

Public Involvement Plan

for

**LOS ALAMOS NATIONAL LABORATORY
LOS ALAMOS COUNTY, NEW MEXICO
EPA ID# NM NM0890010515**

Hazardous Waste Management Activities

Prepared by:

Hazardous Waste Bureau
New Mexico Environment Department
Santa Fe, New Mexico

I. Public Involvement Plan Overview

The New Mexico Environment Department (NMED), Hazardous Waste Bureau (Bureau or HWB) has developed this Public Involvement Plan (PIP) for hazardous waste management activities required by 20.4.1.901 NMAC such as permit issuance, denial, permit renewal, permit modifications, and activities associated with FFCO and Consent Order at the Los Alamos National Laboratory (LANL or the Facility). The Permittees for LANL include U.S. Department of Energy (DOE), Triad National Security LLC (Triad), and Newport News Nuclear BWXT-Los Alamos, LLC (N3B).

LANL is located in Los Alamos County approximately 60 miles north-northeast of Albuquerque and 25 miles northwest of Santa Fe and occupies approximately 40 square miles. The Facility is situated on the Pajarito Plateau which consists of a series of finger-like mesas separated by deep east-west trending canyons. The Facility is divided up into small geographic areas known as technical areas (TAs).

This PIP integrates information about the community and identifies resources needed by the Bureau to successfully incorporate community participation activities into the decision-making process. The PIP identifies NMED staff and resources needed to accomplish these activities.

In developing this PIP, community participation needs at the site was assessed to ensure the appropriate promotion of public outreach by identifying whether there is a combination of environmental and demographic factors (*e.g.*, low income, minority, limited English proficiency, linguistically isolated households) that may affect public participation actions. This assessment identifies community outreach needs based on the type of activity and potential effects on the surrounding community and addresses the provision of public access to information about the activity.

To the extent possible, public participation and informational activities related to the implementation of this PIP will be held within the timelines outlined below. Public notice activities are subject to statutory or regulatory deadlines.

Draft documents issued for public comment will generally be made available for a 30 to 60-day period (depending upon regulatory requirements of a specific activity) to allow for formal public review and comments. Based on the demographics of the area, the Bureau will provide pertinent information in both English and Spanish for public notices, public informational meeting notices, and other announcements (*e.g.*, newspaper notices and mailings.).

The Bureau encourages the public to learn about and get involved in regulatory decision-making opportunities for these activities. The purpose of this PIP is to provide public participation opportunities and information that may be needed to participate in these activities.

This PIP was developed by the Hazardous Waste Bureau and may be amended to address specific actions at LANL after considering public comments and feedback. The Bureau will

make the final approval of the PIP and amendments.

II. Contacts

The Bureau point of contact for LANL hazardous waste-related activities is:

Neelam Dhawan, LANL Group Manager
NMED - Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6313

Phone: (505) 476-6000

E-Mail: neelam.dhawan@env.nm.gov

Hazardous Waste Bureau notices issued for public comment will include specific instructions for submitting comments related to these activities.

III. Assistance for Non-English Language Speakers and Persons with Disabilities

The Bureau will include information about how persons may request non-English speaker language assistance and accommodations for persons with disabilities (*e.g.*, deaf and/or non-English language interpreters) in public notices related to these activities. Public notices will direct public requests for assistance to the Bureau contact, who will notify the Department's Non-Discrimination Coordinator. Arrangements will be made by the Bureau for document translation, interpretation, or disability services related to the activity or proceeding, as necessary. The following information will be provided in public notices so that hearing-impaired callers and persons with a disability can contact the Bureau and ask questions about the activity or proceeding:

Toll-free numbers are available for Telecommunication Device for Deaf (TDD) or TeleType (TTY) users to access the New Mexico Relay Network at 1-800-659-1779 (voice); TTY users: 1-800-659-8331. HWB public notices will include Bureau contact information for persons with a disability who require assistance or auxiliary aid to participate in this process.

IV. Department Websites

Public notices and outreach materials will include links to the following websites:

New Mexico Environment Department - www.env.nm.gov

Hazardous Waste Bureau - www.env.nm.gov/hazardous-waste

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V. EJSSCREEN Summary

To assess the need to specifically reach and inform Limited English Proficient (LEP) community populations to encourage public participation, the Bureau utilized Environmental Justice mapping and screening (EJSCREEN) tool. EJSCREEN was developed by the U.S. Environmental Protection Agency (EPA). EJSCREEN provides up to twelve (12) environmental indexes and seven (7) demographic indexes. Through EJSCREEN, demographic data is available for 2016-2020 via the American Community Survey (ACS) (See Attachment A), the 2020 U.S. Census TIGER/Line data (See Attachment B).

To meet the search criteria specified in NMED policy 07-13, preliminary screening was conducted using EPA's EJSCREEN tool to generate reports from the ACS by tracing a line around the boundary of the Facility and then adding a four-mile radius around the LANL Facility boundary.

This report, which is included as Appendix A to this PIP, indicated that there are 8,006 households within a four-mile radius around the facility boundary (considered the affected community) and the per capita income for the population within a four-mile radius was \$56,754. The U.S. per capita income is \$37,638.

The total percent of the minority population within a four-mile radius was 30%, and percent of population by race was 83% white (18% of the population listed as white is Hispanic), 1% black, 2% American Indian, 5% Non-Hispanic Asian, and 7% identified as two or more races.

The percentage of linguistically isolated households within a four-mile radius was 4%. The portion of households who spoke Spanish was 37%, 55% spoke other Asian-Pacific Island languages, and the remaining 8% spoke other Indo-European languages. The results from the 4-mile radius ACS Report did not provide a breakdown of individual languages spoken at home.

The percentage of the population who were age 5+ who spoke only English or were able to speak English very well was 86%. These results indicate that for the affected community, the percentage of persons who speak English less than very well (3%) is considerably less than the state (5%) or national percentages (5%) based on 2020 U.S. census data.

4-Mile Radius: Population and Income Data			
Total Population	19,248	Per Capita Income of Community	\$56,754
Minority Population %	30%	US Per Capita Income	\$37,638*
Total Number of Households	8,006	Total Number of Linguistically Isolated Households	317 (~3.9%)**

(See Attachment A-EJSCREEN ACS Summary Report 2016-2020)

*US per capita income 2017-2022, <https://www.census.gov/quickfacts/fact/table/US/SEX255221> **Calculated by (Total number linguistically isolated household/ Total number households) *100

4-Mile Radius:			
Total Population by Race (%)		Population by ability to speak English (%)	
White	83%	Speaks only English	86%
Reporting as Hispanic	18%		
Black	1%	Non-English at Home	14%
American Indian	2%	Speaks English "very well"	11%
Asian	5%	Speaks English "well"	3%
Pacific Islander	0%	Speaks English "not well"	0%
Some Other Race	2%	Speaks English "not at all"	0%
Reporting Two or More	7%	Speaks English "less than very well"	3%

(See Attachment A-EJSCREEN ACS Summary Report 2016-2020)

4-Mile Radius:			
Linguistically Isolated Household Details (%)		List Other Languages (of total languages (p.2 of Report))	
Speaks English	86%	Not Applicable (NA)	
Speaks Other Indo-European Languages	4%	NA	
Speaks Asian Pacific Languages	55%	NA	
Speaks Other Languages	0%	NA	

(See Attachment A-EJSCREEN ACS Summary Report 2016-2020)

Based on the EJSCREEN results, along with the history of public involvement at the site and the site background, the Bureau has determined that public notice documents will provide basic information concerning public involvement opportunities in both English and Spanish. The Bureau has determined that information will be disseminated to American Indian communities by sending public notices to the members of those communities, and stakeholder groups on the Facility Mailing List. This information will include how to request materials in languages other than English or how to speak with Hazardous Waste Bureau staff through an interpreter.

VI. Public Participation Activities

The Bureau will conduct the following public participation and outreach activities associated with these activities:

- Postal mailings and email notices to the Facility mailing list
- Radio announcements
- Newspaper publications

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

The Hazardous Waste Bureau maintains a facility mailing list for LANL that includes individuals and local, state, and federal government and tribal agencies interested in RCRA-related facility

activities. The Bureau maintains contact information which is updated or supplemented if additional information becomes available. Individuals, organizations, and other interested parties are added to the list as requested. If the Bureau receives returned mail subsequent to the issuance of a public notice indicating the recipient is no longer at the listed address, the name may be removed from a facility mailing list.

VIII. Notices in the State Newspaper and Local Newspapers

Public notices that are required to be published in state and local newspapers will be published in English and Spanish in the Albuquerque Journal (state-wide circulation), the Los Alamos Daily Post, and the Santa Fe New Mexican. There is no local Spanish Language newspaper in New Mexico. The websites for these publications are listed below.

Albuquerque Journal: <https://www.abqjournal.com/>

Los Alamos Daily Post: <https://ladailypost.com/>

Santa Fe New Mexican: <https://www.santafenewmexican.com/>

IX. Public Notices

Public notices are issued for public comment periods related to various hazardous waste management activities, public informational meetings, and selected other public notifications. Public notices are mailed to persons included on the facility mailing list, published in the Albuquerque Journal, the Los Alamos Daily Post and the Santa Fe New Mexican, broadcast as public service announcements on the radio, and posted on the Hazardous Waste Bureau website. The notifications will be issued in Spanish and English. These notices will provide general information about the specific activity and contact information for submitting comments, and if held, the time and location of public informational meetings.

X. Public Comment Periods

The Hazardous Waste Bureau generally provides 30-60 days for public review and comment for these activities. The Hazardous Waste Bureau may extend the public comment period, if a request is received during the public comment period to extend the comment period based on significant interest. The Hazardous Waste Bureau will provide public notice of any extension to a public comment period as described in Section IX above.

XI. Public Information Meetings

The LANL facility is inaccessible to the public, access is restricted by fencing and security of the DOE which prohibits access by unauthorized persons.

Because the contact with the public, and therefore members of the public with limited English proficiency are infrequent, the Bureau does not plan to hold an additional public informational meeting to provide information regarding these activities and will publish the public notice for

this action in accordance with 20.4.1.901.C NMAC.

XII. Other Outreach

Depending on the cost and a radio station's public service broadcast availability, the Bureau may use commercial radio announcements or informational broadcasts in both Spanish and English.

Because contact with the public, and therefore members of the public with limited English proficiency are infrequent, the Bureau does not plan to provide additional public outreach for these activities.

XIII. Site Repositories

During the public comment period, in addition to information being posted on the Hazardous Waste Bureau website, copies of relevant documents will be accessible in print or online at the following location:

NMED Hazardous Waste Bureau
Rodeo Park Drive East, Building 1
Santa Fe, NM 87505
(505) 476-6000

<https://www.env.nm.gov/hazardous-waste/>

XIV. Responses to Comments

The HWB must ensure that the approved documents are consistent with the New Mexico Hazardous Waste Management Regulations. All written comments submitted will become part of the administrative record, will be considered in formulating a final decision, and may cause the document to be revised. The HWB will respond in writing to all significant public comments. The response will specify which provisions, if any, of the document have been changed in the final administrative decision, and the reasons for the change. This response will also be posted on the Bureau's website and the Bureau will notify all persons who have provided written comments.

After consideration of all written public comments received, the Bureau will approve or deny the document. If the Bureau disapproves the document, the Permittees will be provided by mail a copy of the disapproval and will be required to submit a revised document for Bureau approval. The Bureau will make the final response publicly available. All persons that provided written comments, or who requested notification in writing, will be notified of the final decision by mail.

ATTACHMENT A
EJSCREEN ACS Summary Report
4-Mile Radius
(2016-2020)

Location: User-specified polygonal location
 Ring (buffer): 4-miles radius
 Description: LANL Facility- Mile Buffer

Summary of ACS Estimates		2016 - 2020
Population		19,248
Population Density (per sq. mile)		78
People of Color Population		5,680
% People of Color Population		30%
Households		8,006
Housing Units		8,532
Housing Units Built Before 1950		773
Per Capita Income		56,754
Land Area (sq. miles) (Source: SF1)		245.93
% Land Area		100%
Water Area (sq. miles) (Source: SF1)		0.59
% Water Area		0%

	2016 - 2020 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	19,248	100%	526
Population Reporting One Race	17,895	93%	1,209
White	16,021	83%	530
Black	153	1%	102
American Indian	378	2%	286
Asian	935	5%	139
Pacific Islander	0	0%	13
Some Other Race	409	2%	139
Population Reporting Two or More Races	1,353	7%	174
Total Hispanic Population	3,491	18%	221
Total Non-Hispanic Population	15,758		
White Alone	13,569	70%	529
Black Alone	153	1%	102
American Indian Alone	353	2%	286
Non-Hispanic Asian Alone	935	5%	139
Pacific Islander Alone	0	0%	13
Other Race Alone	8	0%	13
Two or More Races Alone	741	4%	166
Population by Sex			
Male	9,774	51%	241
Female	9,475	49%	400
Population by Age			
Age 0-4	984	5%	95
Age 0-17	4,355	23%	195
Age 18+	14,894	77%	269
Age 65+	3,385	18%	161

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 polygonal location
 Ring (buffer): 4-miles radius
 Description: LANL Facility- Mile Buffer

	2016 - 2020 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	13,658	100%	307
Less than 9th Grade	95	1%	42
9th - 12th Grade, No Diploma	177	1%	52
High School Graduate	1,399	10%	180
Some College, No Degree	1,923	14%	183
Associate Degree	932	7%	101
Bachelor's Degree or more	9,133	67%	219
Population Age 5+ Years by Ability to Speak English			
Total	18,265	100%	477
Speak only English	15,661	86%	361
Non-English at Home ¹⁺²⁺³⁺⁴	2,604	14%	256
¹ Speak English "very well"	2,000	11%	163
² Speak English "well"	531	3%	233
³ Speak English "not well"	63	0%	49
⁴ Speak English "not at all"	10	0%	25
³⁺⁴ Speak English "less than well"	73	0%	49
²⁺³⁺⁴ Speak English "less than very well"	604	3%	233
Linguistically Isolated Households*			
Total	317	100%	78
Speak Spanish	117	37%	53
Speak Other Indo-European Languages	24	8%	36
Speak Asian-Pacific Island Languages	174	55%	77
Speak Other Languages	1	0%	51
Households by Household Income			
Household Income Base	8,006	100%	162
< \$15,000	260	3%	60
\$15,000 - \$25,000	190	2%	59
\$25,000 - \$50,000	783	10%	92
\$50,000 - \$75,000	829	10%	85
\$75,000 +	5,944	74%	181
Occupied Housing Units by Tenure			
Total	8,006	100%	162
Owner Occupied	5,864	73%	163
Renter Occupied	2,142	27%	116
Employed Population Age 16+ Years			
Total	15,428	100%	310
In Labor Force	10,680	69%	303
Civilian Unemployed in Labor Force	377	2%	67
Not In Labor Force	4,748	31%	192

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 polygonal location
 Ring (buffer): 4-miles radius
 Description: LANL Facility- Mile Buffer

	2016 - 2020 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	17,668	100%	492
English	14,987	85%	518
Spanish	1,314	7%	153
French, Haitian, or Cajun	33	0%	41
German or other West Germanic	112	1%	70
Russian, Polish, or Other Slavic	168	1%	82
Other Indo-European	93	1%	72
Korean	56	0%	61
Chinese (including Mandarin, Cantonese)	450	3%	127
Vietnamese	5	0%	18
Tagalog (including Filipino)	98	1%	110
Other Asian and Pacific Island	120	1%	62
Arabic	0	0%	18
Other and Unspecified	233	1%	88
Total Non-English	2,681	15%	713

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.

ATTACHMENT B
2022 Census Bureau Quick Facts
(Version 2022)

Please note that new Connecticut county level geographies are not available within the map.





















 An official website of the United States government




QuickFacts
United States

QuickFacts provides statistics for all states and counties, and for cities and towns with a *population of 5,000 or more*.

Table

All Topics 	United States
Female persons, percent	 50.5%
PEOPLE	
Population	
Population Estimates, July 1, 2022, (V2022)	 333,287,557
Population Estimates, July 1, 2021, (V2021)	 332,031,554
Population estimates base, April 1, 2020, (V2022)	 331,449,520
Population estimates base, April 1, 2020, (V2021)	 331,449,520
Population, percent change - April 1, 2020 (estimates base) to July 1, 2022, (V2022)	 0.6%
Population, percent change - April 1, 2020 (estimates base) to July 1, 2021, (V2021)	 0.2%
Population, Census, April 1, 2020	331,449,281
Population, Census, April 1, 2010	308,745,538
Age and Sex	
Persons under 5 years, percent	 5.7%
Persons under 18 years, percent	 22.2%
Persons 65 years and over, percent	 16.8%
Female persons, percent	 50.5%
Race and Hispanic Origin	
White alone, percent	 75.8%
Black or African American alone, percent (a)	 13.6%
American Indian and Alaska Native alone, percent (a)	 1.3%
Asian alone, percent (a)	 6.1%
Native Hawaiian and Other Pacific Islander alone, percent (a)	 0.3%
Two or More Races, percent	 2.9%
Hispanic or Latino, percent (b)	 18.9%
White alone, not Hispanic or Latino, percent	 59.3%
Population Characteristics	
Veterans, 2017-2021	17,431,290
Foreign born persons, percent, 2017-2021	13.6%
Housing	
Housing units, July 1, 2021, (V2021)	142,153,010
Owner-occupied housing unit rate, 2017-2021	64.6%
Median value of owner-occupied housing units, 2017-2021	\$244,900
Median selected monthly owner costs -with a mortgage, 2017-2021	\$1,697
Median selected monthly owner costs -without a mortgage, 2017-2021	\$538
Median gross rent, 2017-2021	\$1,163
Building permits, 2021	1,736,982
Families & Living Arrangements	
Households, 2017-2021	124,010,992
Persons per household, 2017-2021	2.60
Living in same house 1 year ago, percent of persons age 1 year+, 2017-2021	86.6%
Language other than English spoken at home, percent of persons age 5 years+, 2017-2021	21.7%
Computer and Internet Use	
Households with a computer, percent, 2017-2021	93.1%
Households with a broadband Internet subscription, percent, 2017-2021	

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Education	
High school graduate or higher, percent of persons age 25 years+, 2017-2021	88.9%
Bachelor's degree or higher, percent of persons age 25 years+, 2017-2021	33.7%
Health	
With a disability, under age 65 years, percent, 2017-2021	8.7%
Persons without health insurance, under age 65 years, percent	△ 9.8%
Economy	
In civilian labor force, total, percent of population age 16 years+, 2017-2021	63.1%
In civilian labor force, female, percent of population age 16 years+, 2017-2021	58.7%
Total accommodation and food services sales, 2017 (\$1,000) (c)	938,237,077
Total health care and social assistance receipts/revenue, 2017 (\$1,000) (c)	2,527,903,275
Total transportation and warehousing receipts/revenue, 2017 (\$1,000) (c)	895,225,411
Total retail sales, 2017 (\$1,000) (c)	4,949,601,481
Total retail sales per capita, 2017 (c)	\$15,224
Transportation	
Mean travel time to work (minutes), workers age 16 years+, 2017-2021	26.8
Income & Poverty	
Median household income (in 2021 dollars), 2017-2021	\$69,021
Per capita income in past 12 months (in 2021 dollars), 2017-2021	\$37,638
Persons in poverty, percent	△ 11.6%
BUSINESSES	
Businesses	
Total employer establishments, 2020	8,000,178
Total employment, 2020	134,163,349
Total annual payroll, 2020 (\$1,000)	7,564,809,878
Total employment, percent change, 2019-2020	0.9%
Total nonemployer establishments, 2019	27,104,006
All employer firms, Reference year 2017	5,744,643
Men-owned employer firms, Reference year 2017	3,480,438
Women-owned employer firms, Reference year 2017	1,134,549
Minority-owned employer firms, Reference year 2017	1,014,958
Nonminority-owned employer firms, Reference year 2017	4,371,152
Veteran-owned employer firms, Reference year 2017	351,237
Nonveteran-owned employer firms, Reference year 2017	4,968,606
GEOGRAPHY	
Geography	
Population per square mile, 2020	93.8
Population per square mile, 2010	87.4
Land area in square miles, 2020	3,533,038.28
Land area in square miles, 2010	3,531,905.43
FIPS Code	1

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Value Notes

 Estimates are not comparable to other geographic levels due to methodology differences that may exist between different data sources.

Some estimates presented here come from sample data, and thus have sampling errors that may render some apparent differences between geographies statistically indistinguishable.] Click the Quick Info  icon to the left of each row in T learn about sampling error.

In Vintage 2022, as a result of the formal request from the state, Connecticut transitioned from eight counties to nine planning regions. For more details, please see the Vintage 2022 release notes available here: [Release Notes](#).

The vintage year (e.g., V2022) refers to the final year of the series (2020 thru 2022). Different vintage years of estimates are not comparable.

Users should exercise caution when comparing 2017-2021 ACS 5-year estimates to other ACS estimates. For more information, please visit the [2021 5-year ACS Comparison Guidance](#) page.





Fact Notes

- (a) Includes persons reporting only one race
- (b) Hispanics may be of any race, so also are included in applicable race categories
- (c) Economic Census - Puerto Rico data are not comparable to U.S. Economic Census data

Value Flags


- D** Suppressed to avoid disclosure of confidential information
- F** Fewer than 25 firms
- FN** Footnote on this item in place of data
- NA** Not available
- S** Suppressed; does not meet publication standards
- X** Not applicable
- Z** Value greater than zero but less than half unit of measure shown
- Either no or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest or upper interval of an open end
- N** Data for this geographic area cannot be displayed because the number of sample cases is too small.



QuickFacts data are derived from: Population Estimates, American Community Survey, Census of Population and Housing, Current Population Survey, Small Area Health Insurance Estimates, Small Area Income and Poverty Estimates, State Housing Unit Estimates, County Business Patterns, Nonemployer Statistics, Economic Census, Survey of Business Owners, Building Permits.

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