



PUBLIC INVOLVEMENT PLAN (PIP)
Air Quality Bureau Air Permit Application

Version06.06.23

Date: July 27, 2023, received 8/22/2023

Applicant: DCP Operating Company, LP

Facility Name: Zia II Gas Plant

Air Quality Permit Application Number: P270-R1

Location: Approximately 15 miles southeast of Loco Hills, Eddy County, New Mexico

Latitude: 32.643020

Longitude: -103.808865

1. Overview of Air Quality Bureau's plan of action for addressing the community's needs and concerns for processing Air Quality Permit Applications:

The New Mexico Environment Department (Department), Air Quality Bureau (AQB) developed this Public Involvement Plan (PIP) for the processing of air quality permit applications in accordance with the requirements at 20.2.70 NMAC (as applicable) for this facility. This air quality regulation does require public participation outreach throughout different stages of the permitting process. The AQB will meet the public participation requirements by following this PIP, which includes all applicable policy, regulatory and statutory public participation requirements.

In developing this PIP, community participation needs for this permitting action were assessed to ensure appropriate promotion of public outreach by identifying whether there is a combination of environmental and demographic factors (i.e., low income community, minority community, limited English proficiency individuals, Linguistically Isolated Households, etc.) that may impact public participation. This assessment identifies community outreach needs and provides for public access opportunities above and beyond statutorily mandated requirements, and underscores the provision of adequate public access to information about this permit application.

As much as possible, public participation and informational activities related to this permit application will be held within the regulatory timelines outlined below.

- a. AQB regulations at 20.2.70 NMAC require that the application must be ruled complete or incomplete no more than 60 days after receipt. The AQB will publish a public notice for this application in a newspaper of general circulation in the area closest to the location of the facility, when the draft permit is issued for comment. See section 4.c below for more information.

The public notice contains a paragraph in Spanish directing Spanish speaking interested parties to call the AQB at (505) 629-3395 to speak to Spanish speaking staff for additional information regarding this permitting action.

- b. The AQB will provide a copy of the Completion Letter w/Legal Notice, and just [attachment B](#) of the completion letter template that has links for someone to view the application and PIP on our Bureau website PN page to the NMED field office:

Carlsbad

406 N. Guadalupe, Suite C
Carlsbad, NM 88220
Phone (575) 885-9023
Fax (575) 887-9283

- c. AQB regulations require that the public notice be sent to interested parties maintained on a mailing list. See Section 4.b below for more information.
- d. AQB regulations require that the public notice be sent to the “affected programs” as defined at 20.2.70 NMAC. See Section 4.e below for more information.
- e. In accordance with the evaluation of the site location and associated demographics, no additional means for disseminating information are planned at this time.
- f. Public notice shall be followed by a 30-day public comment period that starts on the day that the notice is published in the newspaper. See Section 4.g below for details.
- g. AQB regulations require that the permit must be issued, issued subject to conditions, or denied within eighteen (18) months after the department deems the application administratively complete.

2. Contact list of AQB staff with phone numbers and email addresses:

a. AQB contact for questions about this application or PIP (included in public notices and outreach materials):

Urshula Bajracharya
New Mexico Environment Department
Air Quality Bureau
525 Camino de los Marquez, Suite 1
Santa Fe, New Mexico, 87505
505-629-8883
Urshula.Bajracharya@env.nm.gov

Electronic copies will be available at the following link, which will be included in public notices and outreach materials as appropriate: <https://www.env.nm.gov/public-notices/>.

b. Non-English Language Speaker Assistance and Accommodations

The AQB may hold public meetings, open houses, stakeholder meetings, and/or a formal hearing depending on the interest in the application. Language assistance services may be arranged for translation of documents for meetings, for translators during meetings and for obtaining services for persons with disabilities. A phone-based interpretation service may be available for languages other than English.

3. Description of the community/stakeholder groups:

To provide for adequate public participation opportunities and meaningful involvement of persons regarding this permit application and to address potential or existing environmental justice areas, the affected communities must first be identified, informed about proposed environmental

actions affecting the community, and invited to share their comments and concerns. The EJSCREEN tool developed by the U.S. Environmental Protection Agency (EPA) helps identify communities that are low income and minority populations that may benefit from a variety of approaches for notification and outreach communication.

Using the 4-mile radius from the facility, the results of the EJScreen ACS Summary Report (attached) are listed in the table below. [<https://ejscreen.epa.gov/mapper/>]

Population and Income Data¹			
Total Population:	5	Per capita income of community (2016-2020):	\$ 29,773
People of Color Population, %:	65	US Per Capita Income*:	\$37,638
Total number of households:	1	Total Number (and Percent) of Linguistically Isolated Households:	0 (0%)

*US Per Capita Income 2017-2021; <https://www.census.gov/quickfacts/fact/table/US/INC910219>

- 1 The data is based on ACS report data for 2015-2019. EJ Screen could not generate a report because the area was sparsely populated.

Population by Race, %¹		Population by Ability to Speak English, %¹	
White	97	Speak Only English	46
Black	0	Non-English at Home	54
American Indian	0	Speak English "very well"	30
Asian	0	Speak English "well"	15
Pacific Islander	0	Speak English "not well"	9
Some Other Race	3	Speak English "not at all"	0
Two or More Races	0	Speak English "less than very well"	24

- 1 The data is based on ACS report data for 2015-2019. EJ Screen could not generate a report because the area was sparsely populated.

Linguistically Isolated Household Details, %		List other Languages (if applicable)
Speak Spanish	N/A	////////////////////////////////////
Speak Other Indo-European Languages		
Speak Asian Pacific Island Languages		
Speak Other Languages		

*N/A = Not Applicable because there are no linguistically isolated households

In addition, the following community or stakeholder groups have been identified: none.

History of public involvement in air permitting during the last 10 years: none.

It is important for the AQB to incorporate the linguistic and communication needs of this community when conducting public outreach and participation activities. To help accomplish this, the AQB will provide information in English, in public comment notices, public meeting notices (if applicable), and other announcements (radio broadcasts, brochures, signs, postcards, etc.) and strive to make public participation efforts as inclusive as possible within AQB budget and time limitations. The Carlsbad NMED field office will serve as access areas for the AQB to leave hard copies of important documents and information about how to comment on this permit application.

4. Detailed actions and outreach activities the AQB Permitting Section will take to reach the affected public:**a. Overview**

Based on the demographics report discussed in the PIP, the history of public involvement at the facility and the facility background, basic information about public involvement opportunities will be in English. This information will include how to request materials in Spanish or to speak with AQB staff through an interpreter. Further details about public participation for this activity are outlined below.

The AQB maintains Information regarding this air quality permit application at the following locations:

- i. **On the Air Quality Bureau website, see Section 2.a above.**
- ii. **At the District Office listed in Section 1.b above.**
- iii. **At the main office location:**
New Mexico Environment Department
Air Quality Bureau
525 Camino de los Marquez, Suite 1
Santa Fe, New Mexico, 87505

b. Postal Mailing or E-Mailing of Notices to Persons on the Facility-Specific Mailing List

AQB regulations require notification to persons who have expressed interest in applications. The AQB maintains a mailing list that includes individuals interested in permit applications from particular facilities or geographic areas. Notifications may be sent through physical mail and/or an email.

The list also includes addresses of states, local air pollution control programs, and Indian tribes and pueblos, that are within 50 miles of the source.

c. Notices in the State Newspaper and Local Newspapers

The public notice for this permit application will be published in English in the Legal Section of the Carlsbad Current Argus newspaper.

Website for this publication is: Carlsbad Current Argus: English: <http://www.currentargus.com/>

d. Mailing to the Governor or President of Indian Tribes, Pueblos or Nations

AQB regulations and the evaluation of the facility location and associated demographics, require notification to Tribes, Pueblos or Nations about this permit application for facilities located within a specified distance.

There are no Tribes, Pueblos, or Nations within 50 miles of this facility.

e. Affected Local, State, or Federal Government Agencies, and Active Land Grants

AQB regulations require identifying and notifying local, state or federal government agencies about this permit application.

The following affected Local, State, or Federal Government Agencies will be notified by email:

US EPA Region VI
State of Texas

There are no Tribal Lands, Colonias, or Land Grants within 4 miles of the facility.

f. Public Meeting Notices, Public Comment Notices, and Other Notices

AQB may hold public meetings, open houses, stakeholder meetings, and/or a formal hearing depending on the interest in the application. Based on historical information and the results of the initial screening, there is no public meeting planned at this time for this permit application. If it is determined that a public meeting will be required, notice will be provided to the community as follows:

- 1) Via a newspaper of general circulation in the area closest to the location of the facility.
- 2) Locations commonly frequented by the general public, such as a nearby post office, public library, or city hall.
- 3) All persons and organizations that have expressed interest and are on a list maintained by AQB.
- 4) Via a public service announcement to at least one radio or television station which serves the municipality or county in which the source is or is proposed to be located.
- 5) The notices will be translated for non-English speaking participants, if required.
- 6) The notices will include information for requesting accommodations for those with disabilities as listed in item 2b above.

AQB will locate an appropriate venue based on the availability to the community to access the meeting, and the specific needs of the affected community (e.g. size of community, community locations, impacts, etc.).

AQB may reschedule the meeting due to inclement weather. If rescheduled, AQB will provide as much advance notice as possible and reschedule for an appropriate time and date.

Meetings will be scheduled to make them as accessible and user-friendly as practical, considering work schedules, dinner hours and other community commitments. To the extent possible, the meeting will be held at a location that is local and convenient, and meet American with Disabilities Act (ADA) standards. In addition, whenever practical and appropriate, translators for limited-English speaking communities, or assistance for hearing-impaired individuals may be available. Information in public notices for a public meeting will adhere to AQB regulations, statutes and policies.

g. Public Comment Periods

AQB regulations require that thirty (30) days shall be provided for public and affected program comment on the draft permit.

The PIP has been reviewed and approved by the AQB Bureau Chief.

For Liz Bisbey-Kuehn
Bureau Chief
Air Quality Bureau

Date approved

Attachments: EJSCREEN Printout

Location: User-specified point center at 32.643020, -103.808865

Ring (buffer): 4-miles radius

Description: Zia II GP

Summary of ACS Estimates		2015 - 2019		
Population		5		
Population Density (per sq. mile)		0		
People of Color Population		3		
% People of Color Population		65%		
Households		1		
Housing Units		1		
Housing Units Built Before 1950		0		
Per Capita Income		29,773		
Land Area (sq. miles) (Source: SF1)		48.21		
% Land Area		100%		
Water Area (sq. miles) (Source: SF1)		0.08		
% Water Area		0%		
		2015 - 2019 ACS Estimates	Percent	MOE (±)
Population by Race				
Total		5	100%	463
Population Reporting One Race		5	100%	630
White		5	97%	459
Black		0	0%	12
American Indian		0	0%	72
Asian		0	0%	12
Pacific Islander		0	0%	12
Some Other Race		0	3%	63
Population Reporting Two or More Races		0	0%	23
Total Hispanic Population		3	65%	409
Total Non-Hispanic Population		2		
White Alone		2	35%	231
Black Alone		0	0%	12
American Indian Alone		0	0%	72
Non-Hispanic Asian Alone		0	0%	12
Pacific Islander Alone		0	0%	12
Other Race Alone		0	0%	12
Two or More Races Alone		0	0%	23
Population by Sex				
Male		2	47%	222
Female		2	53%	308
Population by Age				
Age 0-4		1	13%	100
Age 0-17		2	38%	201
Age 18+		3	62%	192
Age 65+		0	3%	77

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS) 2015 - 2019

Location: User-specified point center at 32.643020, -103.808865

Ring (buffer): 4-miles radius

Description: Zia II GP

	2015 - 2019 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	3	100%	268
Less than 9th Grade	0	14%	86
9th - 12th Grade, No Diploma	0	8%	58
High School Graduate	1	47%	154
Some College, No Degree	1	23%	101
Associate Degree	0	3%	58
Bachelor's Degree or more	0	6%	65
Population Age 5+ Years by Ability to Speak English			
Total	4	100%	396
Speak only English	2	46%	208
Non-English at Home ¹⁺²⁺³⁺⁴	2	54%	295
¹ Speak English "very well"	1	30%	213
² Speak English "well"	1	15%	138
³ Speak English "not well"	0	9%	100
⁴ Speak English "not at all"	0	0%	27
³⁺⁴ Speak English "less than well"	0	9%	103
²⁺³⁺⁴ Speak English "less than very well"	1	24%	163
Linguistically Isolated Households*			
Total	0	100%	68
Speak Spanish	0	100%	67
Speak Other Indo-European Languages	0	0%	12
Speak Asian-Pacific Island Languages	0	0%	12
Speak Other Languages	0	0%	12
Households by Household Income			
Household Income Base	1	100%	112
< \$15,000	0	0%	33
\$15,000 - \$25,000	0	16%	42
\$25,000 - \$50,000	0	6%	39
\$50,000 - \$75,000	0	46%	96
\$75,000 +	0	32%	116
Occupied Housing Units by Tenure			
Total	1	100%	112
Owner Occupied	1	76%	105
Renter Occupied	0	24%	58
Employed Population Age 16+ Years			
Total	3	100%	278
In Labor Force	2	51%	209
Civilian Unemployed in Labor Force	0	0%	18
Not In Labor Force	2	49%	183

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of anyrace.

N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS)

*Households in which no one 14 and over speaks English "very well" or speaks English only.

Location: User-specified point center at 32.643020, -103.808865

Ring (buffer): 4-miles radius

Description: Zia II GP

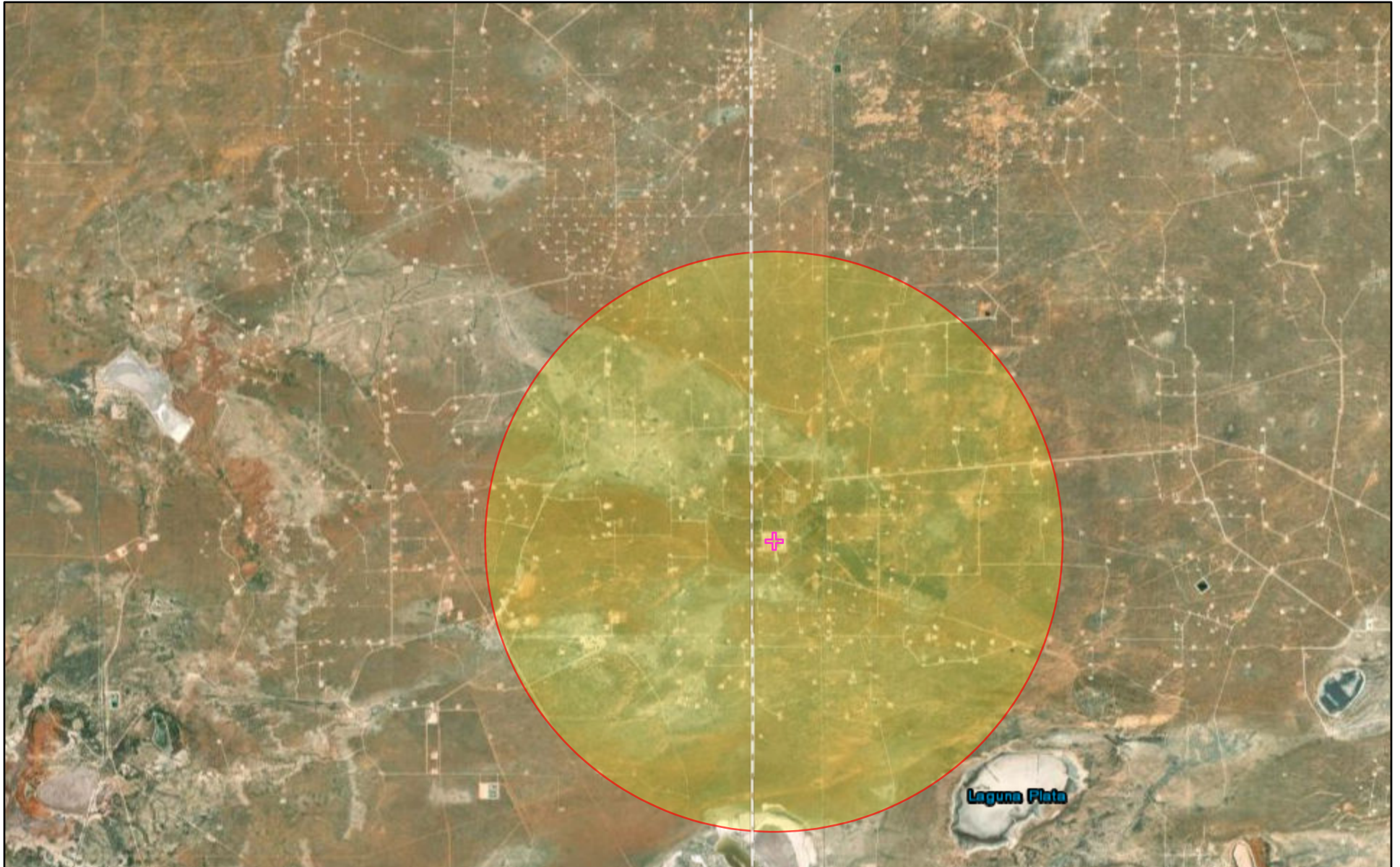
	2015 - 2019 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	N/A	N/A	N/A
English	N/A	N/A	N/A
Spanish	N/A	N/A	N/A
French	N/A	N/A	N/A
French Creole	N/A	N/A	N/A
Italian	N/A	N/A	N/A
Portuguese	N/A	N/A	N/A
German	N/A	N/A	N/A
Yiddish	N/A	N/A	N/A
Other West Germanic	N/A	N/A	N/A
Scandinavian	N/A	N/A	N/A
Greek	N/A	N/A	N/A
Russian	N/A	N/A	N/A
Polish	N/A	N/A	N/A
Serbo-Croatian	N/A	N/A	N/A
Other Slavic	N/A	N/A	N/A
Armenian	N/A	N/A	N/A
Persian	N/A	N/A	N/A
Gujarathi	N/A	N/A	N/A
Hindi	N/A	N/A	N/A
Urdu	N/A	N/A	N/A
Other Indic	N/A	N/A	N/A
Other Indo-European	N/A	N/A	N/A
Chinese	N/A	N/A	N/A
Japanese	N/A	N/A	N/A
Korean	N/A	N/A	N/A
Mon-Khmer, Cambodian	N/A	N/A	N/A
Hmong	N/A	N/A	N/A
Thai	N/A	N/A	N/A
Laotian	N/A	N/A	N/A
Vietnamese	N/A	N/A	N/A
Other Asian	N/A	N/A	N/A
Tagalog	N/A	N/A	N/A
Other Pacific Island	N/A	N/A	N/A
Navajo	N/A	N/A	N/A
Other Native American	N/A	N/A	N/A
Hungarian	N/A	N/A	N/A
Arabic	N/A	N/A	N/A
Hebrew	N/A	N/A	N/A
African	N/A	N/A	N/A
Other and non-specified	N/A	N/A	N/A
Total Non-English	N/A	N/A	N/A

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS) 2015 - 2019.

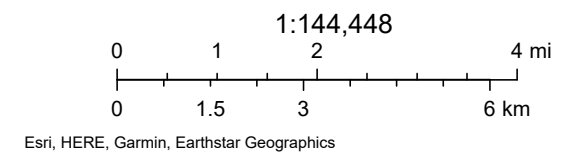
*Population by Language Spoken at Home is available at the census tract summary level and up.

Zia II



4/29/2022

✚ Zia II GP



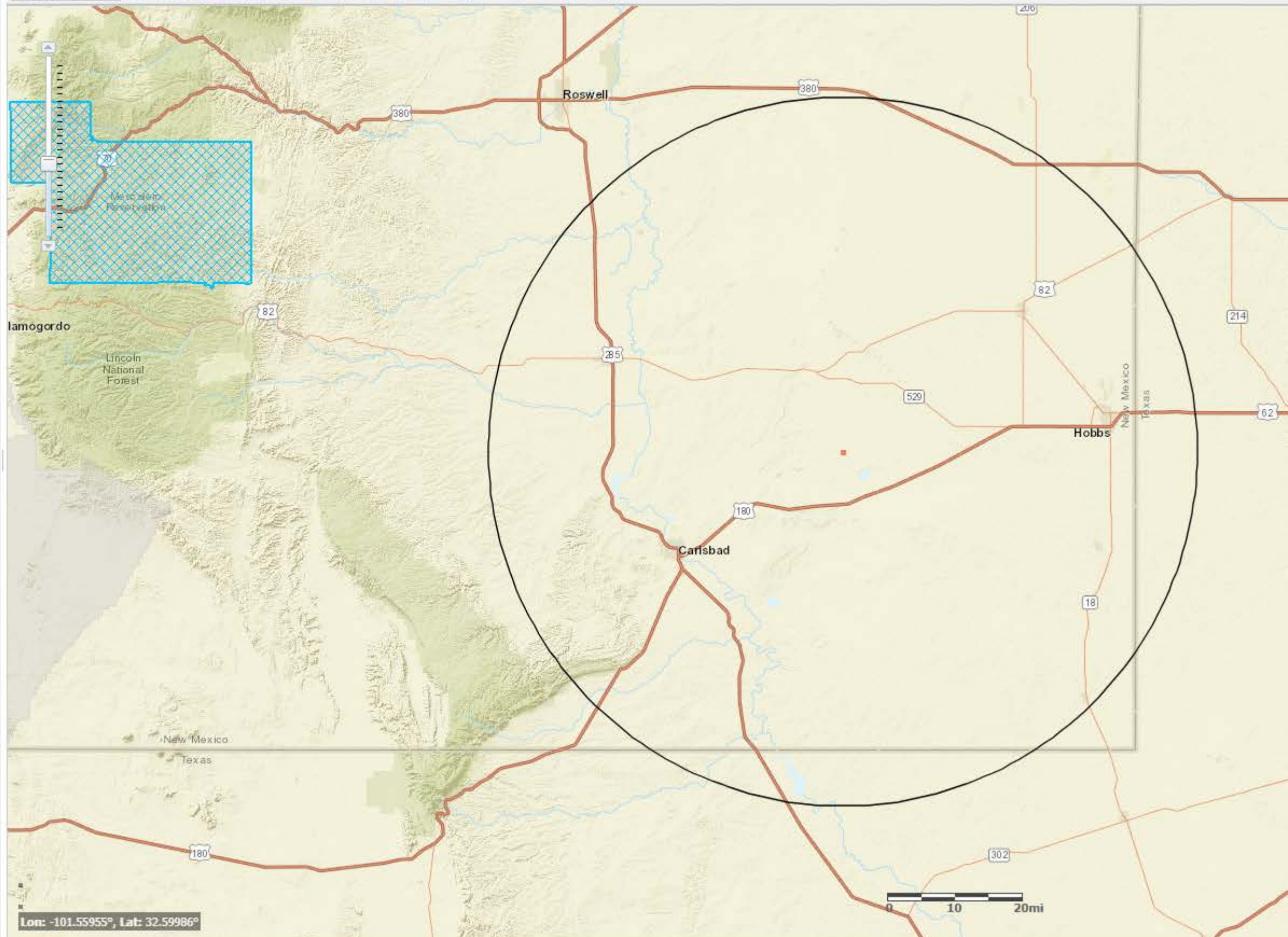


Legend

Basemap

Query

1:1,155,581



Tribal Lands

Tribal Lands



Tribal Lands

☒ Reservation

☒ Trust

Mount Taylor

Land Grants

New Mexico Environment Department

Demographics



Legend

Basemap

Query

1:288,895



Petroleum Storage Tanks

Leaking Tank Sites

NPDES Permits

Water Quality Stations

Nonpoint Source Program

Impaired Waters

Assessed Waters

National Hydrography Dataset

COVID Wastewater

COVID-19 OSHA Data

Watershed Boundary Dataset

Aquifer Sensitivity

National Land Cover Database

USGS Stream Gages

Legislative Boundaries

Places

Colonias

Colonias

☒ ☐ ☐

Colonias



Tribal Lands

Tribal Lands

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Tribal Lands

☒ Reservation

☒ Trust

Mount Taylor

Land Grants

Land Grants

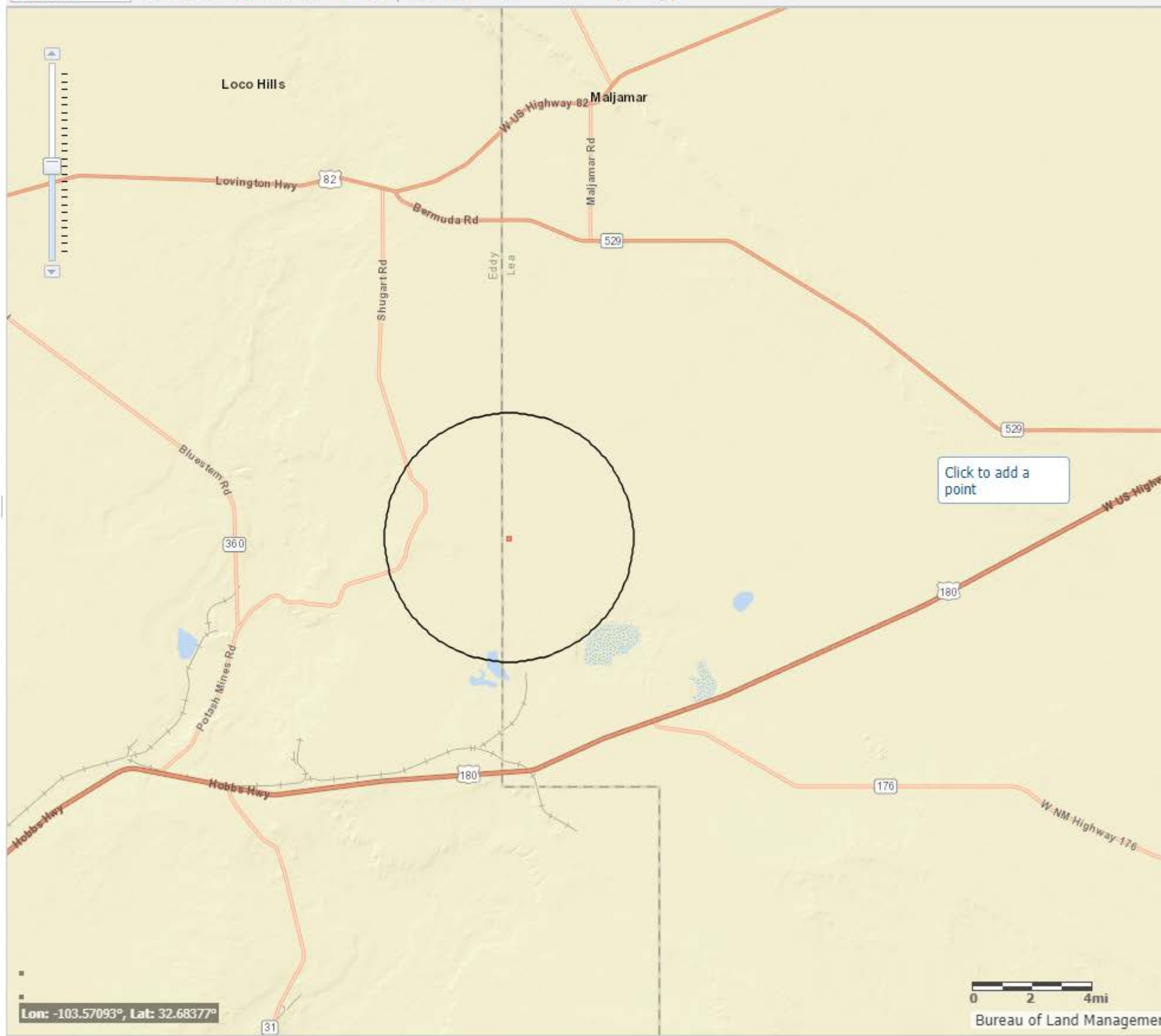
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Land Grants



New Mexico Environment Department

Demographics



Click to add a point

0 2 4mi

Bureau of Land Management



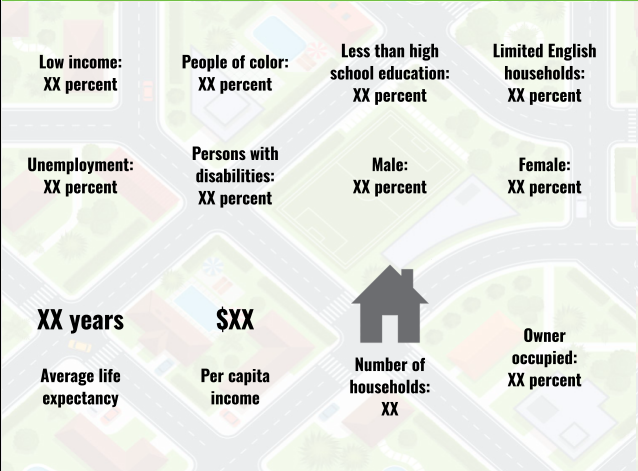
EJScreen Community Report

This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

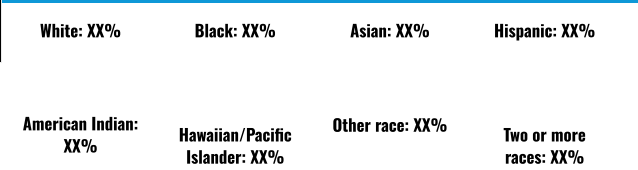
area is too small or sparsely populated, or these data are not available in the national dataset. Cannot generate an EJScreen chart or report.

Area reserved for map

COMMUNITY INFORMATION



BREAKDOWN BY RACE



LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
English	XX%
Spanish	XX%
French, Haitian, or Cajun	XX%
German or other West Germanic	XX%
Russian, Polish, or Other Slavic	XX%
Other Indo-European	XX%
Korean	XX%
Chinese (including Mandarin, Cantonese)	XX%
Vietnamese	XX%
Tagalog (including Filipino)	XX%
Other Asian and Pacific Island	XX%
Arabic	XX%
Other and Unspecified	XX%
Total Non-English	XX%

BREAKDOWN BY AGE



LIMITED ENGLISH SPEAKING BREAKDOWN



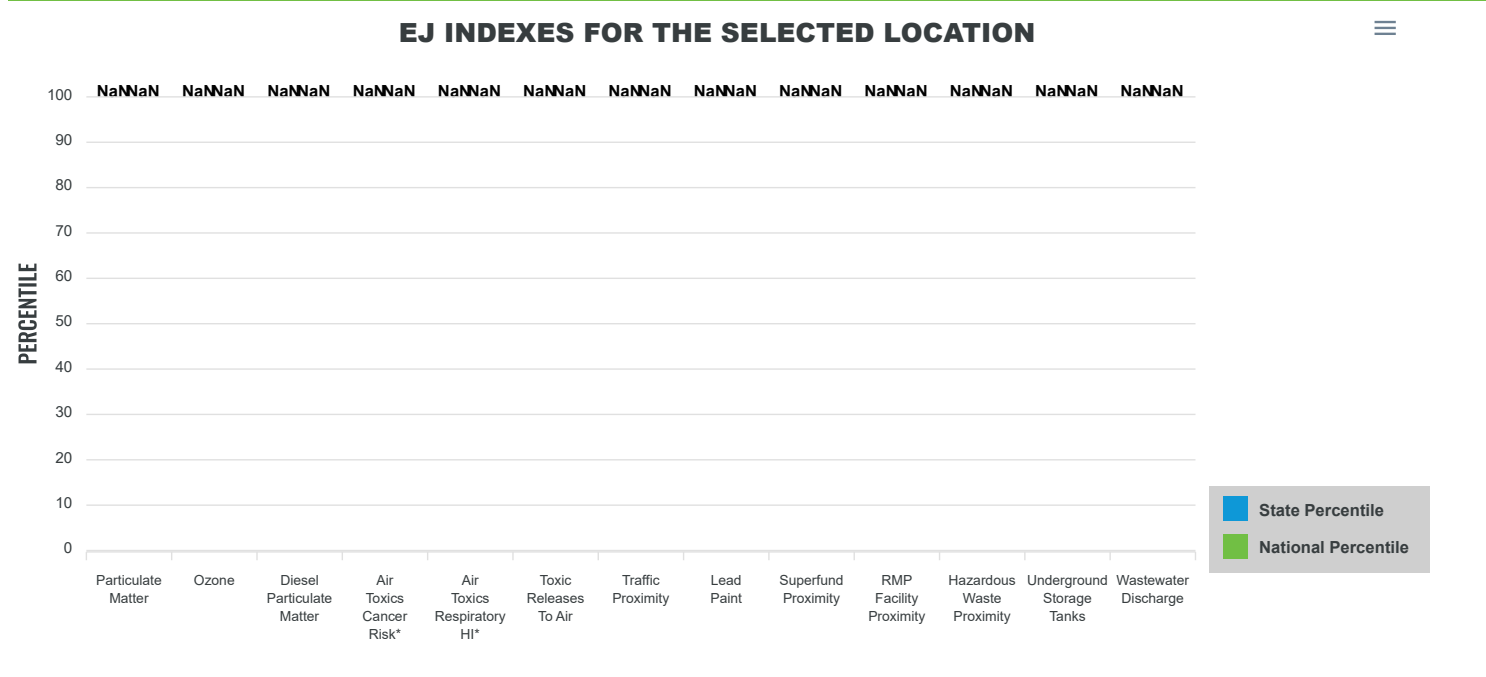
Notes: Numbers may not sum to totals due to rounding. Hispanic population can be of any race. Source: U.S. Census Bureau, American Community Survey (ACS) 2017-2021. Life expectancy data comes from the Centers for Disease Control.

Environmental Justice & Supplemental Indexes

The environmental justice and supplemental indexes are a combination of environmental and socioeconomic information. There are thirteen EJ indexes and supplemental indexes in EJScreen reflecting the 13 environmental indicators. The indexes for a selected area are compared to those for all other locations in the state or nation. For more information and calculation details on the EJ and supplemental indexes, please visit the [EJScreen website](#).

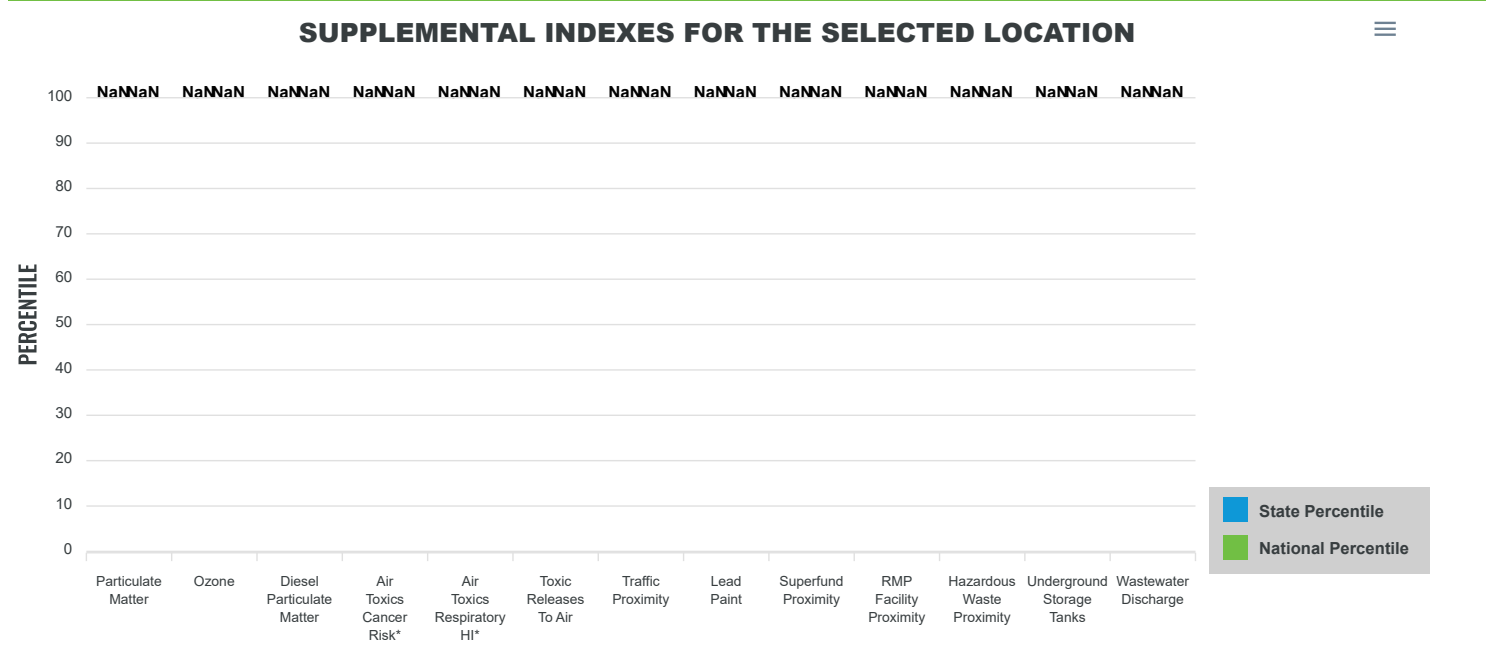
EJ INDEXES

The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.



SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low-income, percent linguistically isolated, percent less than high school education, percent unemployed, and low life expectancy with a single environmental indicator.



These percentiles provide perspective on how the selected block group or buffer area compares to the entire state or nation.

Report for XX

EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
POLLUTION AND SOURCES					
Particulate Matter ($\mu\text{g}/\text{m}^3$)	N/A	5.16	N/A	8.08	N/A
Ozone (ppb)	N/A	64.7	N/A	61.6	N/A
Diesel Particulate Matter ($\mu\text{g}/\text{m}^3$)	N/A	0.194	N/A	0.261	N/A
Air Toxics Cancer Risk* (lifetime risk per million)	N/A	18	N/A	25	N/A
Air Toxics Respiratory HI*	N/A	0.21	N/A	0.31	N/A
Toxic Releases to Air	NaN	29	NaN	4,600	NaN
Traffic Proximity (daily traffic count/distance to road)	NaN	84	NaN	210	NaN
Lead Paint (% Pre-1960 Housing)	N/A	0.19	N/A	0.3	N/A
Superfund Proximity (site count/km distance)	N/A	0.14	N/A	0.13	N/A
RMP Facility Proximity (facility count/km distance)	N/A	0.15	N/A	0.43	N/A
Hazardous Waste Proximity (facility count/km distance)	N/A	0.73	N/A	1.9	N/A
Underground Storage Tanks (count/km ²)	N/A	3.3	N/A	3.9	N/A
Wastewater Discharge (toxicity-weighted concentration/m distance)	N/A	0.47	N/A	22	N/A
SOCIOECONOMIC INDICATORS					
Demographic Index	N/A	51%	N/A	35%	N/A
Supplemental Demographic Index	N/A	17%	N/A	14%	N/A
People of Color	N/A	62%	N/A	39%	N/A
Low Income	N/A	40%	N/A	31%	N/A
Unemployment Rate	N/A	7%	N/A	6%	N/A
Limited English Speaking Households	N/A	6%	N/A	5%	N/A
Less Than High School Education	N/A	14%	N/A	12%	N/A
Under Age 5	N/A	5%	N/A	6%	N/A
Over Age 64	N/A	19%	N/A	17%	N/A
Low Life Expectancy	N/A	19%	N/A	20%	N/A

*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's 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>.

Sites reporting to EPA within defined area:

Superfund	0
Hazardous Waste, Treatment, Storage, and Disposal Facilities	0
Water Dischargers	0
Air Pollution	9
Brownfields	0
Toxic Release Inventory	0

Other community features within defined area:

Schools	0
Hospitals	0
Places of Worship	0

Other environmental data:

Air Non-attainment	No
Impaired Waters	No

Selected location contains American Indian Reservation Lands*	No
Selected location contains a "Justice40 (CEJST)" disadvantaged community	Yes
Selected location contains an EPA IRA disadvantaged community	Yes

Report for XX

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS

INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	N/A	19%	N/A	20%	N/A
Heart Disease	N/A	6.2	N/A	6.1	N/A
Asthma	N/A	10.3	N/A	10	N/A
Cancer	N/A	5.7	N/A	6.1	N/A
Persons with Disabilities	N/A	16.6%	N/A	13.4%	N/A

CLIMATE INDICATORS

INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	N/A	9%	N/A	12%	N/A
Wildfire Risk	N/A	58%	N/A	14%	N/A

CRITICAL SERVICE GAPS

INDICATOR	HEALTH VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	N/A	22%	N/A	14%	N/A
Lack of Health Insurance	N/A	9%	N/A	9%	N/A
Housing Burden	No	N/A	N/A	N/A	N/A
Transportation Access	Yes	N/A	N/A	N/A	N/A
Food Desert	No	N/A	N/A	N/A	N/A

Footnotes

Report for XX