648537482737, -106.71928131177586
Orientation: SE
Map Datum: WGS-84
Time of Photo: 16:17 PM
Photographer: Jack Arias
Description: This image shows more buildup of manure solids outside of the pens.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 8

Location: 4100 Dripping Springs Rd, Las Cruces, NM 88011 (32.300214, -106.720757)		
City: Las Cruces	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN1013.JPG
Date of Photograph: 06/08/2022
Latitude and Longitud: 32.29985082852095, -106.71775906928823
Orientation: N
Map Datum: WGS-84
Time of Photo: 16:20 PM
Photographer: Jack Arias
Description: This image shows a buildup of manure solids outside of the north pens.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 9

Location: 4100 Dripping Springs Rd, Las Cruces, NM 88011 (32.300214, -106.720757)		
City: Las Cruces	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0981.JPG
Date of Photograph: 06/08/2022
Latitude and Longitude: 32.299468230744445, -106.7185317226741
Orientation: NW
Map Datum: WGS-84
Time of Photo: 15:50 PM
Photographer: Jack Arias
Description: This image shows a buildup of manure solids inside the ditch system.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 10

Location: 4100 Dripping Springs Rd, Las Cruces, NM 88011 (32.300214, -106.720757)		
City: Las Cruces	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0971.JPG
Date of Photograph: 06/08/2022
Latitude and Longitude: 32.29869571947307, -106.71833855933231
Orientation: N
Map Datum: WGS-84
Time of Photo: 15:38 PM
Photographer: Jack Arias
Description: This image shows a buildup of manure solids inside of the pens.

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

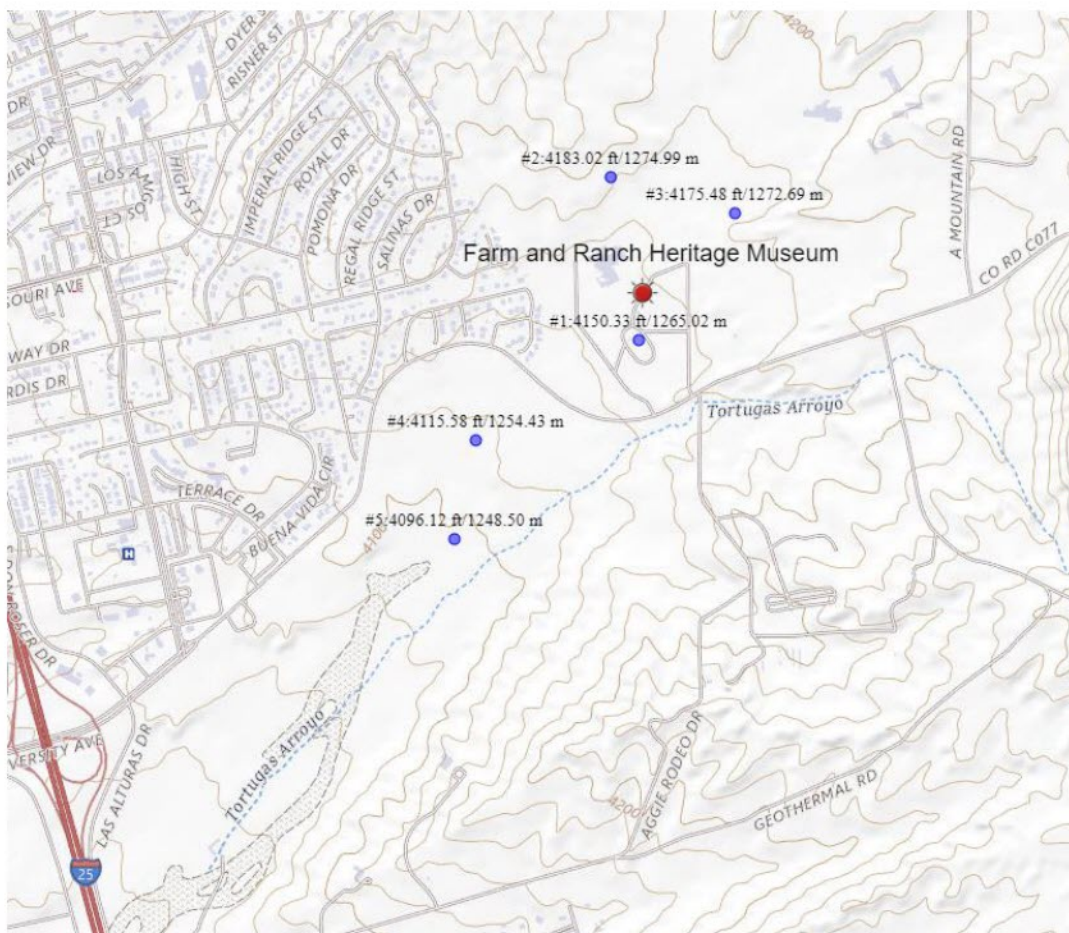
Photo No. 2

Location: 4100 Dripping Springs Rd, Las Cruces, NM 88011 (32.300214, -106.720757)

City: Las Cruces

County: Dona Ana

State: New Mexico





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: 4100 Dripping Springs Rd, Las Cruces, NM 88011 (32.300214, -106.720757)		
City: Las Cruces	County: Dona Ana	State: New Mexico



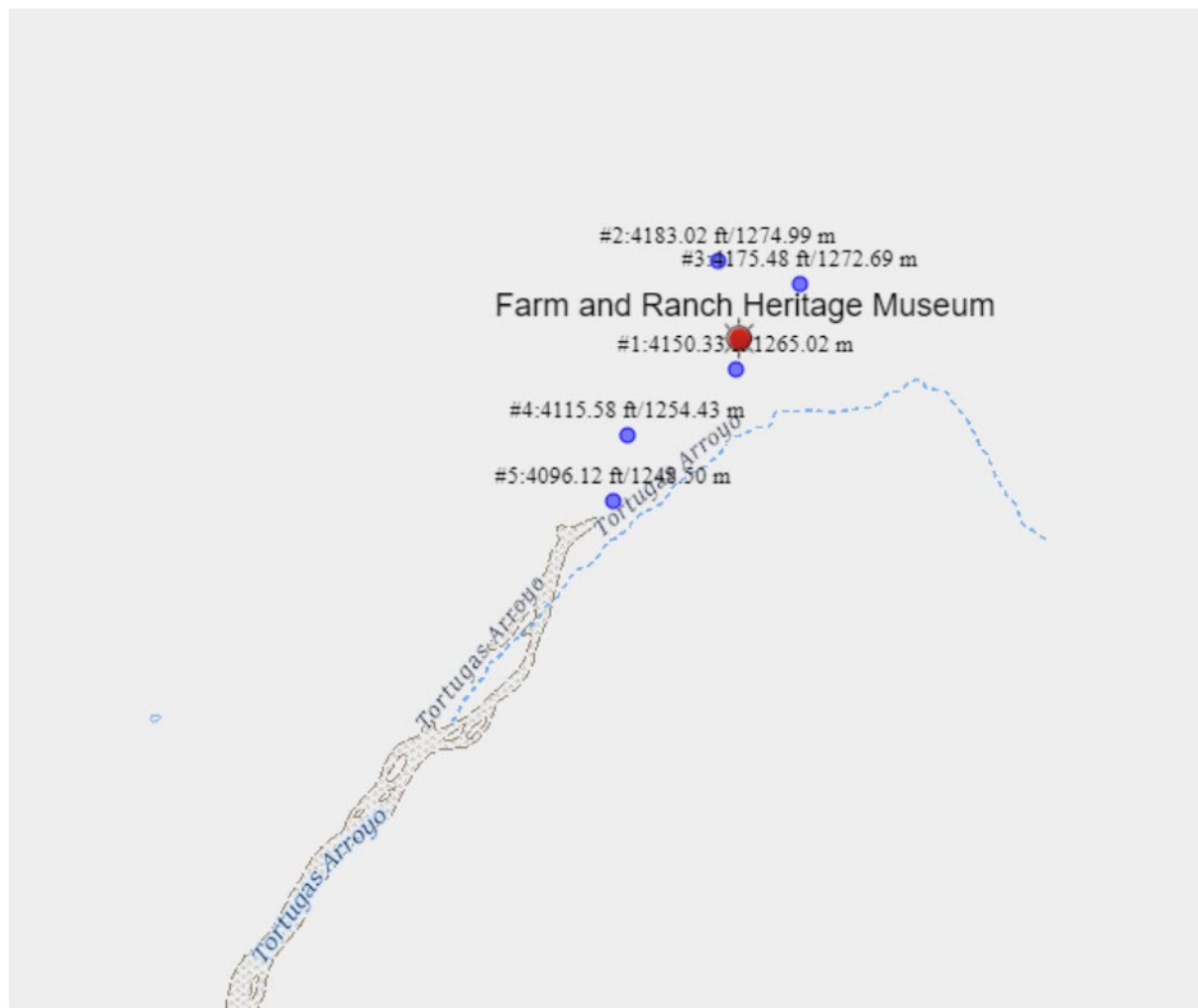


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: 4100 Dripping Springs Rd, Las Cruces, NM 88011 (32.300214, -106.720757)		
City: Las Cruces	County: Dona Ana	State: New Mexico



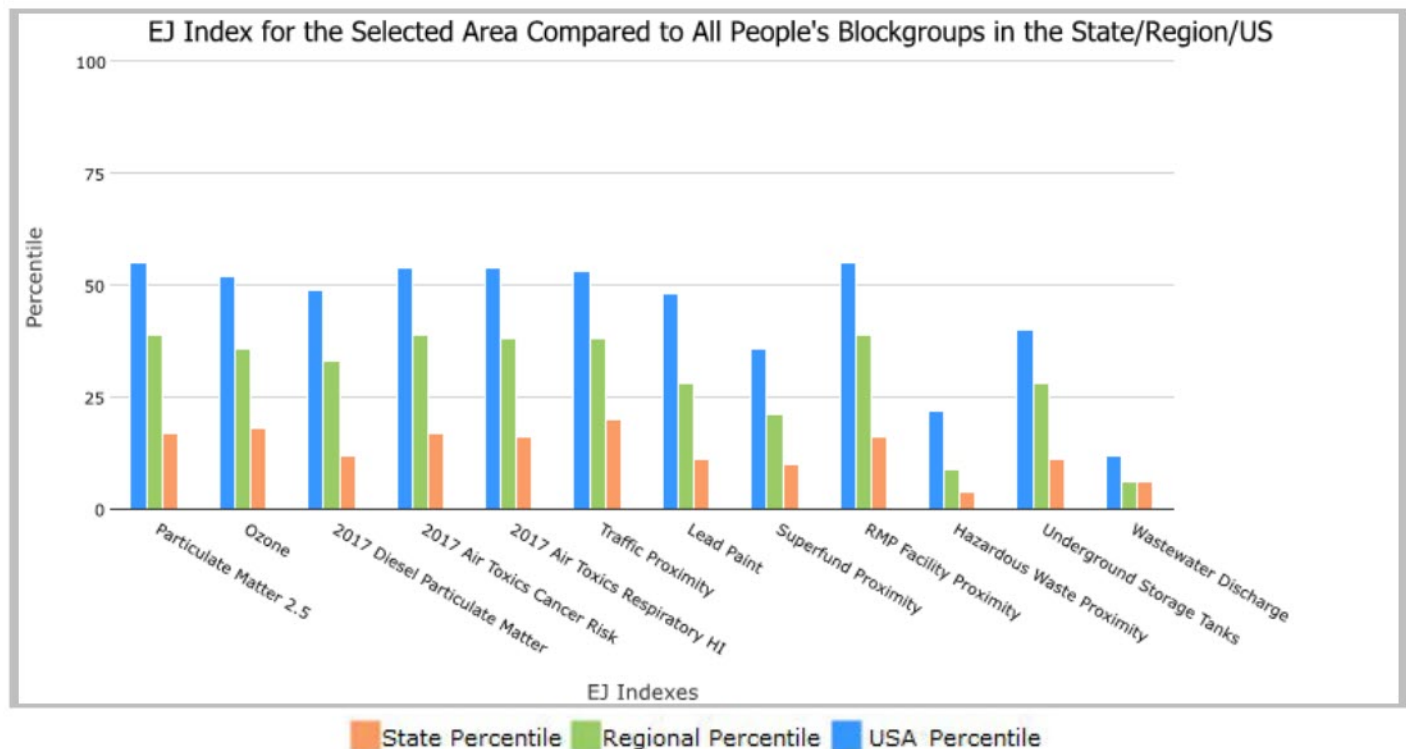
1 mile Ring Centered at 32.297236,-106.719046, NEW MEXICO, EPA Region 6

Approximate Population: 3,012

Input Area (sq. miles): 3.14

Farm and Ranch Heritage Museum

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
Environmental Justice Indexes			
EJ Index for Particulate Matter 2.5	17	39	55
EJ Index for Ozone	18	36	52
EJ Index for 2017 Diesel Particulate Matter*	12	33	49
EJ Index for 2017 Air Toxics Cancer Risk*	17	39	54
EJ Index for 2017 Air Toxics Respiratory HI*	16	38	54
EJ Index for Traffic Proximity	20	38	53
EJ Index for Lead Paint	11	28	48
EJ Index for Superfund Proximity	10	21	36
EJ Index for RMP Facility Proximity	16	39	55
EJ Index for Hazardous Waste Proximity	4	9	22
EJ Index for Underground Storage Tanks	11	28	40
EJ Index for Wastewater Discharge	6	6	12



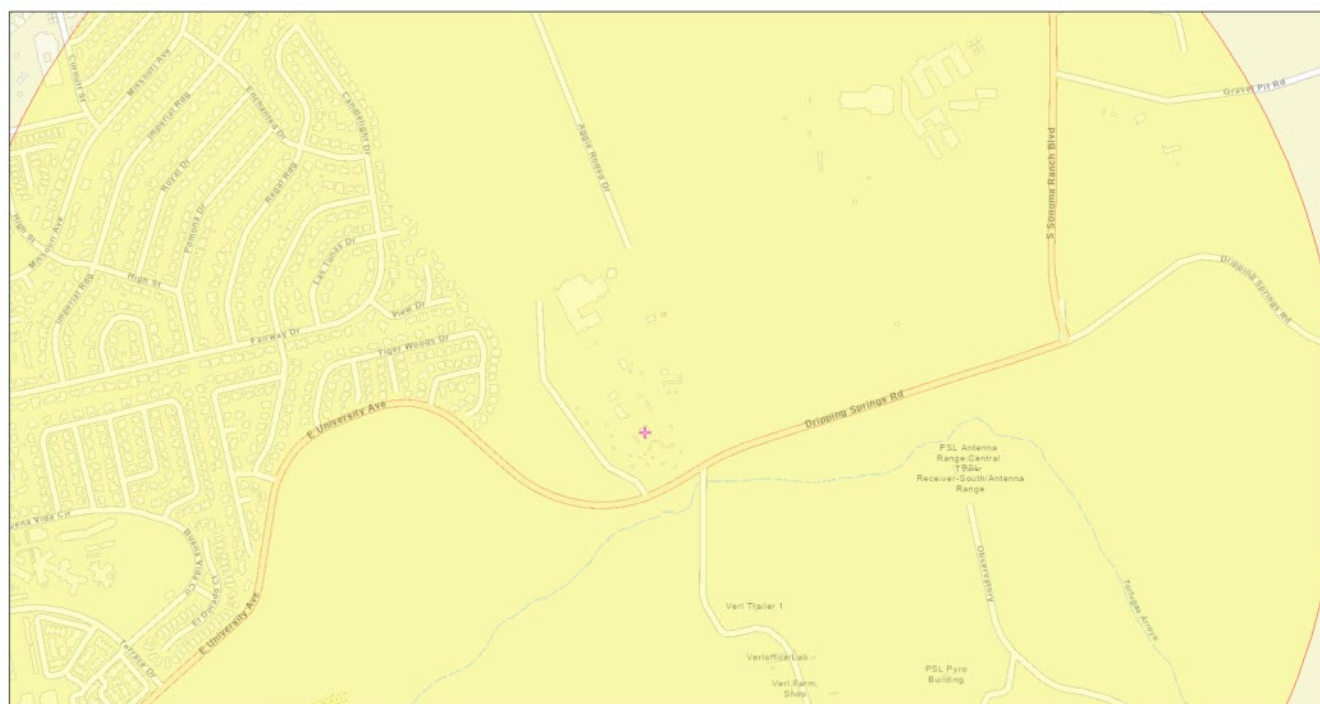
This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective 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.

1 mile Ring Centered at 32.297236,-106.719046, NEW MEXICO, EPA Region 6

Approximate Population: 3,012

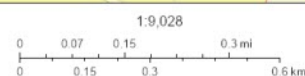
Input Area (sq. miles): 3.14

Farm and Ranch Heritage Museum



August 5, 2022

✚ Farm and Ranch Heritage Museum



Esri Community Maps Contributors, New Mexico State University, City of Las Cruces GIS, Dona Ana County, © OpenStreetMap, Microsoft, CONANP, Esri, HERE, Garmin, FourSquare, SafeGraph, GeoTechnologies, Inc., METNADA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA

Sites reporting to EPA

Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	1

EJScreen Report (Version 2.0)



1 mile Ring Centered at 32.297236,-106.719046, NEW MEXICO, EPA Region 6

Approximate Population: 3,012

Input Area (sq. miles): 3.14

Farm and Ranch Heritage Museum

Selected Variables	Value	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
Pollution and Sources							
Particulate Matter 2.5 ($\mu\text{g}/\text{m}^3$)	6.01	5.58	67	9.32	3	8.74	4
Ozone (ppb)	56.1	56.2	43	41.1	97	42.6	93
2017 Diesel Particulate Matter* ($\mu\text{g}/\text{m}^3$)	0.3	0.208	74	0.219	70-80th	0.295	60-70th
2017 Air Toxics Cancer Risk* (lifetime risk per million)	20	20	78	32	<50th	29	<50th
2017 Air Toxics Respiratory HI*	0.3	0.24	87	0.37	<50th	0.36	<50th
Traffic Proximity (daily traffic count/distance to road)	400	480	65	470	70	710	63
Lead Paint (% Pre-1960 Housing)	0.03	0.18	33	0.16	37	0.28	22
Superfund Proximity (site count/km distance)	0.3	0.13	90	0.08	96	0.13	91
RMP Facility Proximity (facility count/km distance)	0.12	0.25	50	0.83	17	0.75	20
Hazardous Waste Proximity (facility count/km distance)	2.3	0.82	86	0.8	90	2.2	73
Underground Storage Tanks (count/km ²)	0.46	2.5	46	2	35	3.9	35
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.11	4.6	80	0.5	92	12	85
Socioeconomic Indicators							
Demographic Index	38%	52%	28	44%	46	36%	61
People of Color	41%	63%	19	52%	41	40%	58
Low Income	35%	41%	41	36%	52	31%	61
Unemployment Rate	5%	7%	47	5%	56	5%	57
Linguistically Isolated	1%	5%	36	6%	42	5%	50
Less Than High School Education	5%	14%	22	15%	22	12%	28
Under Age 5	4%	6%	34	7%	24	6%	32
Over Age 64	28%	17%	88	13%	94	16%	91

*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>.

For additional information, see: 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.