

**COMMUNITY ENGAGEMENT PLAN
ABANDONED URANIUM MINE RECLAMATION
MOE NO. 4 MINE
AMBROSIA LAKE MINING DISTRICT, NEW MEXICO**

Prepared for:



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Office of the Secretary
Office of Strategic Initiatives
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ACRONYMS

ADA	Americans with Disabilities Act
CEP	Community Engagement Plan
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
DOE	Department of Energy
DRUM	Defense-Related Uranium Mines
EJ	Environmental Justice
EMNRD	Energy, Minerals, and Natural Resources Department
EPA	U.S. Environmental Protection Agency
FAQ	Frequently Asked Questions
LEP	Limited English Proficiency
MASE	Multicultural Alliance for a Safe Environment
NMED	New Mexico Environment Department
PIP	Public Involvement Plan
POC	point of contact
SLO	New Mexico State Land Office
SMA	Souder, Miller & Associates
SRIC	Southwest Research and Information Center
TEK	Tribal Ecological Knowledge
THPO	Tribal Historic Preservation Office
USACE	United States Army Corps of Engineers

1.0 INTRODUCTION

The purpose of this Community Engagement Plan (CEP) is to ensure that residents, Tribal governments, land grant communities, and other stakeholders have meaningful opportunities to participate in decision-making for the remediation of the Moe No. 4 uranium mine (NM0168) in McKinley County, New Mexico. This CEP provides a roadmap for how the New Mexico Environment Department (NMED) will share information, solicit feedback, and respond to community input throughout all phases of project work.

This plan is prepared in accordance with NMED Public Participation Policy 07-13, which establishes minimum standards for public engagement and language access; the New Mexico Mining Act (19.10 New Mexico Administrative Code [NMAC]), which requires public notice, comment, and hearing opportunities for mine reclamation activities; and federal community involvement guidance under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), where applicable. It supports NMED's broader mission to promote environmental protection, public health, and equitable access to decision-making, especially for communities historically impacted by uranium mining.

2.0 SITE OVERVIEW

The Moe No. 4 uranium mine, situated in McKinley County, New Mexico, was developed during the peak of mid-20th-century uranium exploration and production. Features at the site include waste rock piles, a collapsed mine decline, and remnants of associated mining infrastructure, reflecting its historical role in regional uranium development.

In 2008, a field survey conducted by the Souder, Miller & Associates (SMA) on behalf of the New Mexico Energy, Minerals, and Natural Resources Department (EMNRD) identified elevated radiation levels and structural stability concerns at the site (SMA, 2008). The 2011 Pre-CERCLIS Screening Assessment recommended further investigation under CERCLA due to these elevated readings and site conditions (NMED, 2011). In 2017 and 2018, Navarro Research and Engineering, Inc. conducted a Defense-Related Uranium Mines (DRUM) inventory and completed a Verification and a Validation report for the Site (Department of Energy [DOE], 2019); this work was performed for the DOE Office of Legacy Management. In 2024, the EPA's Superfund strategy review reaffirmed the need for remediation planning and emphasized stakeholder engagement (EPA, 2024a). Together, these assessments form the technical foundation for future reclamation efforts.

3.0 REGULATORY AND POLICY FRAMEWORK FOR COMMUNITY ENGAGEMENT

Engagement for Moe No. 4 is guided by state and federal frameworks, including NMED Policy 07-13, the New Mexico Mining Act Implementation Rules (19.10 NMAC), and CERCLA community involvement guidance. These frameworks outline public notice, comment, and hearing requirements while emphasizing accessibility, cultural sensitivity, and informed decision-making. This CEP builds upon the Public Involvement Plan (PIP) by incorporating additional analysis, community feedback strategies, and cultural context. The PIP is included as Attachment 1 for reference.

3.1 Public Participation Policy (Policy 07-13)

The NMED’s Public Participation Policy (Policy 07-13) establishes minimum requirements for community involvement in environmental decision-making. The policy outlines expectations for public notices, opportunities for comment, public meetings or hearings, and accessibility measures, including interpretation, translation, and disability accommodations. Policy 07-13 emphasizes early and meaningful outreach, with a focus on building trust and providing clear information to affected communities (NMED, 2022).

3.2 Mining Act Requirements (19.10 NMAC)

The New Mexico Mining Act (19.10 NMAC) governs the permitting, reclamation, and closure of hard rock mines, including legacy uranium mine sites. Sections 19.10.9.902–.904 NMAC outline requirements for public notice of permit applications, comment periods, and hearings, ensuring opportunities for community members, Tribal governments, and other stakeholders to participate in reviewing and shaping reclamation plans. These rules are central to the development of site-specific PIPs and CEPs for uranium mine remediation projects (19.10 NMAC).

3.3 CERCLA/Superfund Involvement Principles

Although Moe No. 4 is not an active Superfund site, engagement efforts align with CERCLA and EPA Superfund Community Involvement Policy. These principles emphasize early and continuous engagement, accessible information sharing, and a transparent decision-making process. CERCLA-driven approaches also encourage proactive outreach to overburdened communities and the integration of local input into site investigation and remedy selection (EPA, 2016).

3.4 Environmental Justice and Title VI Compliance

Environmental justice (EJ) and civil rights principles continue to guide outreach and engagement activities for Moe No. 4. Former Executive Order 12898, revoked in January 2025, previously directed federal and state agencies to consider disproportionate environmental and health impacts on minority and low-income communities. Title VI of the Civil Rights Act of 1964 remains in effect, mandating nondiscrimination in federally funded programs. NMED incorporates these principles through language access planning, translation and interpretation services, and culturally appropriate outreach strategies. The use of EPA’s EJSCREEN tool and a detailed Limited English Proficiency (LEP) assessment ensures that engagement activities address barriers to participation and promotes equitable opportunities for all affected community members (EPA, 2022; NMED, 2022).

4.0 COMMUNITY PROFILE AND EJ ANALYSIS

4.1 Demographics and EJSCREEN Results

According to EPA’s EJSCREEN 2024 report (Attachment 2) for the 5-mile radius surrounding Moe No. 4, approximately 76% of residents identify as American Indian and 17% as Hispanic or Latino. The community has a per capita income of approximately \$16,800, well below state and national averages, with 64% of households considered low-income, and 15% unemployment (EPA, 2024b). The EJSCREEN dataset represents approximately 42 residents in 23 households, providing a snapshot of demographic and environmental conditions (EPA, 2024b). Elevated poverty and unemployment rates, combined with ongoing health disparities tied to historical uranium mining exposure, highlight the importance of culturally sensitive engagement and equitable access to remediation information.

4.2 LEP Assessment Summary

An LEP assessment was conducted for Moe No. 4 in accordance with NMED Policy 07-13 and Title VI of the Civil Rights Act. The analysis shows that 6% of households are limited English speaking and highlighted potential needs for interpretation in Native languages such as Diné (Navajo) and Acoma Keres (NMED, 2025). This information is detailed in Attachment 3. All procedures for providing translation, interpretation, and other accommodations are described in Section 12.0 – Accessibility and LEP Plan.

4.3 Nearby Tribal and Land Grant Entities

The Moe No. 4 site is within the Ambrosia Lake subdistrict of the Grants Mining District, and is located near several Tribal and land grant communities:

- Pueblo of Laguna – Approximately 10–15 miles southeast of the site.
- Pueblo of Acoma – Approximately 15–20 miles southeast of the site.
- Navajo Nation – Extends across McKinley County, with lands and communities near the San Mateo Creek Basin.
- Cubero and Cebolleta Land Grants – Historical Spanish/Mexican-era land grants that serve as political subdivisions of the State of New Mexico; both land grants are adjacent to project activities and represent residents with longstanding cultural ties to the area.

Local governments that will be engaged include the City of Grants, Village of Milan, McKinley County, and Cibola County. A detailed contact list of Tribal, land grant, and municipal representatives is provided in Attachment 4 of this plan (NMED, 2025).

4.4 Community Values and Concerns

The Ambrosia Lake Mining District has a long history of uranium exploration and production, leaving a legacy of environmental and cultural impacts that continue to shape community concerns. Cultural and spiritual connections to the land are central to local identity, especially for Tribal nations and land grant heirs, who hold deep stewardship responsibilities for traditional lands. Community members have expressed interest in understanding contamination risks, water quality impacts, and the long-term safety of reclamation efforts, underscoring the need for clear, accessible outreach materials and ongoing engagement.

5.0 STAKEHOLDER IDENTIFICATION

The remediation of Moe No. 4 involves a diverse group of stakeholders who contribute to decision-making, regulatory oversight, cultural stewardship, and community engagement. This section identifies agencies, governments, organizations, and residents who will play an active role in shaping the project’s success. The table below summarizes all agencies, Tribal governments, land grants, and organizations involved in Moe No. 4 engagement. These entities will be consulted or informed based on their jurisdiction, cultural stewardship responsibilities, or interest in site restoration. This table is the primary reference for outreach planning; Section 9 outlines detailed roles and responsibilities.

Table 1. Stakeholder Summary Table

Stakeholder Group	Key Entities	Role in Project	Engagement Level
State Agencies	NMED, EMNRD	Lead project oversight, assessments, and reclamation planning	Lead / Decision-Maker

Stakeholder Group	Key Entities	Role in Project	Engagement Level
Federal Agencies	EPA, DOE, USACE	Technical oversight, engineering support, Tribal engagement	Collaborate / Consult
Local Governments	City of Grants, Village of Milan, McKinley County, Cibola County	Community coordination, emergency planning, public outreach	Collaborate / Consult
Tribal Governments	Pueblo of Laguna, Pueblo of Acoma, Navajo Nation, Pueblo of Zuni (as needed)	Government-to-government consultation, cultural resource protection	Formal Consultation / Collaborate
Land Grants	Cubero Land Grant, Cebolleta Land Grant	Community representation, cultural and historical stewardship	Consult / Inform
Community Organizations	MASE, SRIC, local cultural and health organizations	Advocacy, technical review, community education	Collaborate / Consult
General Public & Residents	Residents within a 5-mile radius, Grants Mining District communities	Provide local knowledge, feedback, and input on reclamation efforts	Inform / Engage

Notes:

DOE = Department of Energy

MASE = Multicultural Alliance for a Safe Environment

SLO = New Mexico State Land Office

SRIC = Southwest Research and Information Center

USACE = United States Army Corps of Engineers

The following subsections provide additional detail on each stakeholder group, outlining their specific responsibilities, consultation requirements, and contributions to the Moe No. 4 remediation process.

6.0 ENGAGEMENT OBJECTIVES AND PRINCIPLES

Community engagement for Moe No. 4 is guided by NMED Public Participation Policy 07-13, the New Mexico Mining Act (19.10 NMAC), and federal engagement standards under Title VI. The following objectives ensure transparency, cultural respect, and equitable participation throughout remediation planning and implementation:

- Early and Transparent Communication — NMED will provide timely, clear information at every project stage, ensuring frequent updates on site conditions, investigations, and reclamation plans (NMED, 2022).
- Cultural Respect — Engagement will reflect the historical context of uranium mining and incorporate cultural protocols, Traditional Ecological Knowledge (TEK), and input from Tribal Historic Preservation Offices (THPOs) (EPA, 2016).
- Equitable Participation — Outreach will include translation, interpretation, and Americans with Disabilities Act (ADA)-compliant venues, guided by the LEP assessment (Attachment 3) and EJSCREEN data to address environmental justice needs (EPA, 2024b; NMED, 2025).
- Trust and Long-Term Partnerships — The CEP prioritizes relationship-building with Tribes, land grants, and community organizations to ensure lasting collaboration beyond project completion (NMED, 2025).

These objectives form the foundation of all engagement activities and are intended to ensure that decision-making is transparent, culturally appropriate, and inclusive of the communities most affected by uranium legacy issues.

7.0 ENGAGEMENT METHODS AND TOOLS

Outreach for the Moe No. 4 remediation project will use a mix of traditional and digital communication tools to ensure transparency, accessibility, and broad participation. These methods are aligned with NMED Public Participation Policy 07-13 and best practices under CERCLA community involvement guidance (EPA, 2016; NMED, 2022). Together, these tools ensure that engagement for Moe No. 4 is transparent, culturally responsive, and accessible to all affected communities. Details on regulatory notice requirements and engagement commitments are provided in the Moe No. 4 PIP, which is included as Attachment 1 to this document for reference.

7.1 Public Notices

Required public notices will be distributed through multiple channels to reach diverse audiences. Notices will be published in local and regional newspapers, broadcast on community radio stations, and posted on NMED’s website and social media platforms. Signage will be placed near the site and at high-traffic community locations. Mailed notices will be sent to nearby residents and stakeholders, and additional notices will be distributed through Tribal and land grant communication networks (NMED, 2025).

7.2 Meetings and Hearings

Public engagement will include one weekday evening and one Saturday meeting to accommodate varying schedules, with virtual participation options offered where possible. Public hearings will be held in accordance with 19.10.9 NMAC requirements. Interpretation and translation services are available upon request; see Section 12.0 – Accessibility and LEP Plan for detailed procedures.

7.3 Informational Materials

Project updates and technical information will be shared through plain-language materials such as fact sheets, frequently asked questions (FAQ), maps, newsletters, and project summaries. Materials will include clear descriptions of site history, contamination concerns, and reclamation plans. All materials will be made available online and at local repositories, including the Grants Public Library and New Mexico State University Grants Library (NMED, 2025).

7.4 Website and Digital Resources

NMED’s Public Notices webpage will serve as the central hub for information on Moe No. 4, including downloadable project documents, meeting announcements, and comment submission links. Where feasible, meeting recordings or summaries will be posted to increase accessibility for those unable to attend in person (NMED, 2022).

7.5 Community Liaisons

Dedicated NMED staff will serve as community liaisons, coordinating communication with Tribal governments, land grants, local governments, and residents. These liaisons will facilitate relationship-building, help address barriers to participation, and ensure that local concerns are elevated in decision-making (EPA, 2016; NMED, 2025).

8.0 PUBLIC INVOLVEMENT ACTIVITIES AND SCHEDULE

Public involvement for Moe No. 4 consists of mandated activities required by Policy 07-13 and the Mining Act (19.10 NMAC), as well as supplemental outreach efforts designed to reach broader audiences. The tables below summarize required notices and hearings, additional outreach

strategies, and the anticipated project schedule. Together, these tools provide a clear structure for coordinating engagement activities.

8.1 Mandated Public Involvement Activities

The table below summarizes all public involvement activities required by regulation, including notice types, comment periods, and hearing requirements. These actions form the baseline for public engagement, ensuring consistent compliance with state and federal standards.

Table 2. Mandated Public Involvement Activities

Activity	Description	Regulatory Authority
Public Notice of Application (PN-1)	Newspaper, online, and mailed notice announcing project application or permit action.	19.10.9.902 NMAC; Policy 07-13
Public Comment Period	Minimum 30-day comment period following PN-1 to collect public input.	19.10.9.903 NMAC; Policy 07-13
Public Hearing (if requested or required)	Formal hearing to receive testimony and address public comments.	19.10.9.904 NMAC; Policy 07-13
Final Decision Notice (PN-2)	Notification of the department’s decision, posted online and mailed to stakeholders.	19.10.9.902 NMAC; Policy 07-13
Accessibility Requirements	ADA accommodations, interpretation, and translation services provided upon request.	Title VI; Policy 07-13

These mandated activities set a strong regulatory foundation for transparency and participation, ensuring that residents, Tribal nations, and local entities have formal opportunities to influence decision-making.

8.2 Supplemental Outreach Activities

Beyond legal requirements, NMED is committed to going further by implementing additional outreach efforts designed to build trust and meet the needs of historically impacted communities. The table below outlines supplemental strategies that will provide additional access points for engagement, especially for Tribal nations, land grants, and rural residents.

Table 3. Supplemental Outreach Activities

Activity	Purpose
Fact Sheets and FAQs	Plain-language summaries of project history, risks, and next steps.
Public Meetings (weekday evening & Saturday)	Opportunities to discuss site conditions, reclamation planning, and collect feedback.
Site Tours (as feasible)	Field visits for Tribal representatives, local officials, and key stakeholders.
Project Website Updates	Posting of notices, downloadable materials, meeting recordings, and comment portals.
Newsletters and Mailers	Periodic updates distributed by mail or email.
Signage at Site and Community Centers	Local awareness for residents who may not access digital media.

These supplemental activities are designed to promote equity and trust by providing multiple opportunities for meaningful involvement beyond the minimum requirements.

8.3 Project Timeline

The timeline below illustrates key milestones for planning, engagement, and implementation phases of Moe No. 4 remediation. It highlights anticipated comment periods, meetings, and decision points while allowing flexibility to adjust dates as needed based on community input, agency reviews, and field conditions.

Table 4. Anticipated Timeline of Public Involvement Activities and Key Milestones

Milestone	Estimated Date	Engagement Activity
Draft Document(s) Completed	Winter 2025	Notification to Tribal and land grant partners.
Public Notice of Application (PN-1)	Early Spring 2026	Start of 30-day comment period.
Public Meetings	Early Spring 2026	Weekday evening and Saturday sessions; interpretation available.
Comment Period Close	Spring 2026	Compilation and response to comments.
Public Hearing (if requested)	To be scheduled	Hearing notice published at least 30 days in advance.
Reclamation Implementation	2026	Periodic newsletters and online updates as needed.
Post-Reclamation Closeout Survey	2026	Public notice and summary report.
Long-Term Monitoring Plan Finalized	2026	Publication of final plan and future engagement schedule.

This schedule is designed to organize project milestones, regulatory deadlines, and anticipated engagement opportunities in one reference. It serves as a planning tool for coordinating outreach activities and aligning project actions with statutory requirements.

9.0 ROLES AND RESPONSIBILITIES

Clear roles and responsibilities ensure that the Moe No. 4 remediation project is managed effectively, that engagement activities meet regulatory and community expectations, and that communication between agencies, Tribal governments, and the public remains consistent. The primary point of contact (POC) is Mr. Jorge Munoz-Negron, Uranium Project Lead with the NMED. Secondary POCs include Kate Cardenas, Community Engagement Coordinator with NMED, and Ashley Arrossa, Project Manager for INTERA Incorporated. Their contact information is summarized below.

Table 5. Primary Project POCs

Name	Role and Organization	E-mail	Phone Number
Jorge A. Munoz-Negron	Uranium Project Lead, NMED	jorge.munoz-negron@env.nm.gov	505-690-5897
Kate Cardenas	Community Engagement Coordinator, NMED	kate.cardenas@env.nm.gov	505-469-0732
Ashley Arrossa	Project Manager, INTERA Incorporated	aarrossa@intera.com	505-832-3168

These contacts are the primary resource for community members, Tribal entities, and stakeholders seeking project information, technical updates, or engagement support. In addition to these designated POCs, a broader team of NMED staff and contractors supports technical, regulatory, and outreach work. The table below outlines key project roles and responsibilities to clarify communication and decision-making pathways.

Table 6. Roles and Responsibilities

Role	Agency	Primary Responsibilities
Division Director	NMED	Provides executive oversight, approves key decisions, and ensures accountability.
Project Contact	NMED – Uranium Mine Reclamation Program	Serves as the primary point of contact, coordinates agency communication, and oversees regulatory compliance.

Role	Agency	Primary Responsibilities
Project Manager	Contractor	Leads day-to-day project management, scheduling, field activities, and technical reporting.
Tribal Liaison	NMED	Coordinates government-to-government consultation and integrates cultural considerations.
Outreach Specialist	Contractor	Designs and executes outreach activities, manages notices, meetings, and comment tracking
Federal Lead Contacts	EPA Region 6, BIA, DOE, USACE	Offers technical review, interagency coordination, and guidance under CERCLA and other federal programs.

This structure ensures clear accountability for technical oversight, regulatory compliance, and engagement. Roles and contacts will be updated as staffing assignments or project phases change to maintain accuracy.

10.0 CULTURAL SENSITIVITY AND TRIBAL ENGAGEMENT STRATEGY

Engagement with Tribal nations is central to the Moe No. 4 remediation process and will be conducted in accordance with Executive Order 13175, the New Mexico State-Tribal Collaboration Act (NMSA 1978, §11-18-1), and NMED Policy 07-13. The project team will coordinate directly with Tribal councils and THPOs to ensure meaningful consultation and respect for cultural values.

- Consultation Protocols — Formal invitations will be extended to Tribal leadership of the Pueblo of Laguna, Pueblo of Acoma, Navajo Nation, and other Tribal governments as needed, following established government-to-government protocols. Meetings will be scheduled at times and locations preferred by Tribal representatives.
- THPO and TEK Coordination — THPO staff will be engaged early to review project plans, evaluate impacts on cultural and spiritual resources, and incorporate TEK into reclamation strategies.
- Cultural and Spiritual Resource Protection — Field activities will respect cultural sites, landscapes, and spiritual areas, with input from Tribal leaders to avoid or minimize disturbance. Cultural sensitivity training will be provided for staff and contractors.

This approach emphasizes ongoing, respectful collaboration with Tribal governments to ensure reclamation decisions honor cultural heritage and traditional land stewardship practices (EPA, 2016; NMED, 2025).

11.0 FEEDBACK COLLECTION AND DOCUMENTATION

A structured approach to collecting and documenting community input is essential for compliance with Policy 07-13 and the New Mexico Mining Act, and for maintaining transparency in decision-making. Public comments will be accepted through multiple channels, including email, written mail, comment boxes at local repositories, and verbal testimony at meetings. All feedback will be logged, analyzed, and addressed in formal response-to-comment summaries, which will clearly document how input influenced project decisions. These summaries will be made available online and at local repositories to ensure transparency and public accessibility.

12.0 ACCESSIBILITY AND LEP PLAN

Ensuring full accessibility is a central component of this plan and is required under Title VI of the Civil Rights Act of 1964, the ADA, and NMED Public Participation Policy 07-13. This section establishes clear procedures for responding to accommodation requests, including translation and

interpretation, to ensure equitable participation for all members of the Moe No. 4 project area.

12.1 Translation and Interpretation

Spanish translation will be automatically included in all public notices published in newspapers. Additional translation services, including Spanish translation of meeting materials, handouts, fact sheets, or technical summaries, as well as interpretation in Native languages such as Diné and Acoma Keres, will be provided upon request. NMED will use internal bilingual staff whenever possible and will coordinate with contracted vendors or phone-based interpretation services if additional support is needed.

If live interpretation is requested and cannot be secured, NMED will provide alternative solutions, such as translated presentation slides, post-event summaries, or phone-based interpretation. These measures ensure that participants can access project information even when in-person interpretation is not immediately available.

12.2 Accessibility Standards

All meetings will be held in ADA-compliant venues with wheelchair access, clear signage, accessible restrooms and seating. Materials will be available in large print or alternative formats upon request, and outreach materials will be written in plain language with visuals to ensure clarity for diverse audiences. These measures reinforce NMED's commitment to removing participation barriers and ensuring that project information is accessible to all community members.

12.3 Documentation Process

All requests for translation, interpretation, or other accommodations will be logged in an Accommodation Request Log (Attachment 5), noting the date, requester, and type of service needed. Efforts to secure interpretation, including vendor contacts, scheduling attempts, and outcomes, will be recorded in a Translator Outreach Documentation Form (Attachment 6). Together, these records demonstrate NMED's good-faith compliance with accessibility policies and create a transparent record of efforts to provide equitable participation opportunities.

12.4 Monitoring and Evaluation

Accommodation requests and interpretation efforts will be reviewed regularly to measure the effectiveness of outreach strategies and identify service gaps. Data from the Accommodation Request Log and Translator Outreach Documentation Form will inform updates to engagement practices, ensuring accessibility commitments are met. Metrics such as meeting attendance, comment trends, and consultation milestones will be tracked and analyzed, allowing NMED to adjust resources and improve participation opportunities over time.

13.0 MONITORING AND EVALUATION OF ENGAGEMENT

Regular evaluation of engagement activities is essential to ensure that this CEP remains effective, inclusive, and responsive to evolving community needs. NMED will use a structured approach to track participation, measure the impact of outreach strategies, and adjust future activities based on results. The table below summarizes the primary metrics, collection methods, and responsible parties. This ensures that evaluation is systematic and tied directly to plan improvements.

Table 7. Summary of Evaluation Metrics

Metric	How It's Collected	How It Informs Updates
Meeting attendance	Sign-in sheets, virtual attendance logs	Provides information to determine meeting locations, timing, and confirm effective formats.
Comment volume & themes	Comment tracking spreadsheets, coded summaries	Provides insight to prioritize recurring concerns and guide messaging or technical actions.
LEP participation requests	Pre-registration forms, on-site requests	Provides data to expand translation and interpretation services where needed.
Website engagement	Page views, downloads, form submissions	Provides analytics to evaluate communication channels and adjust resource allocation.
Tribal consultation milestones	Consultation records, THPO feedback logs	Provides confirmation that consultation frequency and content meet Tribal expectations.

14.0 CONCLUSION

This CEP will guide communication and outreach throughout all phases of the Moe No. 4 remediation effort. It is a working document that will be revised as project milestones are achieved, regulatory requirements change, or community feedback identifies the need for additional engagement. By maintaining this plan as a current and practical reference, NMED will ensure that outreach remains consistent, transparent, and responsive to the needs of Tribal nations, local governments, and community members impacted by legacy uranium mining activities.

15.0 REFERENCES

- DOE. (2019). *Defense-Related Uranium Mines Verification and Validation Report, DOE Mine Name: Sec 32 13N 9W, LM Mine ID: 644, State of New Mexico, LMS/DRM/S20505*. Prepared for DOE by Navarro Research and Engineering, Inc. June.
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- NMED. (2025). *Moe No. 4 Public Involvement Plan*. Uranium Mine Reclamation Program.
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ATTACHMENTS

ATTACHMENT 1

Public Involvement Plan

Site: Moe No. 4 (NM0168)

The PIP outlines regulatory requirements for public notices, comment periods, and hearings under the New Mexico Mining Act and NMED Policy 07-13, serving as a companion to the CEP.



NEW MEXICO ENVIRONMENT DEPARTMENT
Uranium Mine Reclamation Program
PUBLIC INVOLVEMENT PLAN
(PIP)



Site Name: Moe No. 4 (NM0168)

Site Location: 35°18'46.9"N 107°48'47.2"W
Approximately 7 miles southwest of the junction
of State Highways 509 and 605; the site is one-
half mile east of State Highway 605 on New
Mexico State Trust Land
Approximate center of Section 32, Township 13
North, Range 9 West

County: McKinley County

Responsible Party: Uranium Mine Reclamation Program
Harold Runnels Building
1190 South Saint Francis Drive
Santa Fe, NM 87505

Agency: New Mexico Environment Department (NMED)
Office of the Secretary
Office of Strategic Initiatives

Action: Uranium Mine Reclamation

Contact: Jorge A. Munoz-Negron
NMED Uranium Project Lead
505-690-5897
jorge.munoz-negron@env.nm.gov

EFFECTIVE DATE: September 3, 2025

REVISION DATE: N/A

Jorge A. Munoz-Negron, NMED Uranium Project Lead

The New Mexico Environment Department (NMED) Uranium Mine Reclamation Program has developed this Public Involvement Plan (PIP) for the reclamation of abandoned uranium mine Moe No. 4 (NM0168; Site).

This PIP follows the key elements outlined in NMED's *Public Participation Policy 07-13* (Policy 07-13; NMED, 2022). These elements ensure that the plan is both comprehensive and accessible, and include:

1. An overview of the PIP and its relevance to the community affected by reclamation activities.
2. Contact information for NMED staff, including resources for language assistance and disability accommodations.
3. A summary of the regulatory framework that governs public participation in uranium mine reclamation.
4. A description of community and stakeholder groups informed by preliminary environmental justice (EJ) screening results.
5. Specific details about the outreach activities planned to share information and gather community input.

The PIP identifies NMED Uranium Mine Reclamation Program staff responsible for implementation and notes that NMED resources, such as outreach staff, translators, and accessible meeting facilities, will be used to carry out these activities. This PIP and any future amendments will be reviewed and approved by the Bureau Chief before issuance, in accordance with (IAW) Policy 07-13. As a living document, the PIP may be revised to reflect public comments, community feedback, or changes in project circumstances.

Element 1 – PIP Overview

The purpose of this PIP is to ensure that community members have meaningful opportunities to engage in and influence the uranium mine reclamation process at Moe No. 4. The PIP outlines community characteristics, identifies potential barriers to participation, and describes the resources and outreach methods the NMED will use to support inclusive involvement. Developed in accordance with Policy 07-13 and the requirements of the New Mexico Mining Act (19.10 NMAC), this plan integrates both policy guidance and statutory mandates to promote transparency, accessibility, and informed decision-making.

In preparing this PIP, NMED evaluated the community surrounding the Site to identify factors that may influence participation in the reclamation process. U.S. Environmental Protection Agency (EPA) EJSCREEN data show that the affected area is a predominantly American Indian and low-income community, with some households reporting limited English proficiency. While Spanish remains the standard second language used for outreach across New Mexico, NMED will also work with local Tribal governments and community leaders to determine whether translation or interpretation in Native languages, such as Diné (Navajo) or Acoma Keres, is appropriate. This PIP reflects community needs identified through EJSCREEN data and local input, ensuring that historically impacted and Tribal communities have equitable access to information and opportunities to participate. A more detailed description of community characteristics, environmental justice indicators, and potential barriers to participation is provided in

Element 4 (Community and Stakeholder Groups).

Public involvement for uranium mine reclamation at Moe No. 4 will occur at multiple stages, through both mandated notices and additional outreach efforts designed to broaden community participation. Certain public notices and opportunities for comment are directed by statute or regulation and follow specific deadlines.

The legally required activities are described in Element 3 (Regulatory Framework) and summarized in the Mandated Public Involvement Activities table. NMED's supplemental commitments, including project-specific outreach and scheduling, are described in Element 5 (Public Outreach Activities). Together, these activities ensure compliance with Policy 07-13 and 19.10 NMAC, while also providing meaningful and inclusive opportunities for affected communities.

In addition to website postings and email notifications, NMED may use local radio announcements, printed fact sheets, postcards, or signage to increase community awareness of meetings and comment opportunities. Hard copies of project documents related to the Site will be available for public review at the following local repositories:

- New Mexico State University (NMSU) Grants Library, 1500 North Third Street, Grants, New Mexico 87020 (505-287-6638)
- Grants Public Library, 1101 1st Street, Grants, New Mexico 87020 (505-287-4793)

In addition, all project documents and public notices will be posted on the NMED Public Notices webpage (<https://www.env.nm.gov/public-notices/>) to ensure online access for community members who cannot visit the local repositories. All notices for upcoming meetings or hearings will also include a statement that any person requiring assistance, an interpreter, or auxiliary aid to participate may contact the NMED Project Contact identified in this plan. Interpretation services and accommodations for persons with disabilities will be arranged to the extent possible.

Element 2 – Contact Information

In accordance with Policy 07-13, this section identifies the primary project contact and outlines procedures for language assistance and accessibility to ensure meaningful participation in the Moe No. 4 reclamation process. NMED staff and resources, including outreach personnel, translators, and accessible meeting facilities, will support these public involvement activities.

Project Contact

Jorge A. Munoz-Negron, Uranium Project Lead
NMED – Uranium Mine Reclamation Program
Harold Runnels Building
1190 South Saint Francis Drive
Santa Fe, NM 87505
505-690-5897
jorge.munoz-negron@env.nm.gov

Language Assistance

All public notices will inform community members that non-English speakers may contact NMED to request language assistance. Document translation or interpretation services related to the

reclamation process will be arranged as needed and as resources allow.

Accessibility for Individuals with Disabilities

All public notices will include a statement that individuals with disabilities may contact NMED to request accommodations needed to participate in meetings or activities. Relay New Mexico provides free telephone assistance for people who are deaf, hard of hearing, or have difficulty speaking:

- English: 1-800-659-1779
- Spanish: 1-800-327-1857
- TTY: 1-800-659-8331

Online Access

All outreach materials and notices will include a link to the NMED Public Notices webpage, where project documents and updates are posted: <https://www.env.nm.gov/public-notices/>.

Element 3 – Regulatory Framework

The public participation framework for the Moe No. 4 reclamation process is guided by Policy 07-13 and 19.10 NMAC. Together, these authorities establish the requirements for public notices, comment periods, public hearings, and document availability, and ensure that affected communities have opportunities for meaningful involvement.

The regulatory framework is summarized in the Mandated Public Involvement Activities table below. The table identifies each activity subject to statutory or regulatory deadlines, the corresponding regulatory authority, and the associated dates or timeframes. These requirements include:

- Public notices – Required under Policy 07-13 §4.h and 19.10.9.902 NMAC, which specify the contents of public notices and how they must be distributed.
- Repository placement – Required under Policy 07-13 §4.i, which directs that physical and online locations for documents be made available for community access.
- Public comment periods – Required under Policy 07-13 §4.d and 19.10.9.903 NMAC, which establish minimum comment periods and hearing notice timelines.
- Public hearings – Required under Policy 07-13 §4.f and 19.10.9.904 NMAC, which outline when hearings must be held and how notice is provided.
- Responses to comments – Required under Policy 07-13 §4.d, which directs that NMED must respond to substantive comments and make responses publicly available.

By following these requirements, NMED ensures that all public involvement activities for Moe No. 4 are conducted within the applicable statutory and regulatory deadlines. . Although this section highlights mandated outreach activities, NMED’s commitment to community engagement extends beyond regulatory requirements, as reflected in the full range of required and supplemental actions described in Element 5.

Table 1. Mandated Public Involvement Activities

Activity	Mandating Authority	Requirement / Deadline	Notes
Public Notice of Application / Project	Policy 07-13 §4.h; 19.10.9.902 NMAC	Notice must be published in a newspaper of general circulation and posted on NMED’s website.	Must include project description, document availability, and information on requesting interpretation or accommodations.
Repository Placement	Policy 07-13 §4.i	Hard copies of documents must be placed in a publicly accessible local repository.	NMSU Grants Library and Grants Public Library
Public Comment Period	Policy 07-13 §4.d; 19.10.9.903 NMAC	Minimum 30 days for written public comments on reclamation plans or major project documents.	Comments accepted by mail, email, or in person at meetings.
Public Meeting	Policy 07-13 §4.f	NMED must provide at least one opportunity for a public meeting.	NMED anticipates holding at least two meetings (weekday evening + Saturday).
Public Hearing	Policy 07-13 §4.f; 19.10.9.904 NMAC	Required if mandated by regulation, requested by significant community interest, or triggered by specific permit actions.	Formal hearing must follow statutory notice timelines.
Response to Comments	Policy 07-13 §4.d	NMED must respond in writing to all substantive public comments.	Responses must be posted online and at local repositories.
Mailing Lists	Policy 07-13 §4.c	A site-specific mailing list must be maintained and updated.	Includes Tribal governments, land grants, local governments, and interested individuals.

This table provides the complete set of mandated public involvement activities for Moe No. 4 and satisfies the requirements of Policy 07-13 and 19.10 NMAC. By meeting these obligations, NMED ensures that all required opportunities for notice, comment, and participation are provided to the affected community.

Element 4 – Community and Stakeholder Groups

The community surrounding Moe No. 4 is predominantly rural and includes several populations identified through EPA’s EJSCREEN tool as potentially vulnerable. EJSCREEN results for the 5-mile radius represent approximately 42 residents in 23 households. The community is approximately 76% American Indian and 17% Hispanic, with a per capita income of about \$16,800, which is well below state and national averages. Approximately 64% of households are considered low income, 15% of residents are unemployed, and 6% of households are limited English speaking. These conditions highlight the importance of ensuring that outreach materials and participation opportunities are accessible and inclusive (Policy 07-13 §4.b). A detailed EJSCREEN report for the

Moe No. 4 site, including full demographic and environmental indicators, is provided in Attachment 2 to this PIP.

An assessment of Limited English Proficiency (LEP) needs for the Moe No. 4 community indicates that while Spanish is the most common second language in New Mexico, most LEP households in the 5-mile radius speak other (non-English, non-Spanish) languages at home. To address this, NMED will provide Spanish translation and interpretation services, as needed, and will consider requests for Native language services (such as Diné [Navajo] or Acoma Keres) in coordination with Tribal governments. A detailed LEP assessment, including the four-factor analysis required under EPA guidance, is provided in Attachment 1.

Table 2. Moe No. 4 Community Demographics (5-mile radius, EJSCREEN 2024)

Indicator	Result	Notes
Total Population	~42 people	Very small, rural community
Race/Ethnicity	76% American Indian; 17% Hispanic; 4% White; 4% Black	Majority Tribal population
Low Income	64%	Above state/national averages
Unemployment	15%	Above state/national averages
Less Than High School Education	22%	Indicator of EJ sensitivity
Limited English-speaking Households	6%	All identified as “other language,” not Spanish
Disability	19%	Higher than state average
Per Capita Income	~\$16,800	U.S. average ~\$35,000

Community Needs and Barriers

Language access and accessibility services are key considerations in this community. While Spanish is the standard second language used in New Mexico public outreach, EJSCREEN results indicate that non-Spanish languages may also be relevant. NMED will, therefore, work with Tribal governments and community leaders to determine whether translation or interpretation in Native languages, such as Diné (Navajo) or Acoma Keres, is appropriate. Additionally, accommodations will be provided for individuals with disabilities to ensure full participation (Policy 07-13 §4.g).

Tribal Entities in Vicinity

Several federally recognized Tribal governments are located near Moe No. 4, who may have an interest in reclamation activities:

- Pueblo of Laguna – Approximately 10–15 miles southeast of the site.
- Pueblo of Acoma – Approximately 15–20 miles southeast of the site.
- Navajo Nation – Extends across McKinley County, with lands and communities near the San Mateo Creek Basin.

In addition to the nearby Pueblos of Laguna and Acoma and the Navajo Nation, the Pueblo of Zuni is also located within the broader region. Although it is situated more than 50 miles southwest of Moe No. 4, NMED will engage with Zuni leadership if reclamation activities are identified as having potential impacts of concern to their community. These Tribal entities will be engaged through appropriate government-to-government consultation and culturally responsive

outreach (Policy 07-13, §3).

Other Stakeholders

In addition to Tribal governments, community land grants, such as the Cubero and Cebolleta Land Grants, are recognized political subdivisions of the State of New Mexico under New Mexico Statute Chapter 49-1. These historic Spanish and Mexican-era grants are governed by elected boards of trustees and represent local residents in matters of land, water, and cultural resource protection. Due to their proximity to Moe No. 4, both are included as stakeholders for direct notification and consultation.

NMED will also coordinate with local governments—the City of Grants, Village of Milan, and McKinley and Cibola Counties—along with community organizations and nearby residents who may be directly affected by reclamation activities. Potential partners include chapter houses, schools, health clinics, and environmental or cultural groups active in the region.

By identifying these additional stakeholders, NMED ensures outreach is responsive to community needs, consistent with EJ principles, and compliant with Policy 07-13. This approach guides the selection of outreach tools for Moe No. 4, including bilingual notices, accessible venues, and partnerships with Tribal and community leaders to maximize participation. Specific outreach contacts for these entities are identified in the Points of Contact (POC) table provided in Element 5.

Element 5 – Public Outreach Activities

Public involvement activities required by statute or regulation for the Moe No. 4 reclamation project are listed in the Table of Mandated Public Involvement Activities included in Element 3. These activities are supplemented by additional outreach designed to maximize transparency and ensure meaningful opportunities for participation. Outreach commitments described in this element are informed by the environmental justice considerations identified through the EJSCREEN analysis (Attachment 2).

Notices and Communication Tools

All public notices will be published in a newspaper of general circulation, posted on the NMED Public Notices webpage (<https://www.env.nm.gov/public-notices/>), and distributed to Tribal and local governments through direct mailings or email lists. Notices will always include information on how to request language assistance or disability accommodations, as required under Policy 07-13 §4.h and 19.10.9.902 NMAC. Additional information regarding LEP services, including Spanish and Native language accommodations, is provided in Attachment 1. To expand awareness, NMED may also use radio announcements, fact sheets, flyers, or signage.

Mailing Lists and Direct Notification

NMED will maintain a site-specific mailing list for Moe No. 4. Individuals, organizations, and community representatives may request to be added and will then receive all notices and updates. Notices will also be provided directly to local governments, nearby land grants (e.g., Cebolleta and Cubero), and Tribal governments, including the Pueblos of Acoma and Laguna and the Navajo Nation, in accordance with Policy 07-13 §4.c.

Newspapers to be Utilized

- *County circulation (English):* Gallup Independent
- *Local circulation (English):* Cibola Citizen

Community Meetings and Hearings

At least two community meetings are planned—one on a weekday evening and one on a Saturday—to maximize participation opportunities. Meetings will include interpretation and accessibility accommodations as requested, consistent with Policy 07-13 §4.f. A formal public hearing will be scheduled if required by statute, regulation, or significant community interest under 19.10.12.1210 NMAC.

Comment Periods and Responses

Community members will have a minimum 30-day public comment period on key project documents, such as draft reclamation plans, as required under Policy 07-13 §4.d and 19.10.12.1210 NMAC. Comments may be submitted by mail, email, or at public meetings. NMED will compile and respond in writing to all substantive comments, and responses will be posted online and made available at the local repositories identified in Element 1 (Grants Public Library and NMSU Grants Library).

Ongoing Outreach

NMED will provide regular updates throughout the project via its website, email notifications to community members, and coordination with local and Tribal governments, consistent with Policy 07-13 §4.d. Updates will include project milestones, changes to schedules, and notice of upcoming participation opportunities.

Contingency Plan

In the event of a public health emergency, weather disruption, or other unforeseen circumstance, NMED will ensure continued public involvement by:

- Providing electronic delivery of documents upon request;
- Mailing documents upon request to community members who cannot access physical repositories; and
- Conducting virtual meetings or rescheduling in-person meetings to protect public health and safety.

All notices issued under contingency conditions will specify how the public can access materials and request updated copies if revisions occur, consistent with Policy 07-13 §4.e.

Points of Contact

NMED will maintain a current list of outreach POCs for Tribal governments, land grants, local governments, and community organizations in the vicinity of Moe No. 4. These contacts will be used for direct notifications, mailing lists, and coordination throughout the reclamation process. The list is provided in the POC table below and will be updated regularly as leadership and responsibilities change.

Table 3. New Mexico Land Grants and Tribal Points of Contact

Entity	Address	Name	Email	Phone
Pueblo of Acoma	PO Box 309 Acoma, NM 87034	Governor Charles Riley	governor@poamail.org	505-552-6604
		Franklin Martinez, DNR Director	fmartinez@poamail.org	505-552-5161 x5562
		Donna Martinez, Environment Coordinator	dmartinez@poamail.org	505-552-5161
Pueblo of Laguna	PO Box 194 Laguna Pueblo, NM 87026	Governor Harry Antonio, Jr	manalla@lagunapueblo-nsn.gov	505-552-6654
		Gregory Jojola, Environmental Manager	gjojola@pol-nsn.gov	505-552-5041
Navajo Nation	PO Box 7440 Window Rock, AZ 86515	President Buu Nygren	president.buunygren@navajo-nsn.gov / alray.nelson@navajo-nsn.gov - assistant	928-871-6000
	PO Box 3390 Window Rock, AZ 86515	Stephen Etsitty, EPA Executive Director	s.etsitty@navajo-nsn.gov	928-871-7735 – O 928-551-2189 – C
Navajo Nation Council	PO Box 3390 Window Rock, AZ 86515	Crystalyne Curley, Office of the Speaker	crystalyne.curley@navajo-nsn.gov	928-871-7160
		Stephen Etsitty, EPA Executive Director	s.etsitty@navajo-nsn.gov	928-871-7735 – O 928-551-2189 – C
Cebolleta Land Grant	HC 77 PO Box 6 Seboyeta, NM 87014	Kilino Marquez, President	kilino.marquez@yahoo.com	505-639-3081
Cubero Land Grant	PO Box 216 Cubero, NM 87014	James Chávez, President	jamesdeanchavez@gmail.com	505-379-8426

The following table summarizes the outreach activities NMED will conduct for Moe No. 4. The table includes both the mandated activities identified in Element 3 and the additional measures NMED has committed to in order to expand transparency and community participation.

Table 4. Public Involvement Activities and Tentative Timeline

Activity	Mandating Authority	Regulatory Deadline	Tentative Date(s)	Notes
Repository Placement	Policy 07-13 §4.i	At time of notice	September 12, 2025	Documents available at NMSU Grants Library & Grants Public Library
Public Notices	Policy 07-13 §4.h; 19.10.9.902 NMAC	Notices must be published upon document finalization	Fall 2025	Published in Albuquerque Journal & Cibola Citizen; posted online
Public Comment Period	Policy 07-13 §4.d; 19.10.9.903 NMAC	Minimum 30 days	Early 2026	Comment period for draft reclamation plan; comments accepted by mail, email, or in person
Community Meetings	Policy 07-13 §4.f (minimum one meeting)	Must occur during comment period	Early 2026 (two meetings planned)	Interpretation/ accommodations available, if requested
Public Hearing	Policy 07-13 §4.f; 19.10.9.902 NMAC	Required if mandated by regulation or significant interest	To be scheduled, if triggered	Hearing notice published at least 30 days in advance
Response to Comments	Policy 07-13 §4.d	Responses must be provided following the closure of comment period	Following close of comment period	Responses posted online and at repositories
Ongoing Outreach Updates	Policy 07-13 §4.d (general)	No fixed deadline	Quarterly, beginning Fall 2025	Website updates, emails, coordination with Tribal/local governments
Contingency Outreach	Policy 07-13 §4.e (flexibility)	If conditions require	As needed	Virtual meetings, mailed copies, or schedule adjustments for emergencies

Together these outreach measures show NMED’s commitment to going beyond minimum requirements by ensuring that Tribal governments, land grants, local governments, and community members have clear, equitable, and ongoing opportunities to participate in decisions about the Moe No. 4 reclamation process.

Closure Statement

By implementing these outreach activities in accordance with Policy 07-13 and 19.10 NMAC, NMED ensures that public participation for Moe No. 4 will be transparent, inclusive, and responsive to community needs.

ATTACHMENT 2

EJSCREEN Report Site: Moe No. 4 (NM0168)

This report summarizes U.S. EPA EJSCREEN data for the 5-mile radius surrounding Moe No. 4, including demographic, socioeconomic, and environmental justice indicators to inform engagement planning.



EJScreen Community Report

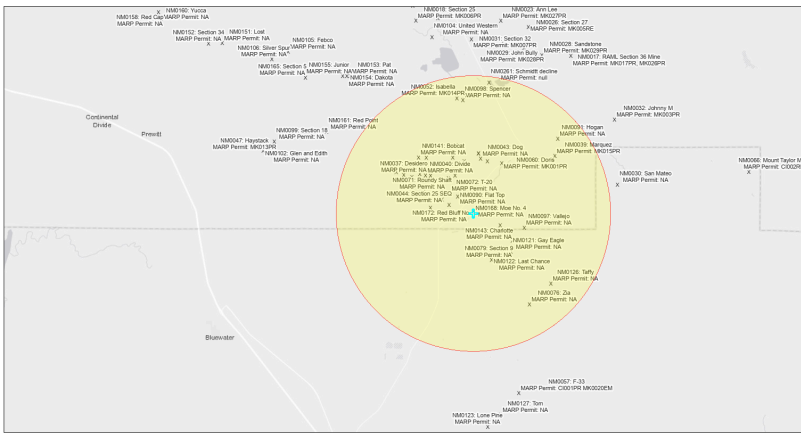
This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

5 miles Ring Centered at 35.313017,-107.813112

Moe No. 4 NM0168

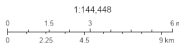
Population: 42

Area in square miles: 78.53



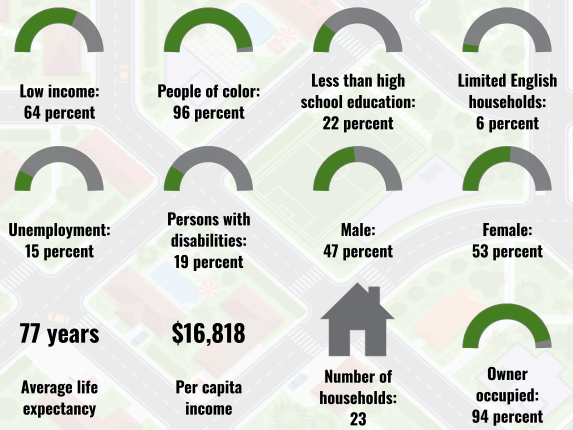
September 24, 2024

Moe No. 4 NM0168
* Abandoned Uranium Mines

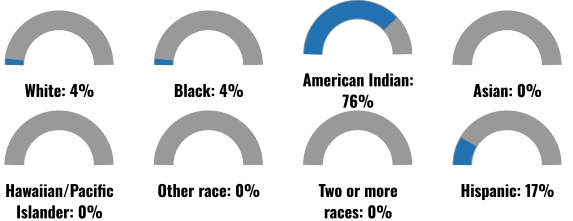


Bureau of Land Management, EPA, HERS, Geomix, USGS, BIA, IHS, New Mexico Energy, Minerals and Natural Resources Department, Esri, HERE, IHS

COMMUNITY INFORMATION



BREAKDOWN BY RACE



BREAKDOWN BY AGE



LIMITED ENGLISH SPEAKING BREAKDOWN



Notes: Numbers may not sum to totals due to rounding. Hispanic population can be of any race. Source: U.S. Census Bureau American Community Survey (ACS) 2018-2022. Life expectancy data comes from the Centers for Disease Control.

LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
No language data available.	

Report for 5 miles Ring Centered at 35.313017,-107.813112

Report produced September 24, 2024 using EJScreen Version 2.3

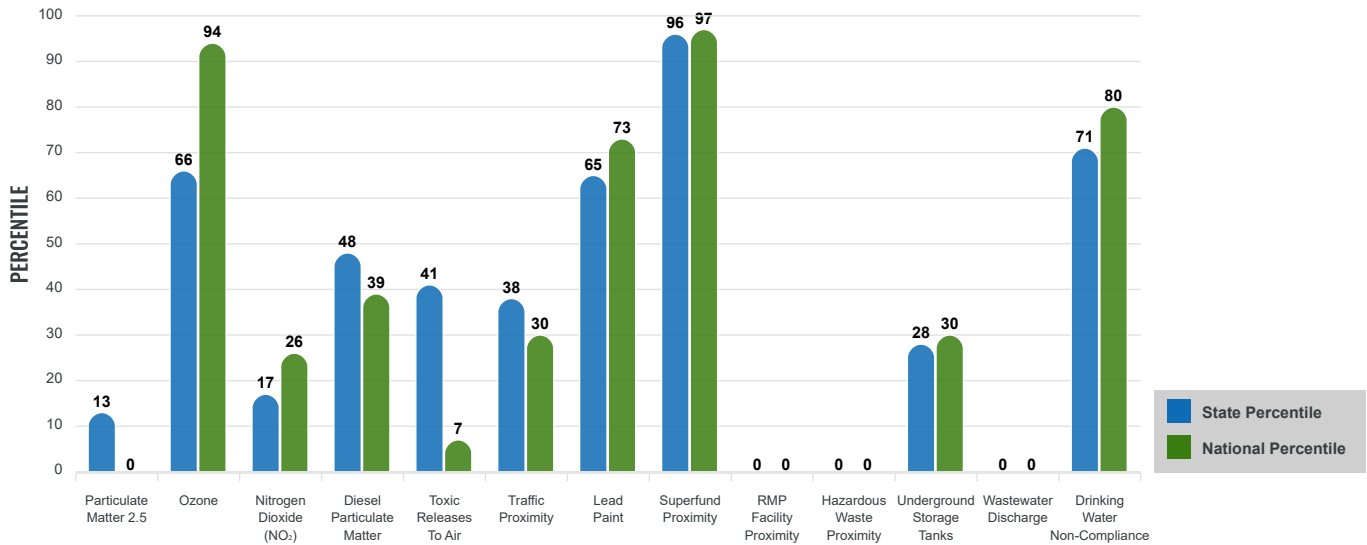
Environmental Justice & Supplemental Indexes

The environmental justice and supplemental indexes are a combination of environmental and socioeconomic information. There are thirteen EJ indexes and supplemental indexes in EJScreen reflecting the 13 environmental indicators. The indexes for a selected area are compared to those for all other locations in the state or nation. For more information and calculation details on the EJ and supplemental indexes, please visit the [EJScreen website](#).

EJ INDEXES

The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.

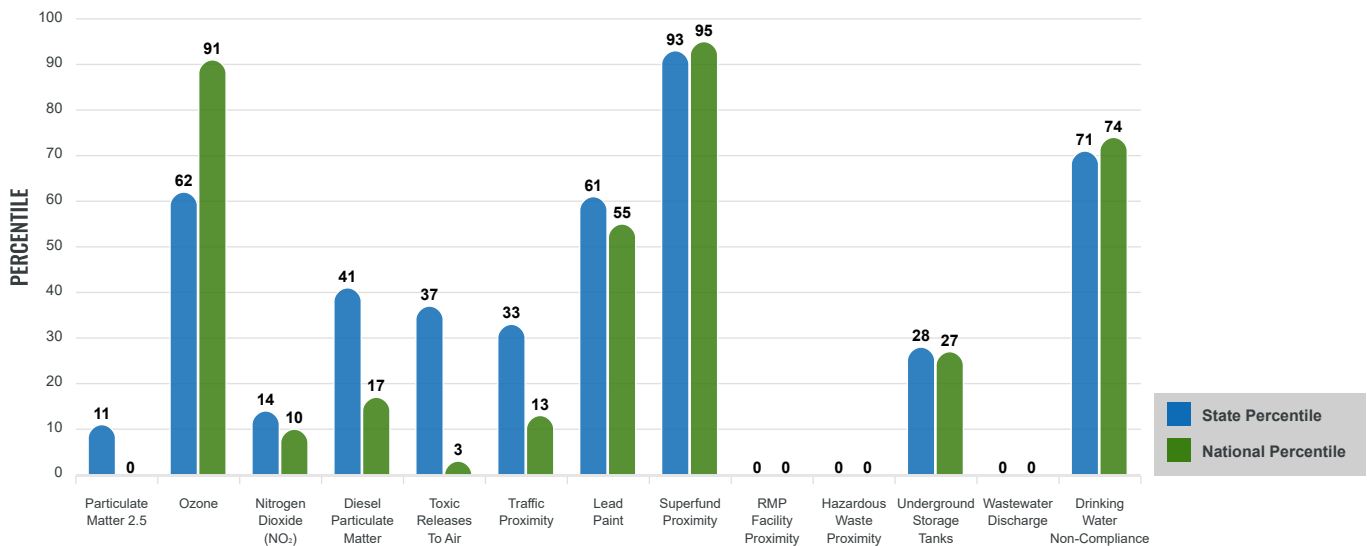
EJ INDEXES FOR THE SELECTED LOCATION



SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low income, percent persons with disabilities, percent less than high school education, percent limited English speaking, and percent low life expectancy with a single environmental indicator.

SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION



Report for 5 miles Ring Centered at 35.313017,-107.813112
 Report produced September 24, 2024 using EJScreen Version 2.3

EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
ENVIRONMENTAL BURDEN INDICATORS					
Particulate Matter 2.5 (µg/m ³)	4.67	6.11	7	8.45	0
Ozone (ppb)	64.6	65.3	37	61.8	69
Nitrogen Dioxide (NO ₂) (ppbv)	2.8	8.1	8	7.8	5
Diesel Particulate Matter (µg/m ³)	0.0541	0.187	27	0.191	9
Toxic Releases to Air (toxicity-weighted concentration)	0.34	29	40	4,600	3
Traffic Proximity (daily traffic count/distance to road)	28,000	730,000	22	1,700,000	8
Lead Paint (% Pre-1960 Housing)	0.094	0.19	49	0.3	34
Superfund Proximity (site count/km distance)	0.53	0.34	87	0.39	84
RMP Facility Proximity (facility count/km distance)	0	0.2	0	0.57	0
Hazardous Waste Proximity (facility count/km distance)	0	1.2	0	3.5	0
Underground Storage Tanks (count/km ²)	0.00019	2.8	27	3.6	26
Wastewater Discharge (toxicity-weighted concentration/m distance)	0	990000	0	700000	0
Drinking Water Non-Compliance (points)	8.5	5.6	86	2.2	92
SOCIOECONOMIC INDICATORS					
Demographic Index USA	2.98	N/A	N/A	1.34	94
Supplemental Demographic Index USA	2.49	N/A	N/A	1.64	89
Demographic Index State	3.37	2.16	91	N/A	N/A
Supplemental Demographic Index State	2.21	1.62	81	N/A	N/A
People of Color	96%	62%	91	40%	93
Low Income	64%	39%	84	30%	91
Unemployment Rate	14%	6%	87	6%	91
Limited English Speaking Households	7%	6%	71	5%	80
Less Than High School Education	22%	14%	77	11%	84
Under Age 5	6%	5%	66	5%	61
Over Age 64	16%	20%	45	18%	51

*Diesel particulate matter index is from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

Sites reporting to EPA within defined area:

Superfund	2
Hazardous Waste, Treatment, Storage, and Disposal Facilities	0
Water Dischargers	2
Air Pollution	0
Brownfields	0
Toxic Release Inventory	0

Other community features within defined area:

Schools	0
Hospitals	0
Places of Worship	0

Other environmental data:

Air Non-attainment	No
Impaired Waters	Yes

- Selected location contains American Indian Reservation Lands* Yes
- Selected location contains a "Justice40 (CEJST)" disadvantaged community Yes
- Selected location contains an EPA IRA disadvantaged community Yes

Report for 5 miles Ring Centered at 35.313017,-107.813112
 Report produced September 24, 2024 using EJScreen Version 2.3

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	22%	19%	73	20%	71
Heart Disease	8.6	5.9	93	5.8	92
Asthma	14.4	11.2	94	10.3	98
Cancer	5.4	6.1	32	6.4	27
Persons with Disabilities	19.1%	17.1%	66	13.7%	82

CLIMATE INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	17%	9%	86	12%	82
Wildfire Risk	19%	58%	34	14%	83

CRITICAL SERVICE GAPS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	65%	20%	97	13%	99
Lack of Health Insurance	17%	10%	86	9%	87
Housing Burden	No	N/A	N/A	N/A	N/A
Transportation Access Burden	Yes	N/A	N/A	N/A	N/A
Food Desert	Yes	N/A	N/A	N/A	N/A

Report for 5 miles Ring Centered at 35.313017,-107.813112

Report produced September 24, 2024 using EJScreen Version 2.3

Location: User-specified point center at 35.313017, -107.813112
 Ring (buffer): 5-miles radius
 Description: Moe No. 4 NM0168

Summary of ACS Estimates		2018 - 2022
Population		42
Population Density (per sq. mile)		1
People of Color Population		40
% People of Color Population		96%
Households		23
Housing Units		31
Housing Units Built Before 1950		1
Per Capita Income		16,818
Land Area (sq. miles) (Source: SF1)		74.79
% Land Area		100%
Water Area (sq. miles) (Source: SF1)		0.12
% Water Area		0%

	2018 - 2022 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	42	100%	520
Population Reporting One Race	38	92%	879
White	4	11%	377
Black	1	4%	196
American Indian	32	77%	231
Asian	0	0%	13
Pacific Islander	0	0%	13
Some Other Race	0	1%	49
Population Reporting Two or More Races	3	8%	162
Total Hispanic Population	7	17%	449
Total Non-Hispanic Population	35		
White Alone	2	4%	141
Black Alone	1	4%	196
American Indian Alone	31	76%	229
Non-Hispanic Asian Alone	0	0%	13
Pacific Islander Alone	0	0%	13
Other Race Alone	0	0%	13
Two or More Races Alone	0	0%	14
Population by Sex			
Male	19	47%	410
Female	22	53%	244
Population by Age			
Age 0-4	2	6%	60
Age 0-17	11	27%	130
Age 18+	30	73%	419
Age 65+	7	16%	203

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) 2018 - 2022

Location: User-specified point center at 35.313017, -107.813112

Ring (buffer): 5-miles radius

Description: Moe No. 4 NM0168

	2018 - 2022 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	27	100%	353
Less than 9th Grade	2	8%	36
9th - 12th Grade, No Diploma	4	14%	68
High School Graduate	13	47%	270
Some College, No Degree	6	22%	148
Associate Degree	0	2%	47
Bachelor's Degree or more	2	6%	89
Population Age 5+ Years by Ability to Speak English			
Total	39	100%	513
Speak only English	19	49%	390
Non-English at Home ¹⁺²⁺³⁺⁴	20	51%	232
¹ Speak English "very well"	18	46%	222
² Speak English "well"	1	3%	75
³ Speak English "not well"	1	1%	49
⁴ Speak English "not at all"	0	0%	45
³⁺⁴ Speak English "less than well"	1	2%	66
²⁺³⁺⁴ Speak English "less than very well"	2	5%	100
Limited English Speaking Households*			
Total	1	100%	64
Speak Spanish	0	0%	13
Speak Other Indo-European Languages	0	0%	13
Speak Asian-Pacific Island Languages	0	0%	13
Speak Other Languages	1	100%	60
Households by Household Income			
Household Income Base	23	100%	240
< \$15,000	8	33%	98
\$15,000 - \$25,000	2	7%	18
\$25,000 - \$50,000	7	31%	140
\$50,000 - \$75,000	3	13%	213
\$75,000 +	4	16%	124
Occupied Housing Units by Tenure			
Total	23	100%	240
Owner Occupied	22	94%	163
Renter Occupied	1	6%	204
Employed Population Age 16+ Years			
Total	32	100%	448
In Labor Force	15	47%	398
Civilian Unemployed in Labor Force	2	15%	104
Not In Labor Force	17	53%	269

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of anyrace.

N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS)

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

Location: User-specified point center at 35.313017, -107.813112

Ring (buffer): 5-miles radius

Description: Moe No. 4 NM0168

	2018 - 2022 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	N/A	N/A	N/A
English	N/A	N/A	N/A
Spanish	N/A	N/A	N/A
French, Haitian, or Cajun	N/A	N/A	N/A
German or other West Germanic	N/A	N/A	N/A
Russian, Polish, or Other Slavic	N/A	N/A	N/A
Other Indo-European	N/A	N/A	N/A
Korean	N/A	N/A	N/A
Chinese (including Mandarin, Cantonese)	N/A	N/A	N/A
Vietnamese	N/A	N/A	N/A
Tagalog (including Filipino)	N/A	N/A	N/A
Other Asian and Pacific Island	N/A	N/A	N/A
Arabic	N/A	N/A	N/A
Other and Unspecified	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) 2018 - 2022.
 *Population by Language Spoken at Home is available at the census tract summary level and up.

ATTACHMENT 3

Limited English Proficiency Assessment Site: Moe No. 4 (NM0168)

This attachment provides a four-factor analysis of language needs for the Moe No. 4 project area, including recommendations for translation, interpretation, and outreach strategies to ensure equitable participation.

ATTACHMENT 1

Limited English Proficiency (LEP) Assessment

Site: Moe No. 4 (NM0168)

This LEP Assessment was developed to evaluate potential language access needs for the Moe No. 4 uranium mine reclamation project. In accordance with Title VI of the Civil Rights Act, U.S. Environmental Protection Agency (EPA) guidance, and New Mexico Environment Department (NMED) Policy 07-13, the assessment considers the four factors required to determine the extent of language services that may be needed. The purpose of this document is to ensure that individuals with LEP have meaningful access to information and opportunities to participate in the decision-making process for Moe No. 4.

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), EJSCREEN Results for the Affected Community (Attachment 2).

Conclusions:

- Nearly all of these households report speaking a language other than English or Spanish at home. While the majority indicate speaking English “very well,” approximately 6% of households may face language-related barriers to participation.
- This percentage is somewhat higher than the state average, indicating a need to plan for potential language access barriers.
- Historical participation records show that uranium-related projects in the broader San Mateo Creek Basin have drawn significant public interest, but there is limited evidence of LEP-specific participation related directly to Moe No. 4.

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

Community members are most likely to engage with the uranium mine reclamation process when notices are published, documents are made available, or meetings are held. Participation opportunities include requesting information, submitting comments, or attending public meetings/hearings.

Conclusions:

- Overall participation at this specific site has been limited.
- Given the demographic profile, the potential for LEP contact at Moe No. 4 is considered moderate.

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

The reclamation of abandoned uranium mines at Moe No. 4 is considered **important** by NMED, the State of New Mexico, and the affected community. This work is protective of public health and environmental quality by addressing legacy uranium mining impacts that pose potential risks to groundwater, surface water, and community well-being.

Conclusions:

- NMED considers the reclamation of Moe No. 4 important to both the local community and the State of New Mexico as a whole.

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

NMED has the option to employ an in-house Spanish translator/interpreter and can arrange phone interpretation services as needed to support direct communication with LEP individuals. Certified interpretation services shall be arranged for public meetings or hearings upon request. For non-Spanish languages, NMED will evaluate requests on a case-by-case basis and allocate resources as feasible to provide appropriate accommodations.

Conclusion:

- NMED is able to accommodate the costs associated with providing English and Spanish LEP services identified in this PIP.
- If additional services are requested in other languages, NMED will review the request and assess budgetary implications to determine the feasibility of providing such accommodations.

LEP Services Plan:

To accommodate the needs of the LEP individuals who may be interested in the Moe No. 4 uranium mine reclamation process, NMED will:

- Translate required public notices into Spanish and publish them in a Spanish-language newspaper serving the local community, if one is available;
- Provide Spanish interpretation services at any public meeting or public hearing, if requested; and
- Utilize certified Spanish interpreters to interact with members of the LEP community, when needed and feasible.

NMED will also consider requests from members of the affected community for additional LEP services, including interpretation in other languages such as Diné (Navajo) or Acoma Keres, in coordination with Tribal governments, as appropriate. Requests will be evaluated to determine feasibility and available resources.

ATTACHMENT 4

Tribal, Land Grant, and Local Government Points of Contact

Site: Moe No. 4 (NM0168)

This directory lists primary contacts for Tribal governments, land grant boards, municipalities, and agencies involved in the Moe No. 4 project to facilitate timely communication and coordination.

Tribal, Land Grant, and Local Government Points of Contact

Entity	Address	Name	Email	Phone
Pueblo of Acoma	PO Box 309 Acoma, NM 87034	Governor Charles Riley	governor@poamail.org	505-552-6604
		Franklin Martinez, DNR Director	fmartinez@poamail.org	505-552-5161 x5562
		Donna Martinez, Environment Coordinator	dmartinez@poamail.org	505-552-5161
Pueblo of Laguna	PO Box 194 Laguna Pueblo, NM 87026	Governor Harry Antonio, Jr	manalla@lagunapueblo-nsn.gov	505-552-6654
		Gregory Jojola, Environmental Manager	gjojola@pol-nsn.gov	505-552-5041
Navajo Nation	PO Box 7440 Window Rock, AZ 86515	President Buu Nygren	president.buunygren@navajo-nsn.gov / alray.nelson@navajo-nsn.gov - assistant	928-871-6000
	PO Box 339 Window Rock, AZ 86515	Stephen Etsitty, EPA Executive Director	s.etsitty@navajo-nsn.gov	928-871-7735 – O 928-551-2189 – C
Navajo Nation Council	PO Box 339 Window Rock, AZ 86515	Crystalyne Curley, Office of the Speaker	crystalyne.curley@navajo-nsn.gov	928-871-7160
		Stephen Etsitty, EPA Executive Director	s.etsitty@navajo-nsn.gov	928-871-7735 – O 928-551-2189 – C
Cebolleta Land Grant	HC 77 PO Box 6 Seboyeta, NM 87014	Kilino Marquez, President	kilino.marquez@yahoo.com	505-639-3081
Cubero Land Grant	PO Box 216 Cubero, NM 87014	President James Chávez	jamesdeanchavez@gmail.com	505-379-8426
City of Grants	600 W Santa Fe Ave Grants, NM 87020	Mayor Cynthia Ann Jarvis	mayor@grantsnm.gov	505-287-7927
		City Manager Laura Jaramillo	citymanager@grantsnm.gov	

Tribal, Land Grant, and Local Government Points of Contact

Entity	Address	Name	Email	Phone
Village of Milan	620 Uranium Ave Milan, NM 87021	Mayor Roger Gonzales	mayor@villageofmilan.com	505-285-6694
		Village Clerk Tamara Marquez	tmarquez@villageofmilan.com	
McKinley County	207 W Hill Ave Gallup, NM 87301	Commission Chair Robert Baca	rbaca@co.mckinley.nm.us	505-863-1400
		County Manager Anthony Dimas	adimas@co.mckinley.nm.us	
		Emergency Mgmt. & Environmental Health Division	publicworks@co.mckinley.nm.us	
Cibola County	515 W High St Grants, NM 87020	Commission Chair Genevieve Jackson	gjackson@co.cibola.nm.us ;	505-285-2555
		County Manager Anthony Trujillo	atrujillo@co.cibola.nm.us	

ATTACHMENT 5

Accommodation Request Log Template

Site: Moe No. 4 (NM0168)

This log can be used to track all accommodation requests, including translation, interpretation, and accessibility needs, to ensure timely and documented responses.

ATTACHMENT 6

Translator Outreach Documentation Form

Site: Moe No. 4 (NM0168)

This form can be used to document outreach efforts to secure translation or interpretation services. It provides a transparent record of contacts, responses, and actions taken to demonstrate good-faith efforts.

