



NEW MEXICO ENVIRONMENT DEPARTMENT
GROUND WATER QUALITY BUREAU
PUBLIC INVOLVEMENT PLAN
(PIP)



Facility Name: Brackish Water Reverse Osmosis Facility

Facility Location: 501 Lavelle Road
Alamogordo, NM
Section 36, Township 16 South, Range 09 East

County: Otero

Responsible Party: City of Alamogordo
David Nunnelley, Utilities Director
2600 N. Florida Avenue
Alamogordo, NM 88310

Agency: Ground Water Quality Bureau
Pollution Prevention Section

GWQB Action: Permitting - Renewal
DP-1827

Bureau Contact: Kathleen Murphy, Geoscientist
(505) 660-7567
Kathleen.Murphy@env.nm.gov
or pps.general@env.nm.gov

Main bureau telephone number:
(505) 827-2900

EFFECTIVE DATE: August 17, 2023

REVISION DATE: N/A

/s/ Jason Herman for

Justin D. Ball, Chief
Ground Water Quality Bureau

Element 1 – Public Involvement Plan (PIP) Overview

The New Mexico Environment Department (NMED or Department), Ground Water Quality Bureau (Bureau) has developed this PIP for the application for a Ground Water Discharge Permit renewal for the City of Alamogordo Brackish Water Reverse Osmosis Facility. The permit for this facility is referred to as DP-1827.

The purpose of this PIP is to plan for providing public participation opportunities and information that may be needed for the community to participate in the permitting process for this facility. This PIP identifies information about the community and resources needed by the Bureau to incorporate community participation activities into the decision-making process. This PIP is developed in accordance with the Department's *Public Participation Policy* (Policy 07-13 or Policy), and incorporates the requirements of the Policy, as well as applicable regulatory and statutory public participation requirements.

This PIP implements the “elements” set forth in the Policy. Those elements include:

1. An overview of the Public Involvement Plan for the community affected by the activity.
2. Bureau contact names and contact information, specifically for Limited English Proficiency (LEP) language assistance services (e.g., translation, interpreters) or for disability accommodations.
3. A summary of the regulatory public participation framework associated with discharge permits.
4. A description of community/stakeholder groups based on results of a preliminary environmental justice (EJ) screening.
5. Details about planned public outreach activities.

In developing this PIP, community participation needs were assessed to ensure appropriate public outreach. This was accomplished by identifying whether there is a combination of environmental and demographic factors that may impact public participation (e.g., low-income community, minority community, LEP individuals, linguistically isolated households).

Public involvement associated with discharge permits occurs at different stages and in different forms. Public involvement activities required by statute or regulation are mandatory and subject to statutory or regulatory deadlines. Mandatory public involvement activities and associated time requirements relevant to this PIP are noted in the *Table of Mandated Public Involvement Activities* at the end of this PIP.

The Bureau plans to conduct the public involvement activities related to the permitting process outlined in the *Table of Public Involvement Activities* below. The activity timeline and dates are tentative and subject to change.

Table of Public Involvement Activities

Activity	Date
Application Notice (PN-1) See <i>Table of Mandated Public Involvement Activities</i> at the end of this PIP for details.	August 2023
Placement of a hardcopy of the PIP in the local NMED office: NMED Alamogordo Field Office 811 E First Avenue Alamogordo, NM 88301 (575) 437-7115	August 2023
Notice of availability of draft permit (PN-2) See <i>Table of Mandated Public Involvement Activities</i> .	Within 60 days of determining the application is technically complete. Date to be determined.

All notices for upcoming meetings or hearings will include a statement that any person who requires assistance, an interpreter, or an auxiliary aid to participate in the process may contact a specifically identified Department person to request those services. Requested interpretation services during the meeting and accommodations or services for persons with disabilities will be arranged to the extent possible.

This PIP is a “living” document that may be amended for numerous reasons, including the consideration of public comments and feedback.

Element 2 – Bureau Contact Information

PIP Specific Contacts

The Bureau contact for this discharge permit is:

Kathleen Murphy, Geoscientist
 NMED Ground Water Quality Bureau
 P.O. Box 5469, Santa Fe, NM 87502-5469
 505-660-7567/ Kathleen.Murphy@env.nm.gov or pps.general@env.nm.gov

Non-English Language Speaker Assistance

All public notices will contain a statement that non-English speakers may call the Bureau contact listed above and request language assistance in order to learn more about this permit or the permitting process. Arrangements may be made for document translation or interpretation related to the permitting process as necessary and as resources allow.

Individuals with Disabilities Assistance

All public notices will contain a statement that individuals with disabilities may call the Bureau contact listed above and request assistance needed to participate in activities associated with the permitting process.

The following information will be provided in public notices so that individuals who are deaf, hard of hearing, or have difficulty speaking on the phone can contact the Bureau and ask questions about the activity or proceeding: Telephone conversation assistance is available through Relay New Mexico at no charge for people who are deaf, hard of hearing, or have difficulty speaking on the phone, by calling 1-800-659-1779 (English); 1-800-327-1857 (Spanish); TTY users: 1-800-659-8331.

Websites

Outreach materials and notices will include links to the following website, where the Bureau's public notices and PIP information are posted:

Ground Water Quality Bureau – <https://www.env.nm.gov/public-notices/>

Element 3 – Regulatory Framework for Public Participation Related to the Permitting Process

The public participation regulatory framework associated with the permitting process is identified in the *Table of Mandated Public Involvement Activities* at the end of this PIP. The Table identifies activities subject to statutory or regulatory deadlines, the associated regulatory requirements, and the associated dates or time periods.

Element 4 – Description of Community/Stakeholder Groups Based on the EJSCREEN

EJSCREEN Summary

To provide for adequate public participation opportunities and meaningful involvement of persons in the permitting process, 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, have minority populations, and have limited English proficiency that may benefit from a variety of approaches for notification and outreach communication. This information is used to help plan for the community's involvement in the public process for environmental activities or actions. In addition to the EJSCREEN results, the Bureau may consider additional information such as the U.S. Census Bureau website or NMED's EJ Mapping Tool.

The Bureau considers the affected community to be those persons living within a 4-mile radius of the discharge site. The results of the EJSCREEN American Community Survey (ACS) Summary Report (attached to this PIP) are summarized in the table below.

EJSCREEN Results for the Affected Community

Total population	32,666
Total number of households	13,284
Percentage People of Color population	47%
Percentage Hispanic population	37%
Percentage of the population by race	Population reporting one race: White:80% Black:5% American Indian:1% Asian:2% Pacific Islander:0% Some Other Race:5%
Total number of persons greater than the age of five who speak English “less than very well”	2,051
Percentage of persons greater than the age of five who speak English “less than very well”	7%
Total number of linguistically isolated households	569
Percentage of linguistically isolated households (Total number of linguistically isolated households ÷ total number of households) X 100	4.2%
Languages by percentage in linguistically isolated households	Spanish:80% Other Indo-European languages: 8% Asian-Pacific Island languages: ..6% Other languages:5%
Percent linguistically isolated population, New Mexico*:	5.1%
Per capita income	\$25,937
Per capita income, USA**	\$35,384

* U.S. Census Bureau. 2020 American Community Survey 5-Year Estimates, Table S1602. Limited English-Speaking Households.

<https://data.census.gov/cedsci/table?q=S1602%3A%20LIMITED%20ENGLISH%20SPEAKING%20HOUSEHOLDS&g=0400000US35&tid=ACSST5Y2020.S1602> (date of access: 5/4/2022).

** U.S. Census Bureau. 2020 American Community Survey 5-Year Estimates, Table B19301. Per Capita Income in the Past 12 Months (In 2020 Inflation-Adjusted Dollars).

<https://data.census.gov/cedsci/table?q=per%20capita%20income&tid=ACSST5Y2020.B19301>. (Date of access: 5/4/2022).

Based on the EJSCREEN results regarding language proficiencies, the Bureau plans to conduct public outreach in accordance with the *Table of Mandated Public Involvement Activities* at the end of this PIP.

Element 5 – Detailed Actions and Outreach Activities with the Affected Public

Public involvement activities required by statute or regulation for this permitting action are listed in the *Table of Mandated Public Involvement Activities* at the end of this document.

Public Participation – Outreach Activities

The Bureau will conduct the following outreach activities during this permitting process:

- Placement of this PIP on the Bureau website and in nearby NMED field office
- Postal mailing and email notices
- Newspaper notices
- Notice posted on NMED website

Newspapers to be utilized in the notification process include:

- Statewide circulation (English): Albuquerque Journal
- Local circulation (English): Alamogordo Daily News – Otero County

Local, state, and federal government agencies, tribal entities, land grant officials and colonias will be notified about the permitting process. A list of the agencies and officials notified can be provided upon request.

Indian Tribes, Pueblos and Nations will be notified about the permitting action through the contacts maintained by the Indian Affairs Department at the following URLs:

- <https://www.iad.state.nm.us/pueblo-tribes-and-nations/pueblos/>
- <https://www.iad.state.nm.us/pueblo-tribes-and-nations/navajo/>
- <https://www.iad.state.nm.us/pueblo-tribes-and-nations/apaches/>

Timelines and methods for submitting public comments are specified in the *Table of Mandated Public Involvement Activities*. Final discharge permit documents will be available from the Bureau's contact identified in Element 2 of this PIP.

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

The Bureau solicits the names and contact information of interested parties with all public notices. The Bureau maintains those names on a Facility-Specific Mailing List and provides the individuals with information about regulatory activities for the facility. Individuals, organizations, and other interested parties are added to the mailing list as requested. All public notices will contain a

statement directing interested individuals to contact the Bureau contact for this permit if they want to be added to the facility specific mailing list.

Other means of outreach such as fliers announcing public comment periods and/or public meetings or hearings may be posted in locations throughout the community (e.g., local businesses, schools, libraries) and on the Department's website, at the Bureau's discretion after consideration of public interest and input.

PIP Contingency Plan

During a public health emergency or other unforeseen event outside the control of the Department, the Department will make every effort to ensure the public remains involved in and informed of the decision making and permit processes. The purpose of this PIP Contingency Plan is in part to address circumstances when public spaces are closed because of potential human exposure risks. The Department will attempt to identify and utilize alternate methods of document delivery to the public and public viewing when conventional methods and locations are unavailable. When it is unsafe to utilize the physical PIP and document repositories, the Department will consider utilizing electronic delivery methods deemed appropriate for the permitting action. While operating under the PIP Contingency Plan, the PN-2 will include a statement specifying that the PIP Contingency Plan is in effect and that, "instead of placing a copy of the PIP for this permitting action in a public location, NMED will make the PIP available to the community by sending the PIP by email or US mail to any community member requesting a copy. An individual may request a copy of the PIP utilizing the Bureau contact information in this public notice. When making such a request, please specify how you would like the document delivered. If you request a copy of a PIP, you will receive a revised PIP should the PIP be updated in the future." During the times of potential human exposure risks and the resultant implementation of this PIP Contingency Plan, public meetings and hearings will only be held when or through means by which the Department can ensure the public's health and safety and this PIP can be fully adhered to.

Attachments

- A copy of the EJSCREEN ACS Summary Report, and a map showing the area evaluated.

Table of Mandated Public Involvement Activities

Activity	Dates
<p>Application Notice (PN-1): The first notice of the Bureau’s receipt of the permit application – applicant’s obligations at 20.6.2.3108.B and C NMAC – Bureau’s obligations at 20.6.2.3108.E NMAC</p> <ul style="list-style-type: none"> • Newspaper display ads (PN-1 synopsis¹ in English and Spanish)- Applicant obligation • NMED website https://www.env.nm.gov/public-notices/ • Notice to government agencies • Notice to interested parties 	<p>Within 30 days of the department deeming the application administratively complete</p>
<p>Permit Notice (PN-2): Notice to the public of the availability of a draft permit for a 30-day review and comment period – the notice will outline the process for requesting a public hearing – obligation at 20.6.2.3108.H through J NMAC</p> <ul style="list-style-type: none"> • NMED website https://www.env.nm.gov/public-notices/ • Newspaper legal ads • Notification of interested parties • Notice to government agencies • Notice to Indian Tribes, Pueblos and Nations 	<p>Within 60 days of the department determining the application is technically complete and drafting a permit.</p>
<p>Response to Comments (if comments received): Upon the Secretary’s decision regarding issuance of a discharge permit – obligation at 20.6.2.3109.B NMAC. The Response to Comments shall specify which provisions, if any, in the draft permit were changed and the reasons for the change, and shall briefly describe and respond to all significant comments on the draft permit raised during the public comment period or at any hearing. The Secretary shall notify persons who participated in the permitting action by mail or email of the action taken and the reasons for such action and shall include a copy of the Response to Comments.</p>	<p>Response is issued 30 days after the administrative record is complete and all required information is available</p>

¹ Suitable for display, the abbreviated format of the PN-1 synopsis does not contain all the information provided by a full public notice, e.g., language assistance or non-discrimination information.

Location: User-specified point center at 32.882015, -105.973260
 Ring (buffer): 4-miles radius
 Description: Alamogordo RO Facility

Summary of ACS Estimates		2016 - 2020
Population		32,666
Population Density (per sq. mile)		760
People of Color Population		15,251
% People of Color Population		47%
Households		13,284
Housing Units		15,631
Housing Units Built Before 1950		834
Per Capita Income		25,937
Land Area (sq. miles) (Source: SF1)		42.98
% Land Area		100%
Water Area (sq. miles) (Source: SF1)		0.02
% Water Area		0%

	2016 - 2020 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	32,666	100%	716
Population Reporting One Race	29,947	92%	1,438
White	25,977	80%	596
Black	1,561	5%	267
American Indian	357	1%	181
Asian	562	2%	100
Pacific Islander	0	0%	13
Some Other Race	1,489	5%	281
Population Reporting Two or More Races	2,719	8%	526
Total Hispanic Population	11,974	37%	554
Total Non-Hispanic Population	20,692		
White Alone	17,415	53%	530
Black Alone	1,424	4%	267
American Indian Alone	128	0%	49
Non-Hispanic Asian Alone	562	2%	100
Pacific Islander Alone	0	0%	13
Other Race Alone	38	0%	103
Two or More Races Alone	1,124	3%	201
Population by Sex			
Male	15,973	49%	441
Female	16,693	51%	435
Population by Age			
Age 0-4	1,866	6%	165
Age 0-17	7,229	22%	285
Age 18+	25,437	78%	412
Age 65+	6,519	20%	228

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) 2016 - 2020

Location: User-specified point center at 32.882015, -105.973260

Ring (buffer): 4-miles radius

Description: Alamogordo RO Facility

	2016 - 2020 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	22,639	100%	419
Less than 9th Grade	779	3%	104
9th - 12th Grade, No Diploma	1,488	7%	221
High School Graduate	6,450	28%	247
Some College, No Degree	6,791	30%	325
Associate Degree	2,335	10%	157
Bachelor's Degree or more	4,796	21%	226
Population Age 5+ Years by Ability to Speak English			
Total	30,799	100%	613
Speak only English	24,709	80%	571
Non-English at Home ¹⁺²⁺³⁺⁴	6,090	20%	369
¹ Speak English "very well"	4,040	13%	351
² Speak English "well"	1,376	4%	220
³ Speak English "not well"	386	1%	92
⁴ Speak English "not at all"	289	1%	94
³⁺⁴ Speak English "less than well"	675	2%	131
²⁺³⁺⁴ Speak English "less than very well"	2,051	7%	256
Linguistically Isolated Households*			
Total	569	100%	96
Speak Spanish	456	80%	95
Speak Other Indo-European Languages	47	8%	21
Speak Asian-Pacific Island Languages	36	6%	32
Speak Other Languages	29	5%	39
Households by Household Income			
Household Income Base	13,284	100%	267
< \$15,000	1,778	13%	211
\$15,000 - \$25,000	1,658	12%	153
\$25,000 - \$50,000	3,752	28%	277
\$50,000 - \$75,000	2,529	19%	187
\$75,000 +	3,568	27%	182
Occupied Housing Units by Tenure			
Total	13,284	100%	267
Owner Occupied	8,220	62%	206
Renter Occupied	5,064	38%	209
Employed Population Age 16+ Years			
Total	26,358	100%	458
In Labor Force	15,069	57%	373
Civilian Unemployed in Labor Force	820	3%	129
Not In Labor Force	11,288	43%	342

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 32.882015, -105.973260

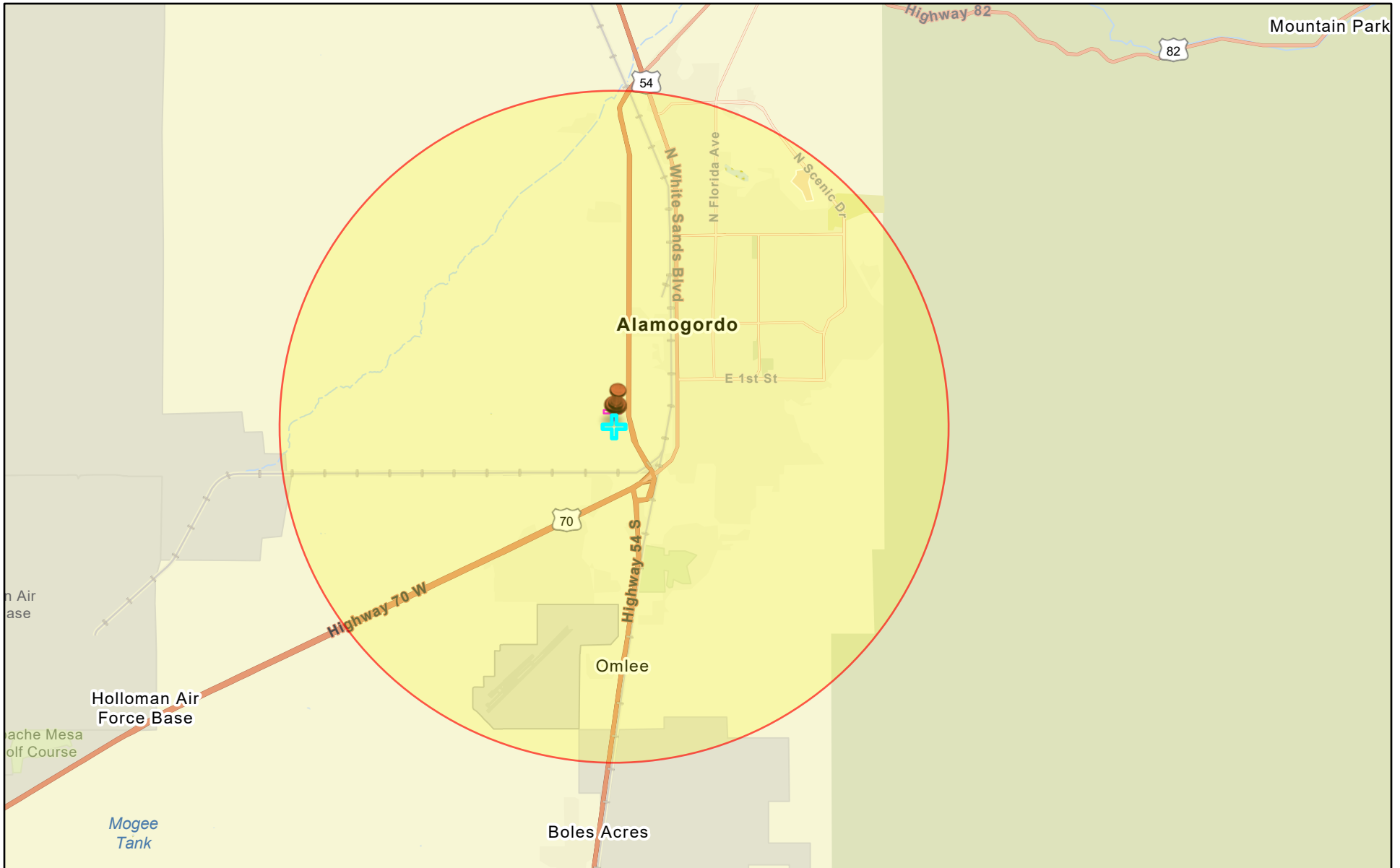
Ring (buffer): 4-miles radius

Description: Alamogordo RO Facility

	2016 - 2020 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	30,839	100%	802
English	24,834	81%	850
Spanish	4,950	16%	526
French, Haitian, or Cajun	12	0%	13
German or other West Germanic	493	2%	214
Russian, Polish, or Other Slavic	6	0%	13
Other Indo-European	0	0%	13
Korean	25	0%	26
Chinese (including Mandarin, Cantonese)	0	0%	13
Vietnamese	43	0%	55
Tagalog (including Filipino)	125	0%	68
Other Asian and Pacific Island	233	1%	152
Arabic	0	0%	13
Other and Unspecified	117	0%	49
Total Non-English	6,005	19%	1,169

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) 2016 - 2020.
*Population by Language Spoken at Home is available at the census tract summary level and up.

Alamogordo RO Facility



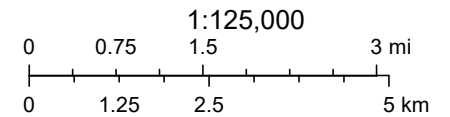
5/22/2023



Alamogordo RO Facility



Search Result (point)



New Mexico State University, Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land