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

Version P2.20.19

Date: March 21, 2019

Applicant: Operator: Public Service Company of New Mexico

Facility Owner's Name:

Unit 1: Public Service Company of New Mexico
Tucson Electric Power Company

Unit 4: Public Service Company of New Mexico
Utah Associated Municipal Power Systems
City of Farmington
Los Alamos County

Facility Name: San Juan Generating Station

Air Quality Permit Application Number: **NSR 0063-M12**

Location: 6800 N County Road, Waterflow, NM 87421

Latitude: 36.800556

Longitude: -108.438611

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. The AQB will provide a copy of the public notice, the air quality permit application, and this PIP to the NMED field office at:

Farmington
1800 East 30th St
Farmington, NM 87401
Phone (505) 566-9741
FAX (505) 566-9757

- 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, due to the facility location in San Juan County, an English public notice will be sent to the Navajo Nation San Juan Chapter.
- 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

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/air-quality/aqb-p-current-permitting-activites/>

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.

Population and Income Data			
Total Population:	1,451	Per capita income of community:	\$22,251
Minority Population, %:	50	US Per Capita Income*:	\$29,829
Total number of households:	432	Total Number (and Percent) of Linguistically Isolated Households:	4 (0.9%)

*US Per Capita Income 2012-2016; <https://www.census.gov/quickfacts/fact/table/US/HSG030210>

Population by Race, %		Population by Ability to Speak English, %	
White	50	Speak Only English	77
Black	4	Non-English at Home	23
American Indian	38	Speak English "very well"	22
Asian	0	Speak English "well"	2
Pacific Islander	0	Speak English "not well"	0
Other Race	8	Speak English "not at all"	0
Two or More Races	0	Speak English "less than very well"	2

Linguistically Isolated Household Details, %		List other Languages (if applicable)
Speak Spanish	0	////////////////////////////////////
Speak Other Indo-European Languages	0	
Speak Asian Pacific Island Languages	0	
Speak Other Languages	100	

In addition, the following community stakeholder groups have been identified: Class I - Mesa Verde National Park and State of Colorado.

History of public involvement in air permitting during the last 10 years:

- 2014 Public interest in the EPA Regional Haze Settlement Agreement and BART process
- 2016 PRC announcement of shutting down 2 of the 4 coal-fired boiler-units

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 Farmington 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 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 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 Farmington Daily Times newspaper.

Farmington Daily Times

English: <http://www.daily-times.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.

Email notification will be sent to the contacts at the Tribes, Pueblos and/or Nations listed below: local Navajo Nation Chapter-sanjuan@navajochapters.org

Tennille Begay, taustin@navajo-nsn.gov

Navajo Nation EPA

PO Box 529

NNEPA-Air Quality Control Program

Fort Defiance, AZ 86504

Janice Archuleta, JArchuleta@utemountain.org

Ute Mountain Tribe Environmental Program - Air Quality

520 Sunset Blvd POB 448

Towaoc, CO 81334

Daniel Powers, dpowers@southernute-nsn.gov

Southern Ute Tribe Environmental Program - Air Quality

PO Box 737, MS#84

Ignacio, CO 81137

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 Colorado

Boyd Nystedt, Director
Eight Northern Indian Pueblo Council, Inc
Office of Environmental Technical Assistance
Mobile: 505-692-7073, Fax: 505.884.0846
Email: boyd.nystedt@enipc.org

Matt Burgett, matt.burgett@state.co.us
Colorado Dept of Public Health and Environment
4300 Cherry Creek Drive, South
Denver, CO 80246

George San Miguel, george_san_miguel@nps.gov
Mesa Verde National Park (CO)
PO Box 8
Mesa Verde, CO 81330-0008

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.


for Liz Bisbey-Kuehn
Bureau Chief
Air Quality Bureau


Date approved

Attachments: EJSCREEN Printout



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Limited English Proficiency (LEP) Services Evaluation

Air Quality Bureau Air Permit Application

Version P02.18.19

Date: March 21, 2019

Applicant: Operator: Public Service Company of New Mexico

Facility Owner's Name:

Unit 1: Public Service Company of New Mexico

Tucson Electric Power Company

Unit 4: Public Service Company of New Mexico

Utah Associated Municipal Power Systems

City of Farmington

Los Alamos County

Facility Name: San Juan Generating Station

Air Quality Permit Application Number: **NSR 0063-M12**

Location: 6800 N County Road, Waterflow, NM 87421

Latitude: 36.800556

Longitude: -108.438611

Factor 1 – Number and Proportion of LEP Individuals in the Community:

A. Total Number that Speak English “less than very well”: **24** Proportion, %: **2**

B. Historical participation: The Bureau does not have records indicating any participation by LEP individuals or any member of the public regarding this facility.

Factor 2 – Frequency with Which LEP Individuals Come in Contact with the Program (Frequent, Occasional, Not Frequent):

There is no record of frequent or any contact with LEP individuals regarding this facility.

Factor 3 – Nature and Importance of the Activity (Moderately Important, Important, Very Important):

Important. Permits cannot be issued in accordance with 20.2.72 NMAC unless they demonstrate compliance with all state and federal regulations, including health based New Mexico and National Ambient Air Quality Standards. This requirement protects the health of the residents in the vicinity of this facility.

Bureau regulations require that final action must be taken on this permit application no later than 90 days after the application has been ruled complete.

Energy production facilities constitutes a significant source of revenue for the State. Permitting facilities that are demonstrated to be in compliance with state and federal regulations encourages responsible economic development for New Mexico.

Factor 4 – Resources Available to NMED and Associated Costs:

A. Costs associated with translation: \$300

Costs associated with providing a translator: \$1000-3000 depending on the length of the proceeding


Costs associated with hosting a public hearing: \$1500-3000

Costs for a court reporter: \$2000

B. The Department is in the process of securing purchase agreements with translators to provide translating services. The Bureau currently uses in-house staff to assist Spanish speakers with their questions regarding permitting actions.

The Bureau has reviewed the above four factors. This is a NSR permit modification, under regulation 20.2.72.200.A.(2) NMAC, that increases fugitive particulate matter emissions due to increasing the hours of operation for bulldozer operations on all plant coal piles (including the Force Majeure coal pile Unit E105) to 2,400 hours per year and combines those hours for all coal piles (Condition A406.D); recordkeeping and reporting of coal pile maintenance hours and coal material handling monitoring is revised from a monthly rolling 12-month total to annual calendar year basis (added to Condition A406.D); removes TSP emission limits from Tables 106.A & C and any associated conditions; and in Permit condition A112.B that discusses the status of all “Term Sheet Requirement” will be noted that all permittee requirements of the term sheet have been fulfilled. Given the importance of this project, the lack of involvement of LEP individuals in the past, and considering the current public notice already contains a paragraph in Spanish regarding how to speak with someone in the Bureau about the proposed project, the Bureau does not plan to provide additional LEP services regarding this permitting action.

The LEP Services Evaluation has been reviewed and approved by the AQB Bureau Chief.


for Liz Bisbey-Kuehn
Bureau Chief
Air Quality Bureau


Date approved



Location: User-specified point center at 36.800556, -108.438611
 Ring (buffer): 4-mile radius
 Description: PNM-SJGS-1421

Summary of ACS Estimates		2011 - 2015
Population		1,451
Population Density (per sq. mile)		29
Minority Population		731
% Minority		50%
Households		432
Housing Units		474
Housing Units Built Before 1950		29
Per Capita Income		22,251
Land Area (sq. miles) (Source: SF1)		49.47
% Land Area		99%
Water Area (sq. miles) (Source: SF1)		0.45
% Water Area		1%

	2011 - 2015 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	1,451	100%	363
Population Reporting One Race	1,450	100%	868
White	729	50%	362
Black	52	4%	99
American Indian	555	38%	271
Asian	0	0%	16
Pacific Islander	0	0%	11
Some Other Race	114	8%	109
Population Reporting Two or More Races	1	0%	46
Total Hispanic Population	125	9%	267
Total Non-Hispanic Population	1,326		
White Alone	720	50%	341
Black Alone	52	4%	99
American Indian Alone	554	38%	271
Non-Hispanic Asian Alone	0	0%	16
Pacific Islander Alone	0	0%	11
Other Race Alone	0	0%	11
Two or More Races Alone	0	0%	44
Population by Sex			
Male	778	54%	212
Female	673	46%	238
Population by Age			
Age 0-4	82	6%	101
Age 0-17	393	27%	167
Age 18+	1,058	73%	249
Age 65+	121	8%	82

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) 2011 - 2015.

Location: User-specified point center at 36.800556, -108.438611

Ring (buffer): 4-mile radius

Description: PNM-SJGS-1421

	2011 - 2015 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	918	100%	243
Less than 9th Grade	32	4%	101
9th - 12th Grade, No Diploma	74	8%	72
High School Graduate	250	27%	121
Some College, No Degree	404	44%	135
Associate Degree	142	16%	75
Bachelor's Degree or more	158	17%	130
Population Age 5+ Years by Ability to Speak English			
Total	1,369	100%	322
Speak only English	1,047	77%	252
Non-English at Home ¹⁺²⁺³⁺⁴	321	23%	235
¹ Speak English "very well"	298	22%	233
² Speak English "well"	22	2%	32
³ Speak English "not well"	0	0%	21
⁴ Speak English "not at all"	1	0%	46
³⁺⁴ Speak English "less than well"	1	0%	48
²⁺³⁺⁴ Speak English "less than very well"	24	2%	50
Linguistically Isolated Households*			
Total	4	100%	20
Speak Spanish	0	0%	11
Speak Other Indo-European Languages	0	0%	11
Speak Asian-Pacific Island Languages	0	0%	16
Speak Other Languages	4	100%	17
Households by Household Income			
Household Income Base	432	100%	101
< \$15,000	30	7%	72
\$15,000 - \$25,000	7	2%	26
\$25,000 - \$50,000	104	24%	73
\$50,000 - \$75,000	108	25%	64
\$75,000 +	181	42%	94
Occupied Housing Units by Tenure			
Total	432	100%	101
Owner Occupied	354	82%	107
Renter Occupied	78	18%	88
Employed Population Age 16+ Years			
Total	1,060	100%	238
In Labor Force	682	64%	221
Civilian Unemployed in Labor Force	96	9%	95
Not In Labor Force	378	36%	132

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) 2011 - 2015.

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

Location: User-specified point center at 36.800556, -108.438611

Ring (buffer): 4-mile radius

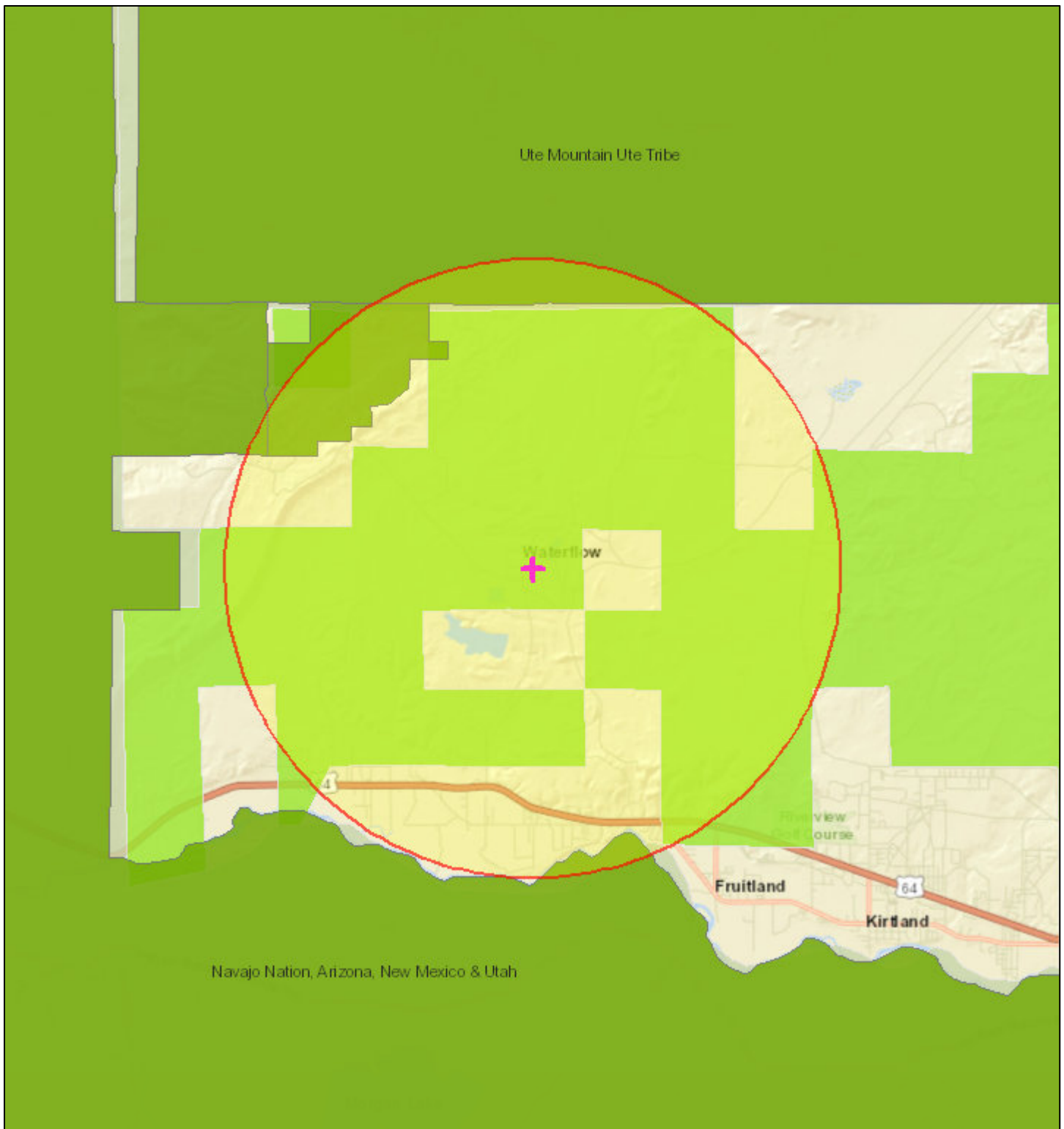
Description: PNM-SJGS-1421

	2011 - 2015 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	1,369	100%	322
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) 2011 - 2015.

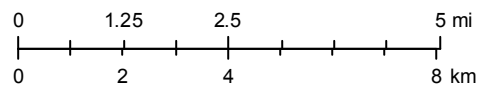
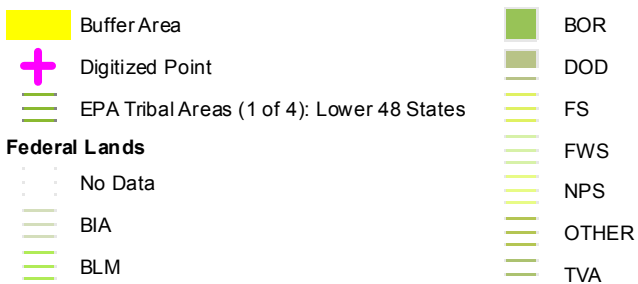
*Population by Language Spoken at Home is available at the census tract summary level and up.

4-mile radius PNM-SJGS



April 16, 2018

1:144,448







Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community
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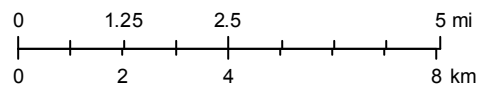
4-mile radius PNM-SJGS



April 16, 2018

1:144,448

-  Buffer Area
-  Digitized Point
-  City Boundary
-  Counties



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