



## **PUBLIC INVOLVEMENT PLAN (PIP)**

### **Air Quality Bureau Air Permit Application**

Version 07.01.22

Date: July 15, 2022, revised 7/23/2022

Applicant: Freeport-McMoRan Chino Mines Company

Facility Name: Chine Mine

Air Quality Permit Application Number: NSR0298M11

Location: 99 Santa Rita Mine Road, Vanadium, NM 88023; The facility is 3.89 miles northeast of Bayard, Grant County, New Mexico

Latitude: 32.783594 (EJScreen decimal value)

Longitude: -108.069194 (EJScreen decimal value)

#### **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 20.2.72 NMAC 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 20.2.72 NMAC require that the application must be ruled complete or incomplete no more than 30 days after receipt, and that a public notice for this application must be published in a newspaper of general circulation where the facility is located. 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) 476-5557 to speak to Spanish speaking staff for additional information regarding this permitting action.

- b. Normally the AQB would provide a copy of the public notice, the air quality permit application, and this PIP to the Silver City NMED field office, but due to current Covid-19 access restrictions for protection of both public employees and the protection of the general public these materials are instead available on the NMED website (see section 2.a).

- 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 “appropriate agency” as defined at 20.2.72 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 ninety (90) days 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):**

Joseph Kimbrell  
New Mexico Environment Department  
Air Quality Bureau  
525 Camino de los Marquez, Suite 1  
Santa Fe, New Mexico, 87505  
505-476-4347  
[Joseph.Kimbrell@state.nm.us](mailto:Joseph.Kimbrell@state.nm.us)

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.

The demographics below are based on a 12-mile radius around the facility (circle on map) as well as a lower area of tailing ponds connected with the facility. The results of the EJScreen ACS Summary Report (attached) are listed in the table below. [<https://ejscreen.epa.gov/mapper/>]

<b>Population and Income Data</b>			
Total Population:	16,123	Per capita income of community (2015-2019):	\$23,207
People of Color Population, %:	60	US Per Capita Income*:	\$34,103
Total number of households:	6,634	Total Number (and Percent) of Linguistically Isolated Households:	74 (1.1%)

\*US Per Capita Income 2015-2019; <https://www.census.gov/quickfacts/fact/table/US/INC910219>

<b>Population by Race, %</b>		<b>Population by Ability to Speak English, %</b>	
White	92	Speak Only English	68
Black	1	Non-English at Home	32
American Indian	3	Speak English "very well"	29
Asian	0	Speak English "well"	1
Pacific Islander	0	Speak English "not well"	1
Some Other Race	2	Speak English "not at all"	1
Two or More Races	1	Speak English "less than very well"	3

<b>Linguistically Isolated Household Details, %</b>		<b>List other Languages (if applicable)</b>
Speak Spanish	100	////////////////////
Speak Other Indo-European Languages		
Speak Asian Pacific Island Languages		
Speak Other Languages		

In addition, the following community or stakeholder groups have been identified:

Allyson Siwik, Executive Director  
Gila Resources Information Project  
305A N. Cooper St. Silver City, NM 88061

History of public involvement in air permitting during the last 10 years: for this NSR Permit 0298M11 comments were received from the concerned citizen shown below.

Twana Sparks, MD  
P.O. Box 26  
Hanover, NM 88041  
[sanchol954@gmail.com](mailto:sanchol954@gmail.com)

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. Under normal circumstances the Silver City NMED Field Office would serve as an access area for the AQB to leave hard copies of important documents and information about how to comment on this permit application, but due to Covid-19 restrictions to protect both the general public and public employees, materials will not be available in hard copy, but can be found on the AQB webpage (see Section 2.a above).

#### 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. [Due to Covid-19 restrictions materials will not be available at ii and iii below but will be available on the website]:**
- 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 within fifty kilometers of the boundary of other states, Bernalillo County, or a Class I area.

**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 Silver City Daily Press newspaper.

Website for this publication is: Silver City Daily Press: English: <http://www.scdailypress.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, Elizabeth (Mary) Layton at [r6airpermits@epa.gov](mailto:r6airpermits@epa.gov) & [layton.mary@epa.gov](mailto:layton.mary@epa.gov)

Forestry Service, USDA Anita Rose - <[anita.rose@usda.gov](mailto:anita.rose@usda.gov)>, Class I Gila Wilderness Area

Colonias: Hanover; Santa Rita; Bayard; Turnerville; and Vanadium located within a 4-mile radius of the facility. The following organization that represents these colonias will be sent a copy of the public notice;

District 5: Southwest NM Council of Governments (Catron, Hidalgo, Luna, Grant Counties) 1203 North Hudson St., 2nd Floor | PO Box 2157 | Silver City, NM, 88062 P(575) 388-1509 | F(575) 388-1500  
[www.SWNMCOG.org](http://www.SWNMCOG.org)

**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 all interested persons have thirty (30) days from the date the public notice is published to express an interest in writing in the permit application. If AQB receives written public comment before the end of the thirty (30) day public comment period, the analysis of the application will be made available for review for thirty (30) days on the Air Quality Bureau Website and at the NMED District office (address listed in Section 1.b above).

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

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For Liz Bisbey-Kuehn  
Bureau Chief  
Air Quality Bureau

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Date approved

Attachments: EJSCREEN Printout

Location: User-specified point center at 32.783594, -108.069195

Ring (buffer): 12-miles radius

Description: Chino Mine, 32.783594,-108.069194

Summary of ACS Estimates		2015 - 2019	
Population		16,123	
Population Density (per sq. mile)		34	
People of Color Population		9,734	
% People of Color Population		60%	
Households		6,634	
Housing Units		8,257	
Housing Units Built Before 1950		1,346	
Per Capita Income		23,207	
Land Area (sq. miles) (Source: SF1)		474.77	
% Land Area		100%	
Water Area (sq. miles) (Source: SF1)		0.77	
% Water Area		0%	
		2015 - 2019 ACS Estimates	Percent MOE (±)
<b>Population by Race</b>			
Total		16,123	100% 609
Population Reporting One Race		15,904	99% 1,483
White		14,859	92% 645
Black		225	1% 128
American Indian		404	3% 259
Asian		73	0% 133
Pacific Islander		2	0% 17
Some Other Race		340	2% 301
Population Reporting Two or More Races		220	1% 138
Total Hispanic Population		9,050	56% 605
Total Non-Hispanic Population		7,074	
White Alone		6,389	40% 457
Black Alone		204	1% 128
American Indian Alone		355	2% 244
Non-Hispanic Asian Alone		66	0% 133
Pacific Islander Alone		2	0% 17
Other Race Alone		10	0% 23
Two or More Races Alone		48	0% 94
<b>Population by Sex</b>			
Male		7,953	49% 447
Female		8,170	51% 366
<b>Population by Age</b>			
Age 0-4		912	6% 192
Age 0-17		3,465	21% 347
Age 18+		12,658	79% 591
Age 65+		4,097	25% 302

**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 32.783594, -108.069195

Ring (buffer): 12-miles radius

Description: Chino Mine, 32.783594,-108.069194

	2015 - 2019 ACS Estimates	Percent	MOE (±)
<b>Population 25+ by Educational Attainment</b>			
Total	11,329	100%	420
Less than 9th Grade	677	6%	174
9th - 12th Grade, No Diploma	959	8%	173
High School Graduate	2,984	26%	257
Some College, No Degree	2,801	25%	328
Associate Degree	835	7%	140
Bachelor's Degree or more	3,075	27%	341
<b>Population Age 5+ Years by Ability to Speak English</b>			
Total	15,211	100%	587
Speak only English	10,340	68%	536
Non-English at Home <sup>1+2+3+4</sup>	4,871	32%	468
<sup>1</sup> Speak English "very well"	4,455	29%	473
<sup>2</sup> Speak English "well"	219	1%	97
<sup>3</sup> Speak English "not well"	112	1%	51
<sup>4</sup> Speak English "not at all"	85	1%	76
<sup>3+4</sup> Speak English "less than well"	197	1%	87
<sup>2+3+4</sup> Speak English "less than very well"	416	3%	130
<b>Linguistically Isolated Households*</b>			
Total	74	100%	41
Speak Spanish	74	100%	39
Speak Other Indo-European Languages	0	0%	17
Speak Asian-Pacific Island Languages	0	0%	17
Speak Other Languages	0	0%	17
<b>Households by Household Income</b>			
Household Income Base	6,634	100%	271
< \$15,000	1,199	18%	206
\$15,000 - \$25,000	1,058	16%	181
\$25,000 - \$50,000	1,863	28%	225
\$50,000 - \$75,000	975	15%	151
\$75,000 +	1,538	23%	239
<b>Occupied Housing Units by Tenure</b>			
Total	6,634	100%	271
Owner Occupied	4,518	68%	257
Renter Occupied	2,115	32%	272
<b>Employed Population Age 16+ Years</b>			
Total	13,028	100%	491
In Labor Force	6,396	49%	450
Civilian Unemployed in Labor Force	489	4%	175
Not In Labor Force	6,632	51%	389

**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.

# EJSCREEN ACS Summary Report



Location: User-specified point center at 32.783594, -108.069195

Ring (buffer): 12-miles radius

Description: Chino Mine, 32.783594,-108.069194

	2015 - 2019 ACS Estimates	Percent	MOE (±)
<b>Population by Language Spoken at Home*</b>			
Total (persons age 5 and above)	15,211	100%	587
English	10,340	68%	533
Spanish	4,594	30%	485
French	16	0%	77
French Creole	N/A	N/A	N/A
Italian	N/A	N/A	N/A
Portuguese	N/A	N/A	N/A
German	25	0%	25
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	33	0%	77
Chinese	3	0%	17
Japanese	N/A	N/A	N/A
Korean	0	0%	17
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	0	0%	17
Other Asian	12	0%	35
Tagalog	17	0%	50
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	0	0%	17
Hebrew	N/A	N/A	N/A
African	N/A	N/A	N/A
Other and non-specified	172	1%	150
Total Non-English	4,871	32%	793

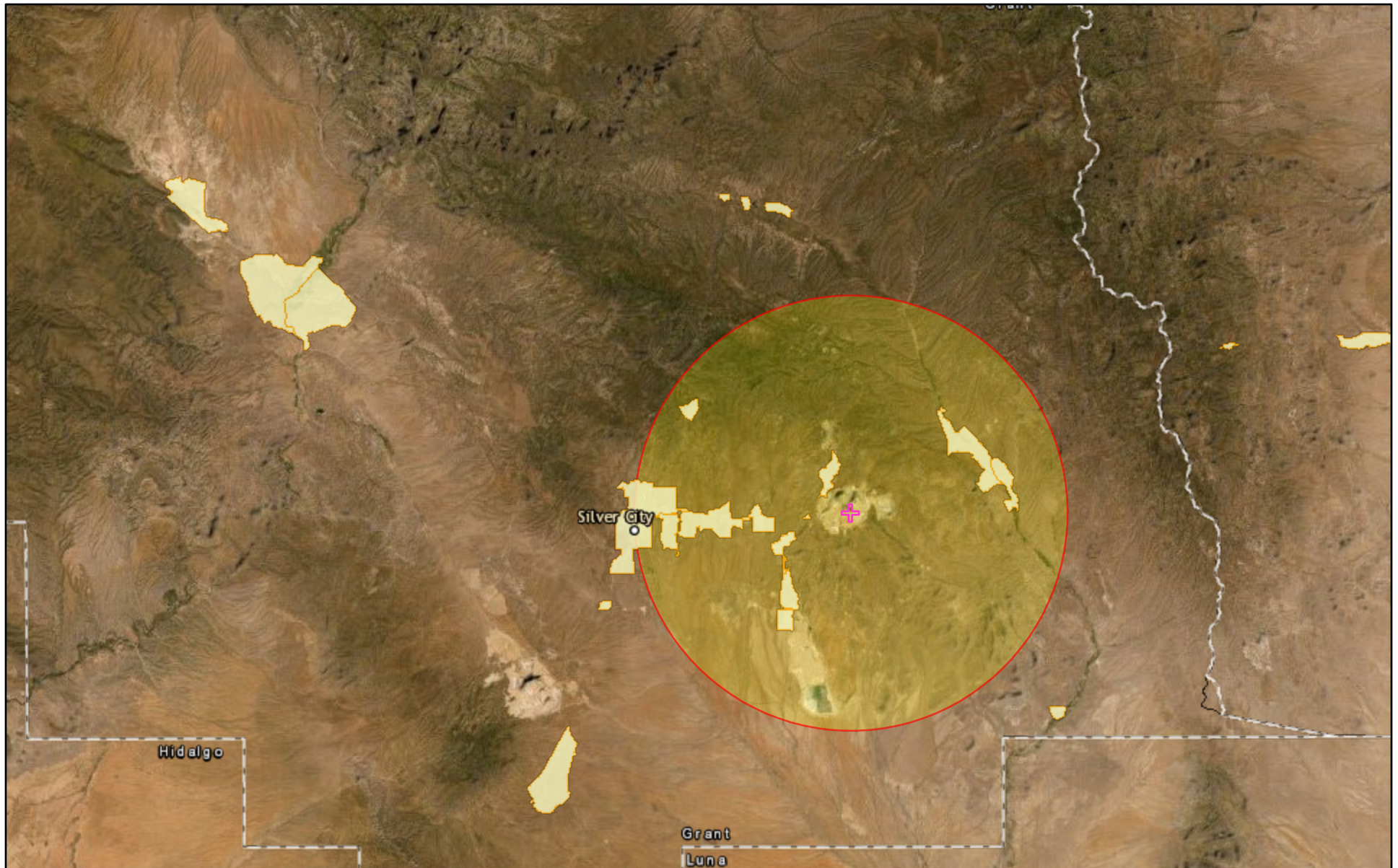
**Data Note:** Detail may not sum to totals due to rounding. Hispanic population can be of any race.

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.

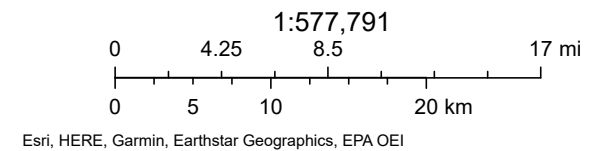


# Chino Mine, 32.783594,-108.069194



7/15/2022

-  City Boundary     Chino Mine, 32.783594,-108.069194
-  Counties





1:144,448



Click to add a point

► Legislative Boundaries

► Places

▼ Colonias

## Colonias

☒ Colonias

▼ Tribal Lands

## Tribal Lands

☒ Tribal Lands

Trust

► Mount Taylor

▼ Land Grants

## Land Grants

☒ Land Grants

► New Mexico Environment Department

### ► Demographics

**Lon:** -108.21408°, **Lat:** 32.85217°

Bureau of Land Management, Esri, HERE, Garmin, NGA, USGS, NPS | Burea...



