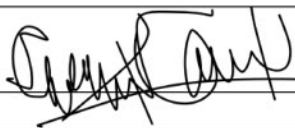


Region 6 Compliance Assurance and Enforcement Division

INSPECTION REPORT

Inspection Date(s):	06/08/2022		
Media:	Water		
Regulatory Program(s)	NPDES		
Company Name:	Southern New Mexico State Fair and Rodeo		
Facility Name:	Southern New Mexico State Fair and Rodeo		
Facility Physical Location:	12125 Robert Larson Blvd, Las Cruces, NM 88007 (32.260855, -106.974193)		
(city, state, zip code)	Las Cruces		
Mailing address:	12125 Robert Larson Blvd		
(city, state, zip code)	Las Cruces		
County/Parish:	Dona Ana County		
Facility Contact:	Mr. Ray Ramirez	Facility Manager	
	575-644-2838		
FRS Number:	N/A		
Identification/Permit Number:	NMU002089		
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  Digitally signed by ESTEBAN HERRERA Date: 2022.08.05 16:11:14 -05'00' {Esteban Herrera}		 Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

EPA Region 6 inspector, Jack Arias arrived at the Southern New Mexico State Fair and Rodeo at 9:00 AM on June 8, 2022, for an announced inspection. We met with the facility manager, Mr. Ray Ramirez at the opening conference. I presented my credentials to Mr. Ray Ramirez 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. Ray Ramirez 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. Ray Ramirez where we informed him of the results of the inspection and areas of concern.

FACILITY DESCRIPTION

Southern New Mexico State Fair and Rodeo is unpermitted facility. This facility confines approximately 150 horses, 200 goats, 100 pigs, 100 cows, and 40 dogs. The facility uses open and covered pens. Hay and other feed commodities are covered. Pens and corrals are covered and surrounded by a metal fence. The drainage system from pens and feed lanes discharge into ditches and controlled areas. Southern New Mexico State Fair and Rodeo consists of control areas, and ditches that formed part of the watershed retention control structures (See Photo Nos. 1 – 9 in Appendix 1). The calculated volume of runoff from a 25-yr/24-hr rain event is 2" for this area.

Section II - OBSERVATIONS

Manure Piles

We observe small buildup of manure solids outside pens. Areas of concern should be regraded and leveled to allow proper runoff and reduce risk of wastewater and chemicals intrusion into arroyos (See Photo Nos. 6 - 9 in Appendix 1).

Retention Control Structures (RCSs)

New Mexico State Fair and Rodeo consists of undefined runoff control ditch system that formed part of the RCS (See Photo Nos. 2 - 4 in Appendix 1).

Section III – AREAS OF CONCERN

The following Areas of Concern were discussed with Mr. Ray Ramirez 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 pens.
2. Undefined runoff control ditch system that formed part of the RCS.
3. Areas of concern should be regraded and leveled to allow proper runoff and reduce risk of wastewater intrusion into arroyos.

Section IV – FOLLOW UP

Jack Arias will provide a copy of the inspection report to the facility.

Section V – LIST OF APPENDICES

Appendix 1 – Photo Log – 9 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: 12125 Robert Larson Blvd, Las Cruces, NM 88007 (32.260855, -106.974193)		
City: Las Cruces	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0962.JPG
Date of Photograph: 06/08/2022
Latitude and Longitude: 32.264582, -106.977653
Orientation: N
Map Datum: WGS-84
Time of Photo: 13:01 PM
Photographer: Jack Arias
Description: This image shows the entrance of the facility.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 2

Location: 12125 Robert Larson Blvd, Las Cruces, NM 88007 (32.260855, -106.974193)		
City: Las Cruces	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0957.JPG
Date of Photograph: 06/08/2022
Latitude and Longitud: 32.26160464599611, -106.97527007478672
Orientation: S
Map Datum: WGS-84
Time of Photo: 12:54 PM
Photographer: Jack Arias
Description: This image shows confined/open/covered pens surrounded by a metal fence.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

Location: 12125 Robert Larson Blvd, Las Cruces, NM 88007 (32.260855, -106.974193)		
City: Las Cruces	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0952.JPG
Date of Photograph: 06/08/2022
Latitude and Longitude: 32.26011573924785, -106.97423854529792
Orientation: N
Map Datum: WGS-84
Time of Photo: 12:51 PM
Photographer: Jack Arias
Description: This image shows the north confined and covered pens.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 4

Location: 12125 Robert Larson Blvd, Las Cruces, NM 88007 (32.260855, -106.974193)		
City: Las Cruces	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0947.JPG
Date of Photograph: 06/08/2022
Latitude and Longitud: 32.25877720627409, -106.97607039939011
Orientation: S
Map Datum: WGS-84
Time of Photo: 12:47 AM
Photographer: Jack Arias
Description: This image shows the south confined and covered pens.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 5

Location: 12125 Robert Larson Blvd, Las Cruces, NM 88007 (32.260855, -106.974193)		
City: Las Cruces	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0949.JPG
Date of Photograph: 06/08/2022
Latitude and Longitud: 32.25877720627409, -106.97607039939011
Orientation: S
Map Datum: WGS-84
Time of Photo: 12:48 PM
Photographer: Jack Arias
Description: This image shows the inside of the south confined and covered pens.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 6

Location: 12125 Robert Larson Blvd, Las Cruces, NM 88007 (32.260855, -106.974193)		
City: Las Cruces	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0932.JPG
Date of Photograph: 06/08/2022
Latitude and Longitud: 32.2612437011483, -106.9740073404125
Orientation: S
Map Datum: WGS-84
Time of Photo: 11:48 AM
Photographer: Jack Arias
Description: This image shows a buildup of manure solids outside the south covered pens.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 7

Location: 12125 Robert Larson Blvd, Las Cruces, NM 88007 (32.260855, -106.974193)		
City: Las Cruces	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0935.JPG
Date of Photograph: 06/08/2022
Latitude and Longitud: 32.258717047025286, -106.97382949050062
Orientation: SE
Map Datum: WGS-84
Time of Photo: 11:58 AM
Photographer: Jack Arias
Description: This image shows a buildup of manure solids outside the south covered pens.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 8

Location: 12125 Robert Larson Blvd, Las Cruces, NM 88007 (32.260855, -106.974193)		
City: Las Cruces	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0944.JPG
Date of Photograph: 06/08/2022
Latitude and Longitud: 32.26192047156055, -106.97519893482198
Orientation: N
Map Datum: WGS-84
Time of Photo: 12:45 PM
Photographer: Jack Arias
Description: This image shows a buildup of manure solids outside of the north covered pens.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 9

Location: 12125 Robert Larson Blvd, Las Cruces, NM 88007 (32.260855, -106.974193)		
City: Las Cruces	County: Dona Ana County	State: New Mexico



Photograph File Name: DSCN0961.JPG
Date of Photograph: 06/08/2022
Latitude and Longitude: 32.260521807146745, -106.97498551492775
Orientation: NW
Map Datum: WGS-84
Time of Photo: 13:00 PM
Photographer: Jack Arias
Description: This image shows a buildup of manure solids outside of the north open 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

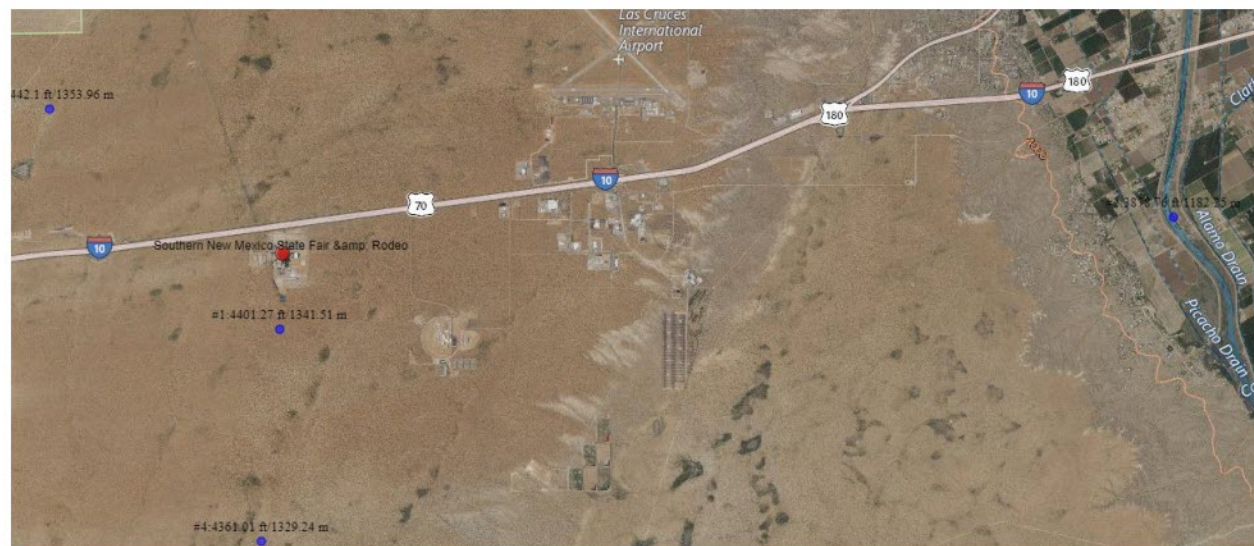
Photo No. 2

Location: 12125 Robert Larson Blvd, Las Cruces, NM 88007 (32.260855, -106.974193)

City: Las Cruces

County: Dona Ana

State: New Mexico



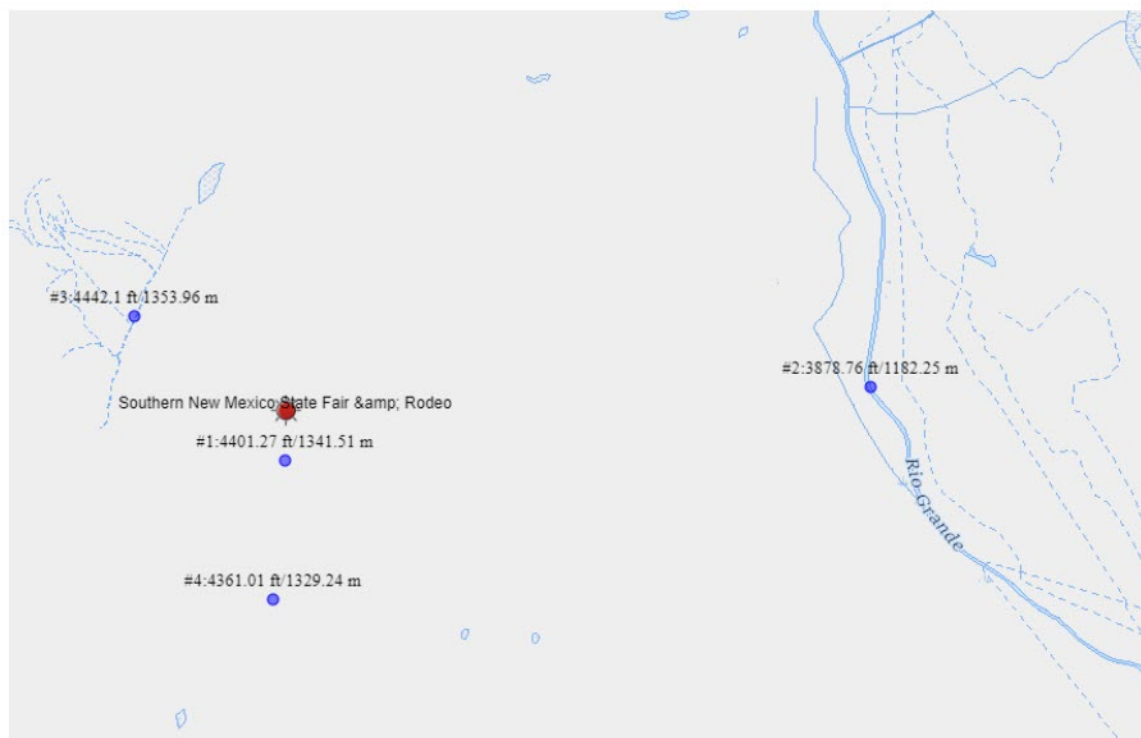


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Photograph Log

Photo No. 3

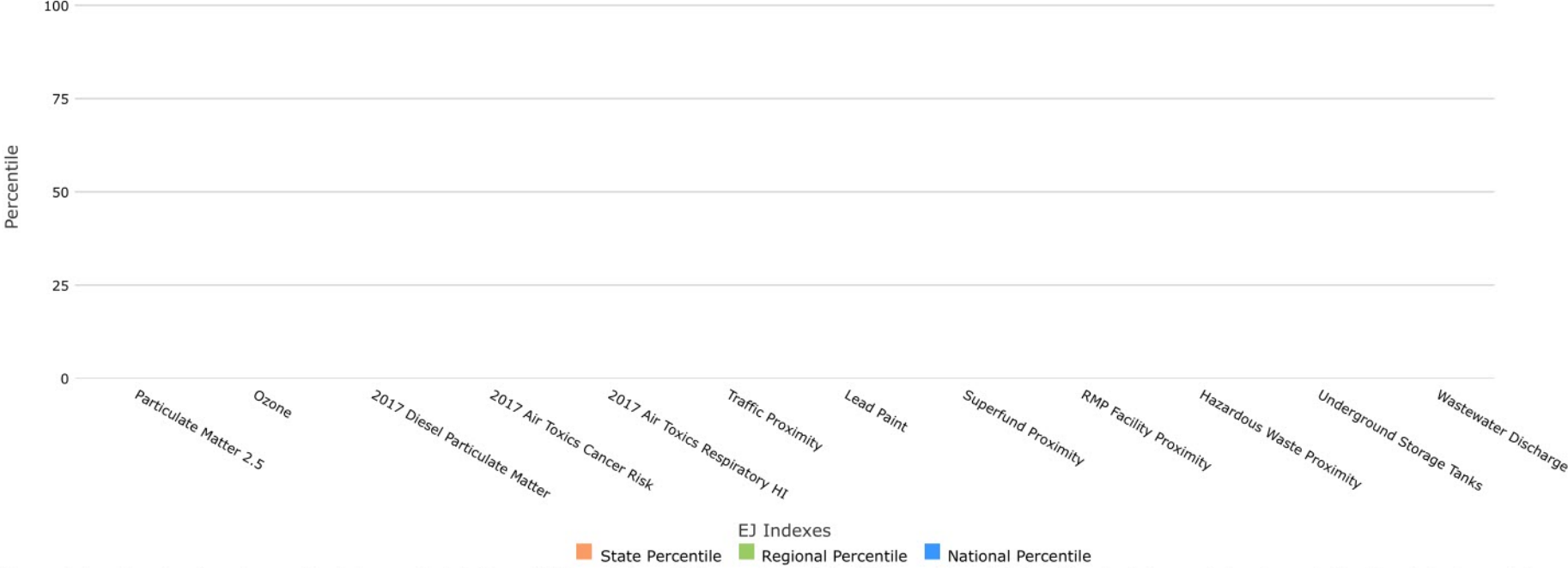
Location: 12125 Robert Larson Blvd, Las Cruces, NM 88007 (32.260855, -106.974193)		
City: Las Cruces	County: Dona Ana	State: New Mexico



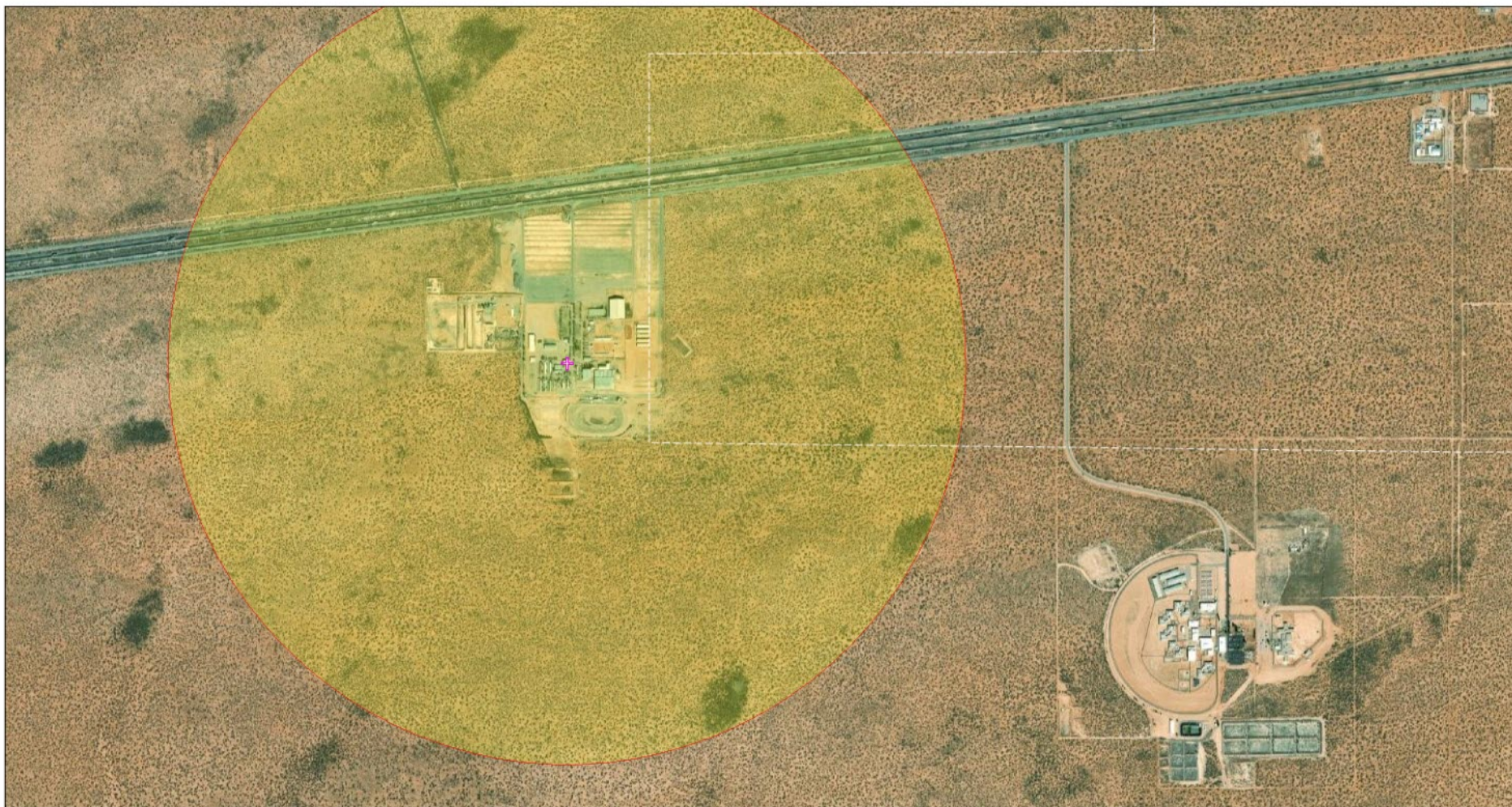
EJScreen Report (Version 2.0)
1 mile Ring Centered at 32.259447,-106.977460
NEW MEXICO, EPA Region 6
Approximate Population: 0
Input Area (sq. miles): 3.14
Southern New Mexico State Fair & Rodeo

Selected Variables	Percentile in State	Percentile in EPA Region	Percentile in USA
Environmental Justice Indexes			
EJ Index for Particulate Matter 2.5	N/A	N/A	N/A
EJ Index for Ozone	N/A	N/A	N/A
EJ Index for 2017 Diesel Particulate Matter*	N/A	N/A	N/A
EJ Index for 2017 Air Toxics Cancer Risk*	N/A	N/A	N/A
EJ Index for 2017 Air Toxics Respiratory HI*	N/A	N/A	N/A
EJ Index for Traffic Proximity	N/A	N/A	N/A
EJ Index for Lead Paint	N/A	N/A	N/A
EJ Index for Superfund Proximity	N/A	N/A	N/A
EJ Index for RMP Facility Proximity	N/A	N/A	N/A
EJ Index for Hazardous Waste Proximity	N/A	N/A	N/A
EJ Index for Underground Storage Tanks	N/A	N/A	N/A
EJ Index for Wastewater Discharge	N/A	N/A	N/A

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

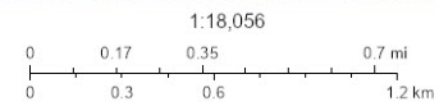


This report shows the values for environmental and demographic indicators and EJScreen indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective 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 3, 2022

- ✚ Southern New Mexico State Fair & Rodeo
- Urbanized Areas



Esri, HERE, Garmin, GeoTechnologies, Inc., 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)	N/A	5.58	N/A	9.32	N/A	8.74	N/A
Ozone (ppb)	N/A	56.2	N/A	41.1	N/A	42.6	N/A
2017 Diesel Particulate Matter* (µg/m³)	N/A	0.208	N/A	0.219	N/A	0.295	N/A
2017 Air Toxics Cancer Risk* (lifetime risk per million)	N/A	20	N/A	32	N/A	29	N/A
2017 Air Toxics Respiratory HI*	N/A	0.24	N/A	0.37	N/A	0.36	N/A
Traffic Proximity (daily traffic count/distance to road)	N/A	480	N/A	470	N/A	710	N/A
Lead Paint (% Pre-1960 Housing)	N/A	0.18	N/A	0.16	N/A	0.28	N/A
Superfund Proximity (site count/km distance)	N/A	0.13	N/A	0.08	N/A	0.13	N/A
RMP Facility Proximity (facility count/km distance)	N/A	0.25	N/A	0.83	N/A	0.75	N/A
Hazardous Waste Proximity (facility count/km distance)	N/A	0.82	N/A	0.8	N/A	2.2	N/A
Underground Storage Tanks (count/km²)	N/A	2.5	N/A	2	N/A	3.9	N/A
Wastewater Discharge (toxicity-weighted concentration/m distance)	N/A	4.6	N/A	0.5	N/A	12	N/A
Socioeconomic Indicators							
Demographic Index	N/A	52%	N/A	44%	N/A	36%	N/A
People of Color	N/A	63%	N/A	52%	N/A	40%	N/A
Low Income	N/A	41%	N/A	36%	N/A	31%	N/A
Unemployment Rate	N/A	7%	N/A	5%	N/A	5%	N/A
Linguistically Isolated	N/A	5%	N/A	6%	N/A	5%	N/A
Less Than High School Education	N/A	14%	N/A	15%	N/A	12%	N/A
Under Age 5	N/A	6%	N/A	7%	N/A	6%	N/A
Over Age 64	N/A	17%	N/A	13%	N/A	16%	N/A

*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.