



NMED Public Participation Policy Policy 07-13

Public Involvement Plan for Notice of a Final Remediation Plan

Shamrock No. 63
3624 Cerrillos Road
Santa Fe, New Mexico

Approved: 
Dana Bahar
Chief, Petroleum Storage Tank Bureau

Date: 8/19/2019

Petroleum Storage Tank Bureau
August 19, 2019

Public Involvement Plan (PIP) Overview

The New Mexico Environment Department (“NMED” or “Department”), Petroleum Storage Tank Bureau (“PSTB” or “Bureau”) developed this Public Involvement Plan (“PIP”) for the Final Remediation Plan review for the Shamrock No. 63 site located at 3624 Cerrillos Road, Santa Fe, New Mexico.

The PSTB has developed this PIP to provide public participation opportunities and information to facilitate the public’s participation in the remediation planning process related to this site.

This PIP integrates information about the community and identifies resources needed by the PSTB to successfully incorporate community participation activities into the decision-making process for the Final Remediation Plan. The PIP identifies the PSTB staff and resources needed to accomplish these activities.

The remediation planning process may require public participation throughout different stages. The PSTB will ensure that the responsible party (RP) will meet the public participation requirements for the planning process by following this PIP, which includes all applicable policy, regulatory and statutory public notice and participation requirements.

In developing this PIP, community participation needs at the site were assessed to ensure appropriate promotion of public outreach is conducted by identifying whether there is a combination of environmental and demographic factors (i.e., low income community, minority community, limited English proficiency individuals, Linguistically Isolated Households, etc.) that may affect public participation (refer to Element 4 of this PIP). This assessment identifies community outreach needs and provides for public access opportunities above and beyond statutorily mandated requirements and underscores the provision of adequate public access to information about the remediation planning process.

As much as possible, public participation and informational activities related to the remediation planning process will be held within the timelines outlined in the table below. This timeline is tentative and subject to change; activities subject to statutory or regulatory deadlines are noted.

In the timeline for this remediation planning process, public comments may be submitted to the PSTB prior to the PSTB’s determination that the Final Remediation Plan is acceptable. Upon a determination that the Final Remediation Plan is acceptable, the PSTB will ensure that the RP implements the Final Remediation Plan.

The Shamrock No. 63 site is in Santa Fe, New Mexico in an area that has a relatively large community of Spanish speakers. Therefore, the PSTB will ensure that the RP provides public notice information in both English and Spanish.

As deemed necessary based on knowledge of the surrounding community, arrangements may be made for translation services. At any time during the planning process, the Final Remediation Plan and relevant documents may be reviewed at the repositories listed.

More detailed information about planned PSTB outreach is available in this PIP.

Activity	Dates
Posting of PIP (PSTB website and office)	August 21, 2019
Public Comment Period for PIP	Ongoing
PIP Revision	As necessary
Posting of Revised PIP	Within 21 days of receipt of substantial comment
Public Notice of Planned Submission of Draft Final Remediation Plan by RP and to include availability of language assistance services	August 29, 2019
Submittal of Draft Final Remediation Plan	August 30, 2019
Posting of Draft Final Remediation Plan (PSTB website and office) & PSTB broadcast email alert, Public Comment Period Begins	August 30, 2019
Second Public Notice of Submission of Draft Final Remediation Plan and Posting of a Notice at the Site	September 5, 2019
Public Comment Period for Draft Final Remediation Plan Ends	September 26, 2019
Incorporation of Comments and Preparation of Final Remediation Plan	TBD

The PSTB Bureau Chief provides final approval of the PIP and amendments. This PIP is a “living” document that may be amended after considering public comments and feedback.

1. Contacts

Bureau contact for this PIP and the Final Remediation Plan is:

Ms. Susan von Gonten
Project Manager
NMED Petroleum Storage Tank Bureau
2905 Rodeo Park Drive E, Building 1
Santa Fe, New Mexico 87505

Phone: (505) 476-4389
Fax: (505)476-4374
Email: susan.vongonten@state.nm.us

Non-English Language Speaker Assistance and Accommodations

The Bureau will ensure that the responsible party will include information about how non-English speakers or readers may call the PSTB contact listed in this PIP and request language assistance services, such as an interpreter, so they can learn more about the planning process. Services may be arranged for translation of documents, for interpreters, and for obtaining services for persons with disabilities. A phone-based interpretation service is available for languages other than English.

Persons requiring non-English Language Speaker Assistance, assistance for an interpreter or auxiliary aid (e.g., accommodations for persons who are disabled) to participate in the planning process will be directed to the PSTB contact listed above, and if possible, allow at least 14 days prior to the end of the comment review period.

The New Mexico Relay Network numbers will also be provided in public notices for the hearing or speech impaired: 1-800-659-1779 (voice) and 1-800-659-8331 (TTY users).

Department Websites

New Mexico Environment Department - <https://www.env.nm.gov/>
Petroleum Storage Tank Bureau - https://www.env.nm.gov/petroleum_storage_tank/

2. Regulatory Framework for Public Participation

There are existing federal and state laws governing the management of petroleum hydrocarbon releases. The United States Congress enacted the Resource Conservation and Recovery Act (RCRA), an amendment to the Solid Waste Disposal Act, in 1976 to ensure safe management and disposal of household, municipal and industrial waste generated nationwide. 42 U.S.C. § 6901 *et. seq.*, 42 U.S.C. § 6921 *et. seq.*

In 1984, Congress added Subtitle I to the Solid Waste Disposal Act, which required the U.S. Environmental Protection Agency (“EPA”) to develop a comprehensive regulatory program for Underground Storage Tank (“UST”) systems storing petroleum or certain hazardous substances to protect the environment and human health from UST releases. 42 U.S.C. §6991 *et. seq.* In 1988, the EPA promulgated the UST regulations (40 CFR Part 280) and the regulations for state program approval (“SPA”) (40 CFR Part 281). SPA delegates the primary responsibility of implementing the federal UST program to individual states in lieu of the EPA. NMED PSTB currently has SPA from EPA.

New Mexico’s Petroleum Storage Tank regulations, 20.5 NMAC, are promulgated pursuant to the provisions of the Hazardous Waste Act, Sections 74-4-1 through 74-4-14 NMSA 1978; the Ground Water Protection Act, Sections 74-6B-1 through 74-6B-14 NMSA 1978; and the general provisions of the Environmental Improvement Act, Sections 74-1-1 through 74-1-17 NMSA 1978.

Owners and operators (responsible parties) of petroleum storage tanks where a release has occurred which requires a Final Remediation Plan shall develop a Final Remediation Plan including a public notice satisfying the requirements of paragraph (10) of subsection D of 20.5.119.1923 NMAC and subsection B of 20.5.119.1928 NMAC.

The Department may provide for public participation in the review process as the Department deems appropriate or for public meetings when there is significant public interest as provided for in subsection D of 20.5.119.1924 NMAC. If an informal public meeting, public hearing or other form of public participation is conducted, the Department may postpone its decision on the Final Remediation Plan until after a public hearing or meeting is held and a determination is made. Any public hearing or meeting that is held due to significant public interest shall be held within 60 days of determining that there is significant public interest.

Facility Background

The former Shamrock No. 63 site, Facility ID #29206, is located at 3624 Cerrillos Road in Santa Fe, New Mexico. The property comprising the former Shamrock No. 63 site has hosted gasoline dispensing facilities since at least the mid-1950s. A used car dealership is currently occupying the property, with a Best Western hotel and a vacant strip mall on adjacent properties. Fuel is no longer being stored or dispensed either at, or adjacent to, the site. Historical aerial photographs indicate that by 1958, the site was occupied by a bulk fueling facility with six above ground storage tanks (ASTs) and four dispenser islands. Between 1979 and 1988, the parcel was subdivided, the ASTs and dispenser islands were removed, and the Shamrock No. 63 station was constructed on

the eastern portion of the original bulk fueling plant property. A hotel was constructed on the western portion of the former bulk fueling facility in 1991.

The UST system was removed at the former Shamrock No. 63 site on April 19, 2006. Minimum site assessment and secondary investigations have been performed to define the magnitude and extent of the petroleum hydrocarbon contamination in soil and groundwater. The geology underlying the site consists of a veneer of unconsolidated alluvial sediments underlain by the Pleistocene/Pliocene-age Ancha Formation. The Ancha Formation deposits are composed of predominantly silty or clayey sand with varying amounts of gravel. Groundwater at the site occurs under unconfined conditions and is encountered at approximately 80 feet below ground surface.

Non-aqueous phase liquid (NAPL), petroleum contaminated soil, dissolved phase benzene, toluene, ethylbenzene, total xylenes, methyl tertiary-butyl ether (MTBE), naphthalenes, and the fuel additives 1,2 dichloroethane (EDC) and 1,2-dibromoethane (EDB) have been detected. The extent of contamination has not been defined beneath Cerrillos Road. NAPL recovery via hand bailing was performed intermittently from 2014 to 2018. Soil vapor extraction pilot testing was performed on October 20 through 23, 2017. NAPL has been observed in four monitoring wells, and the dissolved phase plumes cover an area of approximately 60,000 square feet.

In 2018, a request for proposals to remediate petroleum hydrocarbon contamination to state standards was posted on the PSTB Web page, open to any qualified firm to submit a proposal. The PSTB evaluated the proposals that were submitted through an established procedure. The PSTB recommended that the RP enter into a contract to perform the proposed remedial strategy with the environmental firm that was most responsive based on both technical merit and cost-effectiveness. The proposed cleanup strategy uses soil vapor extraction (SVE) and subsequent treatment to remove contaminants before the vapors are released to the atmosphere. The next step at the site is the development of the Final Remediation Plan, which includes public notice for participation in the PSTB review process. The expected deliverable date for the Final Remediation Plan is August 30, 2019.

3. Affected Communities and Stakeholders

To provide for adequate public participation opportunities and meaningful involvement of persons in the planning process and to address potential or existing environmental justice areas, the affected communities must first be identified, informed about proposed environmental actions affecting the community, and invited to share their comments and concerns. The EJSCREEN tool developed by the U.S. Environmental Protection Agency (EPA) helps identify communities that are low income and minority populations that may benefit from a variety of approaches for notification and outreach communication. This information is used to help encourage the community's involvement in the public process for environmental activities or actions. In this case, the activity is consideration of a Final Remediation Plan for a petroleum storage tank site.

Using the results of the EJSCREEN ACS Summary Report for 2012 to 2016 (see Attachment 1), there are 30,146 households within a 4-mile radius from the facility (i.e., affected community); the minority percentage for the affected community is 67 percent, with the Hispanic population accounting for 61 percent and Black, American Indian, Asian, Pacific Islander, Some Other Race and Two or More Races accounting for the other 14 percent of the minority population. The percentage of persons that communicate in a language other than English (non-English) at home is 40 percent. The percent of linguistically isolated households is 6 percent. The per capita income for the affected community is \$32,638 as compared to the national per capita income of \$31,786 for 2016. These results indicate that for the affected community, the percentage of Spanish language communication (38 percent) is considerable. Additionally, the EJSCREEN report indicates that of the linguistically isolated households in the affected area, 95 percent speak Spanish.

It is important for the PSTB to consider the linguistic and communication needs of the affected community when providing notice of submission of Final Remediation Plans. Based on the EJSCREEN results and the Limited English Proficiency ("LEP") analysis (see Attachment 2), the PSTB will ensure that the responsible party provides the same information in English and Spanish when conducting public outreach and participation activities and when providing public notices and other announcements (brochures, signs, mailings, etc.) for the Shamrock No. 63 site. The PSTB will strive to make public participation efforts as inclusive as possible within the PSTB budget and time limitations.

For example, as much as possible, mass communication methods will be used in addition to public notices in appropriate newspapers or mailings, as many residents in the affected community may not have regular access to newspapers or daily postal service and may rely on publicly posted notices. An informational sign shall be posted at the site by the responsible party (on the front fence of Manny's Auto Sales, 3626 Cerrillos Road, Santa Fe, NM) that also describes public information repositories.

4. Detailed Public Participation and Outreach Activities for Final Remediation Plan, Shamrock No. 63 site

The PSTB evaluates all public comments, places the comments in the administrative files for the remedial action, and incorporates public input into the PSTB's comments on Final Remediation Plans as appropriate.

The PSTB strategy for facilitating public participation in the proposed corrective action activities for the Shamrock No. 63 site are detailed below.

Public Notice Requirements per Applicable Laws

The Petroleum Storage Tank Regulations, 20.5.119.1923.D (10) NMAC, as detailed below, address notices to be provided by the owner or operator (responsible party) to the public regarding the submission of a Final Remediation Plan for public comment. This notice is provided prior to or on the day of the submission of the Final Remediation Plan and informs the public that the PSTB will be reviewing the Plan. The PSTB will provide notice of the submission of a draft Final Remediation Plan in English and Spanish on its website and will generate a broadcast email alert in English and Spanish, to include availability of language assistance services. Spanish-language notices will be translated from English into Spanish by a translator certified by the American Translators Association for English to Spanish translation.

The **bolded information in brackets** is responsive to the regulatory requirements *in italics* below.

The owner/operator is required to provide notice in the following manner:

(a) owners and operators shall publish a legal notice of the submission or planned submission of the final remediation plan at least twice in a paper of general circulation [Legal Section of the Classified Ads of the Santa Fe New Mexican] in the county in which soil or water has been contaminated by the release; the first notice shall appear within one week of, but not later than, the day of submission of the final remediation plan to the Department; the second publication of this notice shall occur no later than seven days after the date the remediation plan is submitted to the Department, and owners and operators shall submit two certified affidavits of publication from the newspaper to the Department within 21 days after the date the final remediation plan is submitted;

(b) the notice shall contain the information specified in this section including the following:

(i) a statement that a remediation plan has been submitted to the Department proposing actions to remediate a release of petroleum products;

(ii) the name and physical address of the site at which the release occurred and the names and physical addresses of properties where any part of the remediation system will be located, using adequate identification of the properties, including street addresses if applicable [3624 Cerrillos Road, Santa Fe, NM];

(iii) a statement that a copy of the remediation plan and all data and modeling related to the remediation plan, if applicable, can be viewed at the Department's [PSTB] main office [located at 2905 Rodeo Park Drive East, Building 1, Santa Fe, NM] and at the Department's field office for the area in which the release occurred [the PSTB's main office, 2905 Rodeo Park Drive East, Building 1, Santa Fe, NM]; and

(iv) a statement that public comments on the plan must be delivered, within 21 days of the publication of the second notice, to the owner or operator's assigned project manager [Susan von Gonten] at the petroleum storage tank bureau, [the PSTB's main office, 2905 Rodeo Park Drive East, Building 1, Santa Fe, NM] New Mexico environment Department, or a district office if approved by the Department, and to the secretary of the environment Department;

(c) within seven days of the date a remediation plan is submitted to the Department, owners and operators shall also mail by certified mail a copy of the legal notice [in English and Spanish] to adjacent property owners; and

(d) owners and operators shall post a notice [in English and Spanish] of the submission of the remediation plan at the release site within seven days of the submission of the remediation plan; the notice shall contain the information specified in this subsection and shall be at least 8.5 inches by 11 inches in size and prominently displayed in a location where it is likely to be seen by members of the public for a continuous period until the remediation plan is approved and implemented; public comments must be received by the Department within 21 days of the date of the second publication of the public notice;

Proposed Public Participation and Outreach Activities for the Shamrock No. 63 Site

The PSTB will also perform the following public participation and outreach activities during the review phase of the planning process for the Shamrock No. 63 remedial activities:

- 1. Information Repository:** A copy of the Final Remediation Plan and the PIP will be made available for public review at the PSTB's main office at **2905 Rodeo Park Drive East, Building 1, Santa Fe, NM**. In addition, the Final Remediation Plan, the PIP, and all applicable data may be viewed at the following website:
<https://cloud.env.nm.gov/waste/pages/search.php?search=%21collection3240&k=ffcf10be46>
- 2. Electronic Posting of Public Notice:** The PSTB will post the public notice and the PIP on the PSTB's portion of NMED's website:
https://www.env.nm.gov/petroleum_storage_tank/reports-and-lists/
Electronically-posted public notices will be provided in English and Spanish.
- 3. Language Assistance Services:** Non-English speakers or readers will be directed in notices to call, fax or email the PSTB contact listed in this PIP and request language assistance services, such as an interpreter, so they can learn more about the planning process. Services may be arranged by the PSTB for translation of documents, for interpreters, and for obtaining services for persons

with disabilities. A phone-based interpretation service is available to the PSTB for speakers of languages other than English.

Attachment 1: Preliminary Screening (EJSCREEN)

Public Outreach Preliminary Screen (EJSCREEN)

Facility: Shamrock No. 63
 3624 Cerrillos Road, Santa Fe, NM
Location: 35.645562, -106.007186
Buffer: 4-mile radius
Date: 2012 - 2016

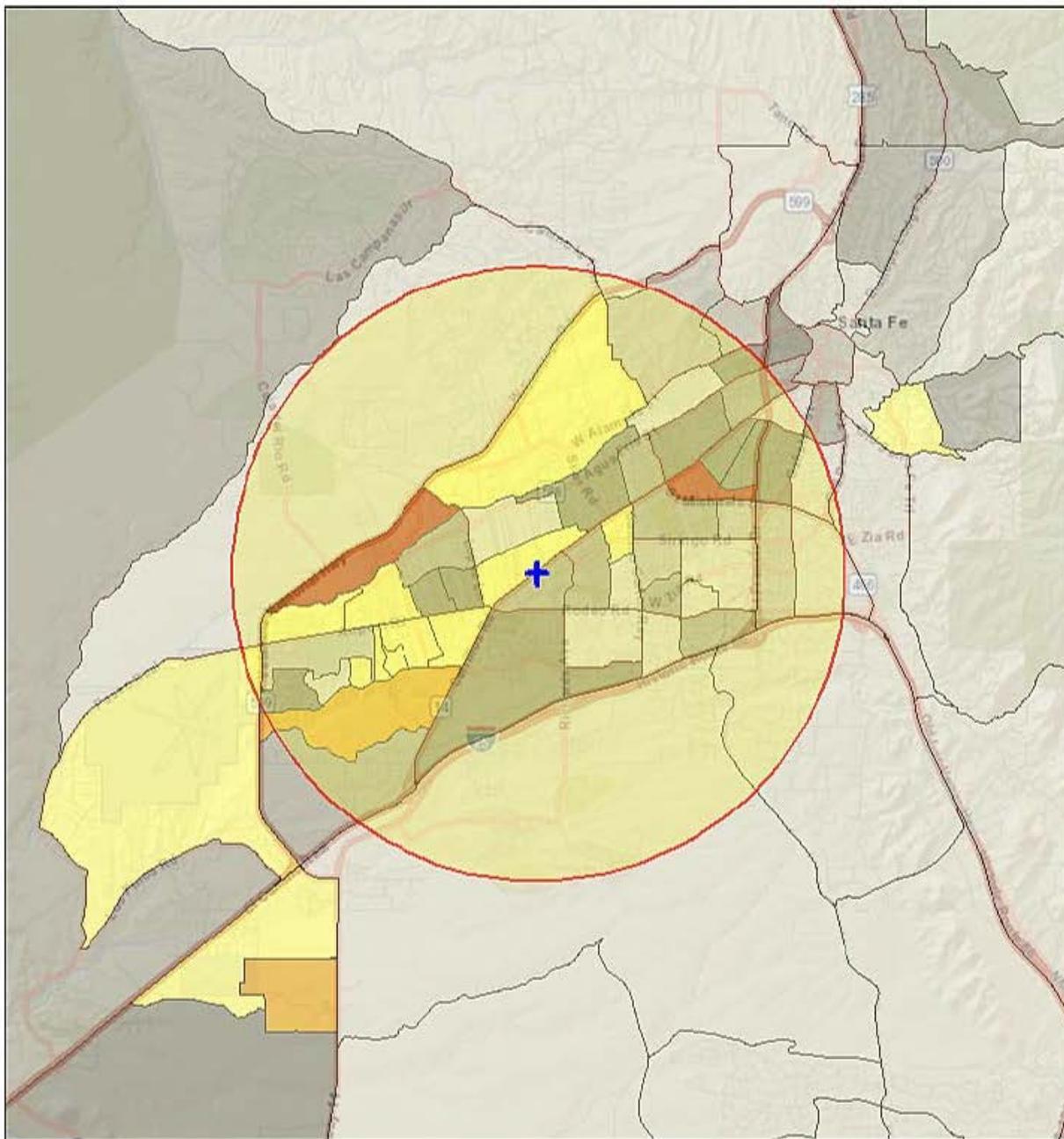
Total population within 4-mile radius*:	75,122
Total population age 5+ years within 4-mile radius*:	71,007
Number of households within 4-mile radius*:	30,146
Per capita income within 4-mile radius*:	\$32,638
Per capita income, USA:	\$31,786
Percent minority population within 4-mile radius*(population reporting one race):	67%
Percent minority population by race within 4-mile radius*:	
Hispanic:	61%
Black Alone:	1%
American Indian Alone:	2%
Non-Hispanic Asian Alone:	1%
Pacific Islander Alone:	0%
Other Race alone:	0%
Two or more races alone:	1%
<i>Sum:</i>	66%
Percent linguistically isolated households within 4-mile radius**:	6%
Percent linguistically isolated households by language within 4-mile radius*:	
Spanish:	95%
Other Indo-European languages:	4%
Other Asian-Pacific Island languages:	0%
Other languages:	1%
<i>Sum:</i>	100%
Population age 5+ yrs. speaking English "less than very well" within 4-mile radius*:	13%

*: From EJSCREEN ACS Summary Report

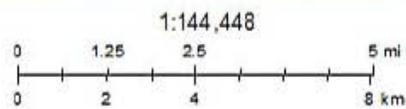
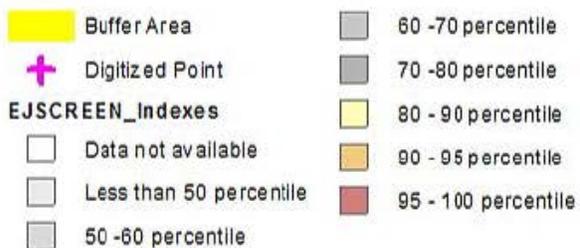
** : $1,682 \text{ linguistically isolated households} / 30,146 \text{ total households} \times 100 = \% \text{ linguistically isolated households}$

Detail may not sum to total due to rounding.

Shamrock No. 63, Linguistically Isolated, 4mile radius



July 29, 2019



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community
EPA OEI, OEJ

EJSCREEN 2015



EJSCREEN ACS Summary Report



Location: User-specified point center at 35.645562, -106.007186

Ring (buffer): 4-mile radius

Description: Shamrock No. 63, 3624 Cerrillos Road, Santa Fe, NM

Summary of ACS Estimates		2012 - 2016		
Population				75,122
Population Density (per sq. mile)				1,515
Minority Population				50,438
% Minority				67%
Households				30,146
Housing Units				33,107
Housing Units Built Before 1950				1,899
Per Capita Income				32,638
Land Area (sq. miles) (Source: SF1)				49.59
% Land Area				99%
Water Area (sq. miles) (Source: SF1)				0.39
% Water Area				1%
		2012 - 2016 ACS Estimates	Percent	MOE (±)
Population by Race				
Total		75,122	100%	852
Population Reporting One Race		72,987	97%	1,897
White		62,282	83%	847
Black		677	1%	87
American Indian		2,122	3%	387
Asian		1,006	1%	222
Pacific Islander		45	0%	25
Some Other Race		6,855	9%	329
Population Reporting Two or More Races		2,136	3%	193
Total Hispanic Population		46,193	61%	862
Total Non-Hispanic Population		28,929		
White Alone		24,684	33%	319
Black Alone		570	1%	84
American Indian Alone		1,442	2%	122
Non-Hispanic Asian Alone		972	1%	222
Pacific Islander Alone		30	0%	25
Other Race Alone		193	0%	49
Two or More Races Alone		1,038	1%	144
Population by Sex				
Male		36,083	48%	402
Female		39,040	52%	580
Population by Age				
Age 0-4		4,115	5%	196
Age 0-17		16,622	22%	414
Age 18+		58,500	78%	423
Age 65+		11,806	16%	175

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) 2012 - 2016.



EJSCREEN ACS Summary Report



Location: User-specified point center at 35.645562, -106.007186

Ring (buffer): 4-mile radius

Description: Shamrock No. 63, 3624 Cerrillos Road, Santa Fe, NM

	2012 - 2016 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	52,321	100%	413
Less than 9th Grade	4,231	8%	227
9th - 12th Grade, No Diploma	3,818	7%	180
High School Graduate	12,678	24%	289
Some College, No Degree	12,955	25%	196
Associate Degree	3,190	6%	122
Bachelor's Degree or more	18,640	36%	254
Population Age 5+ Years by Ability to Speak English			
Total	71,008	100%	777
Speak only English	42,434	60%	429
Non-English at Home ¹⁺²⁺³⁺⁴	28,574	40%	507
¹ Speak English "very well"	19,282	27%	376
² Speak English "well"	3,173	4%	158
³ Speak English "not well"	3,302	5%	347
⁴ Speak English "not at all"	2,817	4%	283
³⁺⁴ Speak English "less than well"	6,119	9%	355
²⁺³⁺⁴ Speak English "less than very well"	9,292	13%	374
Linguistically Isolated Households*			
Total	1,682	100%	100
Speak Spanish	1,594	95%	99
Speak Other Indo-European Languages	70	4%	30
Speak Asian-Pacific Island Languages	6	0%	16
Speak Other Languages	12	1%	19
Households by Household Income			
Household Income Base	30,146	100%	162
< \$15,000	3,843	13%	116
\$15,000 - \$25,000	3,179	11%	117
\$25,000 - \$50,000	8,022	27%	166
\$50,000 - \$75,000	5,620	19%	130
\$75,000 +	9,482	31%	184
Occupied Housing Units by Tenure			
Total	30,146	100%	162
Owner Occupied	18,894	63%	160
Renter Occupied	11,252	37%	147
Employed Population Age 16+ Years			
Total	60,466	100%	535
In Labor Force	39,200	65%	477
Civilian Unemployed in Labor Force	2,800	5%	219
Not In Labor Force	21,266	35%	309

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)

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



EJSCREEN ACS Summary Report



Location: User-specified point center at 35.645562, -106.007186

Ring (buffer): 4-mile radius

Description: Shamrock No. 63, 3624 Cerrillos Road, Santa Fe, NM

	2012 - 2016 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	68,182	100%	748
English	40,367	59%	581
Spanish	25,583	38%	748
French	389	1%	58
French Creole	N/A	N/A	N/A
Italian	N/A	N/A	N/A
Portuguese	N/A	N/A	N/A
German	290	0%	52
Yiddish	N/A	N/A	N/A
Other West Germanic	N/A	N/A	N/A
Scandinavian	N/A	N/A	N/A
Greek	N/A	N/A	N/A
Russian	N/A	N/A	N/A
Polish	N/A	N/A	N/A
Serbo-Croatian	N/A	N/A	N/A
Other Slavic	N/A	N/A	N/A
Armenian	N/A	N/A	N/A
Persian	N/A	N/A	N/A
Gujarathi	N/A	N/A	N/A
Hindi	N/A	N/A	N/A
Urdu	N/A	N/A	N/A
Other Indic	N/A	N/A	N/A
Other Indo-European	224	0%	58
Chinese	137	0%	56
Japanese	N/A	N/A	N/A
Korean	21	0%	31
Mon-Khmer, Cambodian	N/A	N/A	N/A
Hmong	N/A	N/A	N/A
Thai	N/A	N/A	N/A
Laotian	N/A	N/A	N/A
Vietnamese	68	0%	74
Other Asian	288	0%	79
Tagalog	90	0%	134
Other Pacific Island	N/A	N/A	N/A
Navajo	N/A	N/A	N/A
Other Native American	N/A	N/A	N/A
Hungarian	N/A	N/A	N/A
Arabic	9	0%	16
Hebrew	N/A	N/A	N/A
African	N/A	N/A	N/A
Other and non-specified	472	1%	90
Total Non-English	27,815	41%	947

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) 2012 - 2016.

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

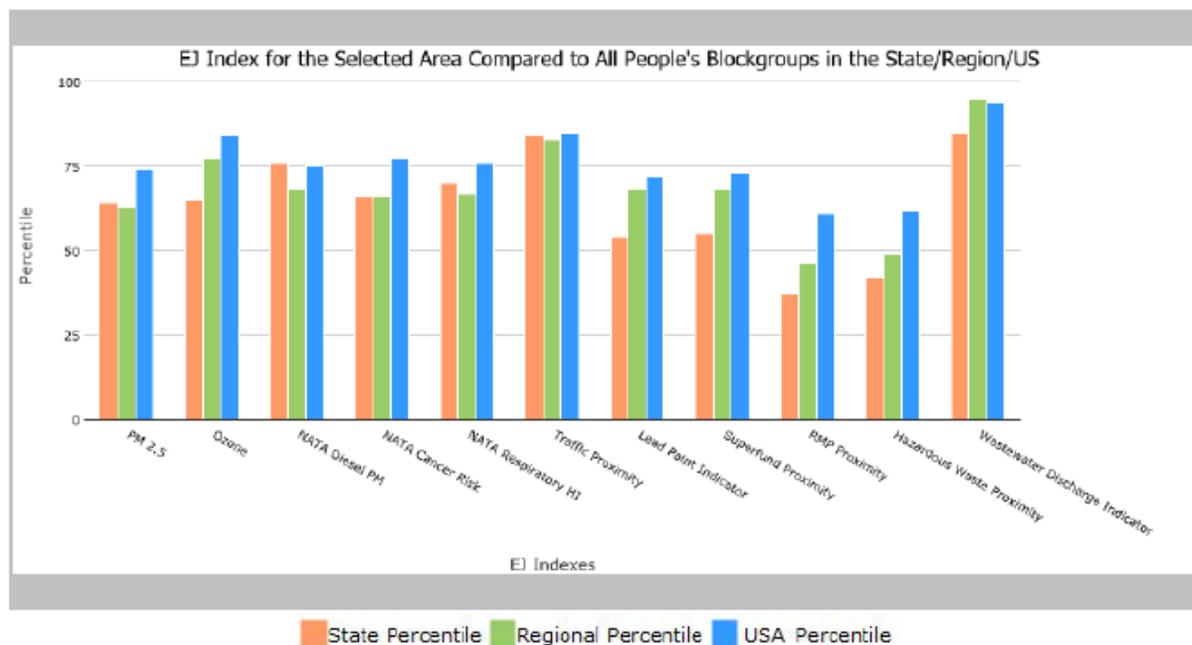
4 mile Ring Centered at 35.645562,-106.007186, NEW MEXICO, EPA Region 6

Approximate Population: 75,122

Input Area (sq. miles): 50.26

Shamrock No. 63, 3624 Cerrillos Road, Santa Fe, NM

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
EJ Indexes			
EJ Index for PM2.5	64	63	74
EJ Index for Ozone	65	77	84
EJ Index for NATA* Diesel PM	76	68	75
EJ Index for NATA* Air Toxics Cancer Risk	66	66	77
EJ Index for NATA* Respiratory Hazard Index	70	67	76
EJ Index for Traffic Proximity and Volume	84	83	85
EJ Index for Lead Paint Indicator	54	68	72
EJ Index for Superfund Proximity	55	68	73
EJ Index for RMP Proximity	37	46	61
EJ Index for Hazardous Waste Proximity	42	49	62
EJ Index for Wastewater Discharge Indicator	85	95	94



This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports.



EJSCREEN Report (Version 2018)



4 mile Ring Centered at 35.645562,-106.007186, NEW MEXICO, EPA Region 6

Approximate Population: 75,122

Input Area (sq. miles): 50.26

Shamrock No. 63, 3624 Cerrillos Road, Santa Fe, NM

Selected Variables	Value	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
Environmental Indicators							
Particulate Matter (PM 2.5 in $\mu\text{g}/\text{m}^3$)	5.84	6.25	27	9.55	1	9.53	2
Ozone (ppb)	50.3	49.7	48	40.4	97	42.5	90
NATA* Diesel PM ($\mu\text{g}/\text{m}^3$)	0.495	0.473	61	0.721	<50th	0.938	<50th
NATA* Cancer Risk (lifetime risk per million)	32	32	43	42	<50th	40	<50th
NATA* Respiratory Hazard Index	1.3	1.4	57	1.8	<50th	1.8	<50th
Traffic Proximity and Volume (daily traffic count/distance to road)	430	290	80	320	81	600	75
Lead Paint Indicator (% Pre-1960 Housing)	0.13	0.19	57	0.18	61	0.29	42
Superfund Proximity (site count/km distance)	0.022	0.13	31	0.07	40	0.12	26
RMP Proximity (facility count/km distance)	0.0096	0.22	9	0.8	0	0.72	0
Hazardous Waste Proximity (facility count/km distance)	0.016	0.39	16	0.86	3	4.3	2
Wastewater Discharge Indicator (toxicity-weighted concentration/m distance)	0.026	2.1	75	0.38	90	30	85
Demographic Indicators							
Demographic Index	54%	52%	53	44%	65	36%	76
Minority Population	67%	61%	58	51%	66	38%	77
Low Income Population	40%	43%	47	38%	56	34%	65
Linguistically Isolated Population	6%	5%	65	6%	65	4%	74
Population With Less Than High School Education	15%	15%	56	17%	55	13%	67
Population Under 5 years of age	5%	6%	44	7%	37	6%	46
Population over 64 years of age	16%	15%	59	13%	71	14%	63

* The National-Scale Air Toxics Assessment (NATA) is EPA's ongoing, comprehensive evaluation of air toxics in the United States. EPA developed the NATA to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that NATA provides broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the NATA analysis can be found at: <https://www.epa.gov/national-air-toxics-assessment>.

For additional information, see: www.epa.gov/environmentaljustice

EJSCREEN is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJSCREEN outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.

Attachment 2: Limited English Proficiency Assessment

Limited English Proficiency ("LEP") Assessment

Facility: Shamrock No. 63
Location: 3624 Cerrillos Road, Santa Fe, NM
Buffer: 4-mile radius
Date: 2012 – 2016

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

Percent linguistically isolated households within 4-mile radius*:	6%
Percent linguistically isolated households by language within 4-mile radius*:	
Spanish:	95%
Other languages:	5%
<i>Sum:</i>	
Percent linguistically isolated population, New Mexico**:	5%
Percent linguistically isolated population, USA**:	4%
Population age 5+ yrs speaking English "less than very well" within 4-mile radius*:	13%

*: From "EJSCREEN ACS Report"

**: From "EJSCREEN Report (version 2018)"

Conclusions:

- 1) Proportion of LEP persons within one mile is slightly more than statewide and national proportions
- 2) Spanish is the primary non-English language spoken by LEP persons.
- 3) Historical participation: Not applicable (new Final Remediation Plan public notice).

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

Frequency Assessment ("frequent" / "occasional" / "not frequent")

Not frequent

This determination is based on the lack of response by the public to past notices of submission of final remediation plan.

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

All Final Remediation Plans for PSTB sites are required by the NM Petroleum Storage Tank regulations to be made available for review prior to their finalization and implementation. The Final Remediation Plans are reviewed by the PSTB to assess compliance with regulatory requirements and to evaluate their technical adequacy. The Final Remediation Plan is approved after the PSTB's review is complete, any inadequacies are addressed, and the public comments are evaluated and addressed as appropriate.

The Final Remediation Plan review is deemed by the PSTB to be "important" to NMED, the affected community, and the State of New Mexico. Final Remediation Plan review is important to the NMED because it establishes site-specific requirements that must be met to ensure protection of public health, welfare, and the environment. Final Remediation Plan review is important to the affected community because poorly implemented or poorly operated remediation activities have the potential to pose a public nuisance and adversely affect the quality of life of people living in the vicinity of the leaking petroleum storage tank site. Final Remediation Plan review is important to the State of New Mexico because implementation of effective remedial actions ensures that leaking petroleum tank sites will have a limited impact on the State's vital groundwater resources.

Factor 4: Resources Available to NMED and Associated Costs

In accordance with regulatory requirements, the PSTB posts notices of submission in both English and Spanish and utilizes the services of a certified translator for creation of the Spanish-language notices. This translation cost is included in the Bureau's annual budget requests. As the need for additional translation/interpretation services has typically been limited, the PSTB is able to provide these additional services within budgetary constraints.

LEP Services Plan

The PSTB plans to provide notice of submission of Final Remediation Plans in both English and Spanish, which is consistent with statutory requirements and program practice, and is appropriate based on the LEP analysis, as the majority of the LEP population speaks Spanish. The PSTB will provide the use of further LEP services as requested.