NEW MEXICO ENVIRONMENT DEPARTMENT
GROUND WATER QUALITY BUREAU

PUBLIC INVOLVEMENT PLAN
(PIP)

Facility Name:	Cannon Air Force Base
Facility Location:	506 N Commando Way Cannon AFB, NM Sections 18, 19, 20, and 30, Township 02N, Range 35E and Sections 12, 13, 24, and 25, Township 02N, Range 34E
County:	Curry County
Responsible Party:	Colonel Robert A. Masaitis Commander, 27th Special Operations Wing
Agency:	Ground Water Quality Bureau Pollution Prevention Section
GWQB Action:	Permitting - Renewal/Modification DP-873
Bureau Contact:	Avery Young, Environmental Scientist (505) 827-2909 avery.young@state.nm.us Main bureau telephone number: (505) 827-2900

EFFECTIVE DATE: November 13, 2018

REVISION DATE: March 2, 2020

/s/ Jason Herman (for)

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Steve Pullen
Pollution Prevention Section, 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 renewal and modification of the Ground Water Discharge Permit for Cannon Air Force Base. The permit for this facility is referred to as DP-873.

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). Because the community located near the Cannon Air Force Base includes a significant percentage of Spanish speakers, the Bureau will provide appropriate information in both English and Spanish.

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 *Table of Mandated Public Involvement Activities* at the end of this PIP for details.	February 2020
Placement of a hardcopy of the PIP in the local NMED office: NMED Clovis Field Office 100 E. Manana, Unit 3 Clovis, NM 88101 (575) 762-3728	March 2020
Notice of availability of draft permit and fact sheet (PN-2) See *Table of Mandated Public Involvement Activities*.	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:

Avery Young, Environmental Scientist
NMED Ground Water Quality Bureau
P.O. Box 5469, Santa Fe, NM 87502-5469
(505) 827-2909/avery.young@state.nm.us

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 disabled individuals 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 hearing-impaired callers can contact the Bureau and ask questions about the activity or proceeding: Toll-free numbers are available for TDD or TTY users to access the New Mexico Relay network (for deaf or hearing-impaired callers), 1-800-659-1779; 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/gwqb/public-notice/

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 12-mile radius of the discharge site, which includes Clovis, NM. 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	46,271
Total number of households	16,851
Percentage minority population	53%
Percentage Hispanic population	43%
Percentage of the population by race	Population reporting one race: White: ..... 67% Black: ..... 6% American Indian: ..... 1% Asian: ..... 1% Pacific Islander: ..... 0% Some Other Race: 20%
Total number of persons greater than the age of five who speak English "less than very well"	3,707
Percentage of persons greater than the age of five who speak English "less than very well"	9%
Total number of linguistically isolated households	877
Percentage of linguistically isolated households (Total number of linguistically isolated households ÷ total number of households) X 100	5.2%
Languages by percentage in linguistically isolated households	Spanish: ..... 98% Asian-Pacific Island languages: . 2%
Percent linguistically isolated population, New Mexico*:	5.4%
Per capita income	$21,401
Per capita income, USA**	$29,979

* U.S. Census Bureau. 2011-2015 American Community Survey 5-Year Estimates, Table S1602. Limited English Speaking Households. https://factfinder.census.gov/bkmk/table/1.0/en/ACS/15_5YR/S1602/0400000US35 (date of access: 7/26/2018).

** U.S. Census Bureau. 2015 American Community Survey 1-Year Estimates, Table S0201. Selected Population Profile in the United States. https://factfinder.census.gov/bkmk/table/1.0/en/ACS/15_1YR/S0201/0100000US (date of access: 7/26/2018).

The EJSCREEN results indicate that for the affected community the proportion of the population with limited English proficiency (LEP) is significant, and that the predominant non-English language is Spanish. The Bureau has therefore performed a LEP assessment for the community and attaches that assessment to this PIP.

Because the affected community has a significant percentage of persons with difficulties communicating in English, the Bureau will consider the language and communication needs of this community when conducting public outreach and participation activities. To accomplish this the Bureau, to the extent its budget and time limitations allow, will provide the same information in Spanish as in English in public comment notices, public meeting notices, and other announcements (e.g., radio broadcasts, brochures, signs, postcards) and will strive to make public participation efforts as inclusive as possible. See Element 5 for more specifics on the public outreach and participation activities.

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
- Fact sheets

Newspapers to be utilized in the notification process include:

- Statewide circulation (English): Albuquerque Journal
- Local circulation (English and Spanish): Eastern New Mexican News – Curry County

Local, state, and federal government agencies, tribal entities, and land grant officials 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:

http://www.iad.state.nm.us/apaches.html
http://www.iad.state.nm.us/navajo.html
http://www.iad.state.nm.us/pueblos.html

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.

Attachments

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

Table of Mandated Public Involvement Activities

Activity	Dates
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 • Signs (PN-1 synopsis[1] in English and Spanish) - Applicant obligation • Mailings to owners of nearby properties - Applicant obligation • Newspaper display ads (PN-1 synopsis in English and Spanish)- Applicant obligation • NMED website https://www.env.nm.gov/gwqb/public-notice/ • Notice to government agencies • Notice to interested parties	Within 30 days of the department deeming the application administratively complete
Permit Notice (PN-2): Notice to the public of the availability of a draft permit and fact sheet 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 • NMED website https://www.env.nm.gov/gwqb/public-notice/ • Newspaper legal ads • Notification of interested parties • Notice to government agencies • Notice to Indian Tribes, Pueblos and Nations	Within 60 days of the department determining the application is technically complete and drafting a permit.
Public Hearing Notice (if required): Upon the Department's determination that there is substantial public interest in the permit – obligation at 20.6.2.3108.M NMAC. Notice includes information on how to participate in the hearing, and how to request an interpreter or auxiliary aid if needed. • NMED website https://www.env.nm.gov/gwqb/public-notice/ • Newspapers • Notice to interested parties • Notice to government agencies • Notice to Indian Tribes, Pueblos and Nations	Notice of the hearing shall occur at least 30 days prior to the hearing.

[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.

Limited English Proficiency (LEP) Assessment

Facility: Cannon Air Force Base, DP-873

Factor 1: The Number and Proportion of LEP Individuals Eligible to be Served or Likely to be Encountered in Community of Concern

See Public Involvement Plan (PIP), Table of EJSCREEN Results for the Affected Community.

Conclusions:

1. The number of LEP individuals (persons over the age of 5 who speak English "less than very well" in the affected community) is 3,707.
2. The percentage of LEP individuals in the affected community is 9%.
3. The percentage of linguistically isolated households is 5.2%, which is somewhat less than the statewide average.
4. Spanish is the predominant non-English language spoken by LEP persons.
5. Historical participation: The Bureau maintains a facility-specific mailing list. The current mailing list for the facility includes one person or entity. A review of the administrative record for this facility indicates limited public interest/participation overall during the past 10 years. The portion of that public interest attributable to the LEP community cannot be determined from the record.

Factor 2: Frequency with which LEP Individuals Might Come in Contact with the Program

Contact with the discharge permitting process primarily occurs when a permit application is under review. The GWQB provides notice to the public and encourages participation. Individuals may participate by requesting information, submitting comments on draft permits, requesting hearings, and taking part in hearings. Some permits generate considerable public interest, but participation is low for most permits. Historical participation in permitting activities for this facility is summarized under Factor 1.

Conclusion:

LEP participation and overall public interest in this facility have been limited historically. Based on this record, the Bureau considers the potential for LEP contact with the permitting process to be "infrequent."

Factor 3: **Nature and Importance of the Activity or Service Provided by the Program**

The permitting activity is deemed by the GWQB to be "important" to NMED, the impacted community, and the State of New Mexico. The permitting activity is important to NMED because the permit establishes site-specific requirements that must be met to ensure protection of public health and groundwater quality and provides a means to enforce those requirements. The permitting activity is important to the impacted community because poorly-operated waste

treatment facilities have the potential to pose a public nuisance and adversely affect the quality of life of people living in the vicinity of the facility. The permitting activity is important to the State of New Mexico because establishment of effective permits ensures that discharges will not impact the State's limited groundwater resources and that waste disposal is conducted in a consistent manner throughout the State.

Conclusion:

The GWQB considers the permitting activity "important" to NMED, to the state as a whole, and to the impacted community.

Factor 4: **Resources Available to NMED for LEP Services and Associated Costs**

For outreach to LEP communities associated with this permit action, NMED employs an in-house Spanish translator/interpreter and utilizes a phone interpretation service to assist during direct communication between LEP individuals and NMED staff. The costs of newspaper publication of public notice in Spanish and of interpretive services for a public meeting or hearing are being incorporated into the Bureau's budget, to the extent possible. Fees collected from the permittee in accordance with the schedule at 20.6.2.3114 NMAC are not sufficient to cover these costs.

Conclusion:

The Bureau can accommodate the costs of the LEP services identified in this plan. If additional services are requested, the budgetary implications will be reviewed.

LEP Services Plan:

To accommodate the needs of the LEP individuals who may be interested in this permitting process, the Bureau plans to:

1. Translate the Public Notice Two (PN-2) and any subsequent public notices into Spanish.
2. Provide interpretive services at any public meeting or public hearing, if requested.
3. Interact with members of the LEP community using certified interpreters, when needed and feasible.

The Bureau will consider requests from members of the affected community for additional LEP services.

EJSCREEN ACS Summary Report

Location: User-specified polygonal location
Ring (buffer): 12-miles radius
Description: Cannon Air Force Base

Summary of ACS Estimates	2013 - 2017
Population	46,271
Population Density (per sq. mile)	214
Minority Population	24,582
% Minority	53%
Households	16,851
Housing Units	19,161
Housing Units Built Before 1950	2,425
Per Capita Income	21,401
Land Area (sq. miles) (Source: SF1)	216.69
% Land Area	100%
Water Area (sq. miles) (Source: SF1)	0.94
% Water Area	0%

	2013 - 2017 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	46,271	100%	544
Population Reporting One Race	44,254	96%	1,778
White	30,801	67%	583
Black	2,897	6%	265
American Indian	374	1%	141
Asian	665	1%	142
Pacific Islander	79	0%	70
Some Other Race	9,438	20%	577
Population Reporting Two or More Races	2,017	4%	307
Total Hispanic Population	19,956	43%	624
Total Non-Hispanic Population	26,315		
White Alone	21,690	47%	443
Black Alone	2,717	6%	263
American Indian Alone	295	1%	135
Non-Hispanic Asian Alone	628	1%	142
Pacific Islander Alone	37	0%	50
Other Race Alone	63	0%	62
Two or More Races Alone	885	2%	219
Population by Sex			
Male	24,092	52%	487
Female	22,179	48%	402
Population by Age			
Age 0-4	3,932	8%	202
Age 0-17	12,503	27%	356
Age 18+	33,768	73%	625
Age 65+	5,327	12%	244

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) 2013 - 2017 .

EJSCREEN ACS Summary Report

Location: User-specified polygonal location
Ring (buffer): 12-miles radius
Description: Cannon Air Force Base

	2013 - 2017 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	27,743	100%	371
Less than 9th Grade	2,040	7%	177
9th - 12th Grade, No Diploma	2,943	11%	195
High School Graduate	7,391	27%	357
Some College, No Degree	10,055	36%	359
Associate Degree	2,677	10%	167
Bachelor's Degree or more	5,314	19%	315
Population Age 5+ Years by Ability to Speak English			
Total	42,339	100%	556
Speak only English	29,954	71%	516
Non-English at Home[1+2+3+4]	12,385	29%	472
[1]Speak English "very well"	8,678	20%	366
[2]Speak English "well"	1,076	3%	201
[3]Speak English "not well"	1,228	3%	168
[4]Speak English "not at all"	1,403	3%	176
[3+4]Speak English "less than well"	2,631	6%	243
[2+3+4]Speak English "less than very well"	3,707	9%	281
Linguistically Isolated Households*			
Total	877	100%	116
Speak Spanish	858	98%	115
Speak Other Indo-European Languages	0	0%	17
Speak Asian-Pacific Island Languages	19	2%	25
Speak Other Languages	0	0%	17
Households by Household Income			
Household Income Base	16,851	100%	217
< $15,000	2,964	18%	218
$15,000 - $25,000	2,071	12%	157
$25,000 - $50,000	4,992	30%	236
$50,000 - $75,000	2,935	17%	172
$75,000 +	3,890	23%	246
Occupied Housing Units by Tenure			
Total	16,851	100%	217
Owner Occupied	9,549	57%	225
Renter Occupied	7,302	43%	207
Employed Population Age 16+ Years			
Total	35,131	100%	549
In Labor Force	22,341	64%	520
Civilian Unemployed in Labor Force	1,724	5%	192
Not In Labor Force	12,790	36%	344

Data Note: Datail 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.

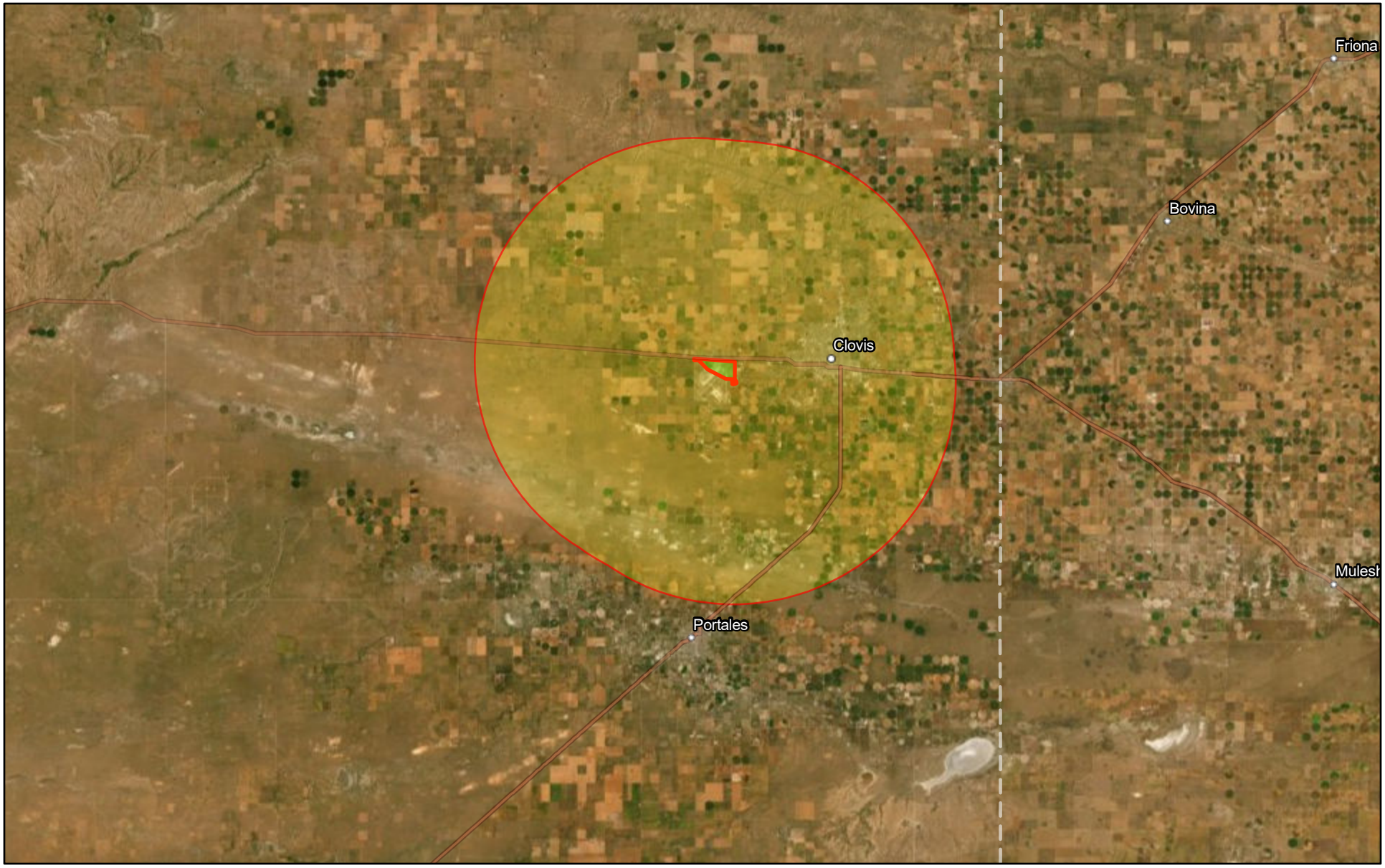
EJSCREEN ACS Summary Report

Location: User-specified polygonal location
Ring (buffer): 12-miles radius
Description: Cannon Air Force Base

	2013 - 2017 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	42,339	100%	556
English	29,954	71%	502
Spanish	11,681	28%	476
French	66	0%	35
French Creole	N/A	N/A	N/A
Italian	N/A	N/A	N/A
Portuguese	N/A	N/A	N/A
German	45	0%	50
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	40	0%	35
Chinese	3	0%	17
Japanese	N/A	N/A	N/A
Korean	130	0%	121
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	18	0%	36
Other Asian	107	0%	87
Tagalog	228	1%	142
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	58	0%	55
Total Non-English	12,385	29%	749

Data Note: Detail may not sum to totals due to rounding. Hispanic popultion can be of any race.
N/A meansnot available. **Source:** U.S. Census Bureau, American Community Survey (ACS) 2013 - 2017.
*Population by Language Spoken at Home is available at the census tract summary level and up.

Cannon Air Force Base



February 17, 2020

Cannon Air Force Base

1:577,791

0 4 8 16 mi

0 5 10 20 km

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Sources: