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PUBLIC INVOLVEMENT PLAN (PIP)

Air Quality Bureau Air Permit Application

Version P04.18.18

Applicant: US Department of Energy (Owner); Los Alamos National Security, LLC (operator)

Facility Name: Los Alamos National Laboratory Power Plant in Technical Area 3

Air Quality Permit Application Number: 2195B-M2

Location: Facility is in Los Alamos County bounded by the cities of Los Alamos and White Rock. The portion of the facility undergoing the modification is within Technical Area 3.

Latitude: 35° 52' 27"

Longitude: -106° 19' 13"

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 the facility listed above.

The AQB encourages the public to learn about and get involved in regulatory decision-making opportunities for this permit application. The purpose of this PIP is to provide public participation opportunities and information that may be needed to participate in this permitting activity.

This permit application does require public participation throughout different stages. 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 at the site 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 require that the application must be ruled complete no more than 30 days after receipt, and that a public notice for this application must be published in a newspaper of general circulation in the area closest to the location of the facility. See section 4.d 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 and the air quality permit application to the NMED field office at:

Espanola
712 La Joya Street
Espanola, NM 87532
Phone (505) 753-7256
Fax (505) 753-1840

- c. AQB regulations require that the public notice must be sent to interested parties maintained on a mailing list. See Section 4.b for more information.
- d. AQB regulations require that the public notice must be sent to the “appropriate agency” as defined at 20.2.72 NMAC. See Section 4.f below for more information.
- e. 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.h below for details.
- f. 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 Department and AQB staff with phone numbers and email addresses:

a. AQB contact for questions about this application or PIP:

Kirby Olson
New Mexico Environment Department
Air Quality Bureau
525 Camino de los Marquez, Suite 1
Santa Fe, New Mexico, 87505
(505) 476-4322
Kirby.olson@state.nm.us.

See Section 1 above for contact information for the NMED District office.

In addition, a contact list for AQB personnel can be found at:

<https://www.env.nm.gov/air-quality/air-quality-bureau-contacts/>

In some cases, such as a request for information under the Inspections of Public Records Act NMSA 1978 §14-2 (“IPRA”), a more formal request for information from the Department or AQB about the PIP may be required to be submitted in writing. Public information requests to the AQB under IPRA should be addressed to:

Melissa Y. Mascareñas
NMED Public Records Custodian
P.O. Box 5469, 1190 St. Francis Drive
Santa Fe, New Mexico, 87502
Telephone (505) 827-2855
Email: melissa.mascarenas@state.nm.us

For additional information on public records requests, please see the New Mexico Attorney General’s [IPRA Guide.](#)”

b. Non-English Language Speaker Assistance and Accommodations

Non-English speakers may call the AQB contact listed in this PIP and request language assistance services, such as an interpreter, so they can learn more about this permit application. 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.

The AQB may hold public meetings, open houses, stakeholder meetings, and/or a formal hearing depending on the interest in the application. In the event that a public meeting will be held regarding this permit application, any person requiring non-English Language Speaker Assistance, assistance for an interpreter or auxiliary aid (e.g., accommodations for persons who are disabled) to participate in public meetings related to this permit application (if applicable), please contact the person listed in item 2.a above, allowing at least 14 days prior to the meeting date. TDD or TTY users please access the number via the New Mexico Relay Network, 1-800-659-1779 (voice); TTY users: 1-800-659-8331).

c. Department Websites

New Mexico Environment Department - <https://www.env.nm.gov/>

Air Quality Bureau - <https://www.env.nm.gov/air-quality/>

d. Site Website

The AQB maintains a website location for the public notice for this permit application at: <https://www.env.nm.gov/air-quality/public-notices-of-permitting-actions/>.

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. This information is used to help encourage the community’s involvement in the public process for environmental activities or actions.

Using the default 4 mile radius from the boundary of the facility, the results of the EJScreen ACS Summary Report (attached) are listed in the table below.

Population and Income Data			
Total Population:	17,945	Per capita income of community:	\$46,400
Minority Population, %:	26%	US Per Capita Income*:	\$29,829
Total number of households:	7,620	Total Number of Linguistically Isolated Households:	220

*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	87%	Speak Only English	82%
Black	0%	Non-English at Home	18%
American Indian	1%	Speak English "very well"	14%
Asian	7%	Speak English "well"	2%
Pacific Islander	0%	Speak English "not well"	1%
Other Race	3%	Speak English "not at all"	1%
Two or More Races	2%	Speak English "less than very well"	4%

Linguistically Isolated Household Details, %		List other Languages (if applicable)
Speak Spanish	65%	////////////////////////////////////
Speak Other Indo-European Languages	4%	
Speak Asian Pacific Island Languages	31%	
Speak Other Languages	0%	

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

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

Sheri Kotowski
 Embudo Valley Environmental Monitoring Group (EVEMG)
 Email: serit@cybermesa.com

Joni Arends, Executive Director
 Concerned Citizens for Nuclear Safety
 107 Cienega Street
 Santa Fe, New Mexico 87501
 Tel (505) 986-1973
 Fax (505) 986-0997
 Emails: cns@nuclearactive.org and jarends@nuclearactive.org

Kathy Sanchez, Environmental Health and Justice Program Manager and Gathering
for Mother Earth
Tewa Women
United
P. O. Box 397
Santa Cruz, NM 87567
(505) 747-3259
sent by electronic mail to: Kathy@tewawomenunited.org

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 NMED Espanola 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.

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

- a. On the AQB website, see Section 2.c above.**
- b. At the District Office listed in Section 1.b above.**
- c. At the main office location:**

New Mexico Environment Department
Air Quality Bureau
525 Camino de los Marquez, Suite 1
Santa Fe, New Mexico, 87505

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

a. Overview

The public may ask questions about this permit application at any time. Interested community members do not need to wait for a formal public comment period to contact the AQB. However, the AQB emphasizes that to be included in the administrative record, comments solicited by public notices about the proposed activity must be submitted during the noticed comment periods, and in accordance with the public notice. Additionally, the public may request to review site documents at the AQB or one of the document repositories listed in items 1b and 2c. This is the most direct way to learn more about and be involved in the decision-making process for the proposed activity or proceeding.

Based on the demographics report discussed in the PIP, the history of public involvement at the site and the site 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.

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

AQB regulations require the use of a mailing list. The AQB maintains a mailing list that includes individuals interested in this permit application. This list is updated on a regular basis as a combination of all previously interested persons who requested that the AQB provide them with information about permit applications for this facility. The AQB regularly maintains contact information which is updated or supplemented, if additional information is found.

The list also includes addresses within fifty kilometers of the boundary of other states, Bernalillo county, or a Class I area. Interested persons providing both an address and email may receive physical mail and an email.

Additional individuals, organizations, and other interested parties are added to the mailing list as requested. If you would like to be added to the mailing list for this site, contact the permit writer listed in item number 2a above.

c. Email Updates

The AQB may use email updates. To sign up for email updates, go to the AQB website at: <https://www.env.nm.gov/air-quality/> and click on the “Subscribe to Email Alerts” button (see graphic below):



Subscribe to Email Alerts

d. 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 *Los Alamos Monitor* newspaper.

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

AQB regulations and the evaluation of the site location and associated demographics, require notification to Tribes, Pueblos or Nations about this permit application.

Pueblo of San Ildefonso

Governor James R. Mountain

02 Tunyo Po

Santa Fe, NM 87506

Phone: (505) 455-2273

Fax: (505) 455-7351

THPO

Dr. Bradley J. Vierra

02 Tunyo Po

Santa Fe, NM 87506

505-455-4148

505-231-6375 (cell)

Emails: bvierra@sanipueblo.org

Pueblo of Tesuque

Governor Frederick Vigil
Route 42, Box 360-T
Santa Fe, NM 87506
Phone: (505) 955-7732
Fax: (505) 982-2331

THPO

Mark Mitchell
Route 42, Box 360-T
Santa Fe, NM 87506
Phone: 505-660-4367

Email: mamitchell@pueblooftesuque.org

Santa Clara Pueblo

Governor
Santa Clara Pueblo
Post Office Box 580
Española, NM 87532
Phone (505) 753-7330
Fax (505) 753-5375
Email: governor@santaclarapueblo.org

Ohkay Owingeh (Pueblo of San Juan)

Governor Peter Garcia, Jr
P.O. Box 1099
San Juan Pueblo, NM 87566
Phone: (505) 852-4400/4210
Fax: (505) 852-4820

San Felipe Pueblo

Governor Anthony Ortiz
PO Box 4339
San Felipe Pueblo, NM 87001

Email notification will be sent to the contacts at the Tribes, Pueblos and/or Nations listed below:

Director and Assistant Director
Santa Clara Pueblo
Office of Environmental Affairs
Post Office Box 580
Española, NM 87532
Phone (505) 753-7326
Fax (505) 753-2728
Email: OEA Director, jchavarria@santaclarapueblo.org
Email: OEA Assistant Director, dinoc@santaclarapueblo.org

Neil Weber, Director of Env. and Cultural Preservation for San Ildefonso
Email: nweber@sanipueblo.org

Pinu'u Stout, San Felipe Pueblo, pstout@sfpueblo.com
Lisa Hopinkah, San Felipe Pueblo, LHopinkah@sfpueblo.com
Noah Kaniatobe, Ohkay Owingeh, noah.kaniatobe@ohkay.org
Naomi Archuleta Ohkay Owingeh, naomi.archuleta@ohkay.org

f. 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, Albuquerque-Bernalillo County Air Quality Control Board, Bandelier National Monument, Pecos Wilderness, and San Pedro Parks Wilderness.

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

The 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 (*Los Alamos Monitor*).
- 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 the 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.

The 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.).

The AQB may reschedule the meeting due to inclement weather. If rescheduled, the 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.

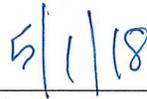
h. Public Comment Periods

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 the 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 AQB Website and at the NMED District office (address listed in Section 1.b above) listed above.

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



Liz Bisbey-Kuehn
Bureau Chief
Air Quality Bureau



Date approved

Attachments: EJSCREEN Printout



Location: User-specified polygonal location
 Ring (buffer): 4-mile radius
 Description: LANL

Summary of ACS Estimates		2011 - 2015
Population		17,945
Population Density (per sq. mile)		87
Minority Population		4,678
% Minority		26%
Households		7,620
Housing Units		8,320
Housing Units Built Before 1950		724
Per Capita Income		46,400
Land Area (sq. miles) (Source: SF1)		205.79
% Land Area		100%
Water Area (sq. miles) (Source: SF1)		0.32
% Water Area		0%

	2011 - 2015 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	17,945	100%	402
Population Reporting One Race	17,546	98%	1,076
White	15,558	87%	404
Black	87	0%	32
American Indian	191	1%	257
Asian	1,201	7%	229
Pacific Islander	17	0%	25
Some Other Race	492	3%	129
Population Reporting Two or More Races	399	2%	152
Total Hispanic Population	2,906	16%	319
Total Non-Hispanic Population	15,039		
White Alone	13,267	74%	361
Black Alone	87	0%	32
American Indian Alone	182	1%	256
Non-Hispanic Asian Alone	1,201	7%	229
Pacific Islander Alone	17	0%	25
Other Race Alone	83	0%	74
Two or More Races Alone	201	1%	70
Population by Sex			
Male	9,182	51%	285
Female	8,763	49%	261
Population by Age			
Age 0-4	969	5%	99
Age 0-17	4,211	23%	175
Age 18+	13,734	77%	252
Age 65+	2,981	17%	128

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 polygonal location
 Ring (buffer): 4-mile radius
 Description: LANL

	2011 - 2015 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	12,718	100%	244
Less than 9th Grade	192	2%	60
9th - 12th Grade, No Diploma	190	1%	55
High School Graduate	1,379	11%	99
Some College, No Degree	2,790	22%	142
Associate Degree	970	8%	89
Bachelor's Degree or more	8,167	64%	187
Population Age 5+ Years by Ability to Speak English			
Total	16,976	100%	356
Speak only English	13,935	82%	270
Non-English at Home ¹⁺²⁺³⁺⁴	3,041	18%	243
¹ Speak English "very well"	2,329	14%	169
² Speak English "well"	328	2%	222
³ Speak English "not well"	197	1%	112
⁴ Speak English "not at all"	186	1%	137
³⁺⁴ Speak English "less than well"	383	2%	154
²⁺³⁺⁴ Speak English "less than very well"	711	4%	222
Linguistically Isolated Households*			
Total	220	100%	90
Speak Spanish	143	65%	89
Speak Other Indo-European Languages	8	4%	13
Speak Asian-Pacific Island Languages	69	31%	37
Speak Other Languages	0	0%	11
Households by Household Income			
Household Income Base	7,620	100%	140
< \$15,000	476	6%	88
\$15,000 - \$25,000	223	3%	42
\$25,000 - \$50,000	1,106	15%	119
\$50,000 - \$75,000	765	10%	87
\$75,000 +	5,049	66%	156
Occupied Housing Units by Tenure			
Total	7,620	100%	140
Owner Occupied	5,654	74%	114
Renter Occupied	1,967	26%	119
Employed Population Age 16+ Years			
Total	14,368	100%	250
In Labor Force	9,277	65%	234
Civilian Unemployed in Labor Force	327	2%	58
Not In Labor Force	5,091	35%	179

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 polygonal location

Ring (buffer): 4-mile radius

Description: LANL

	2011 - 2015 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	16,976	100%	356
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.

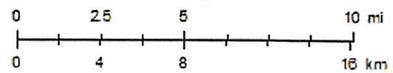
LANL Boundary 4 mile



April 20, 2018

- Buffer Area
- Digitized Polygon
- Project 1
- EPA Tribal Areas (1 of 4): Lower 48 States

1:288,895



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EPA CEI

EJSCREEN 2017